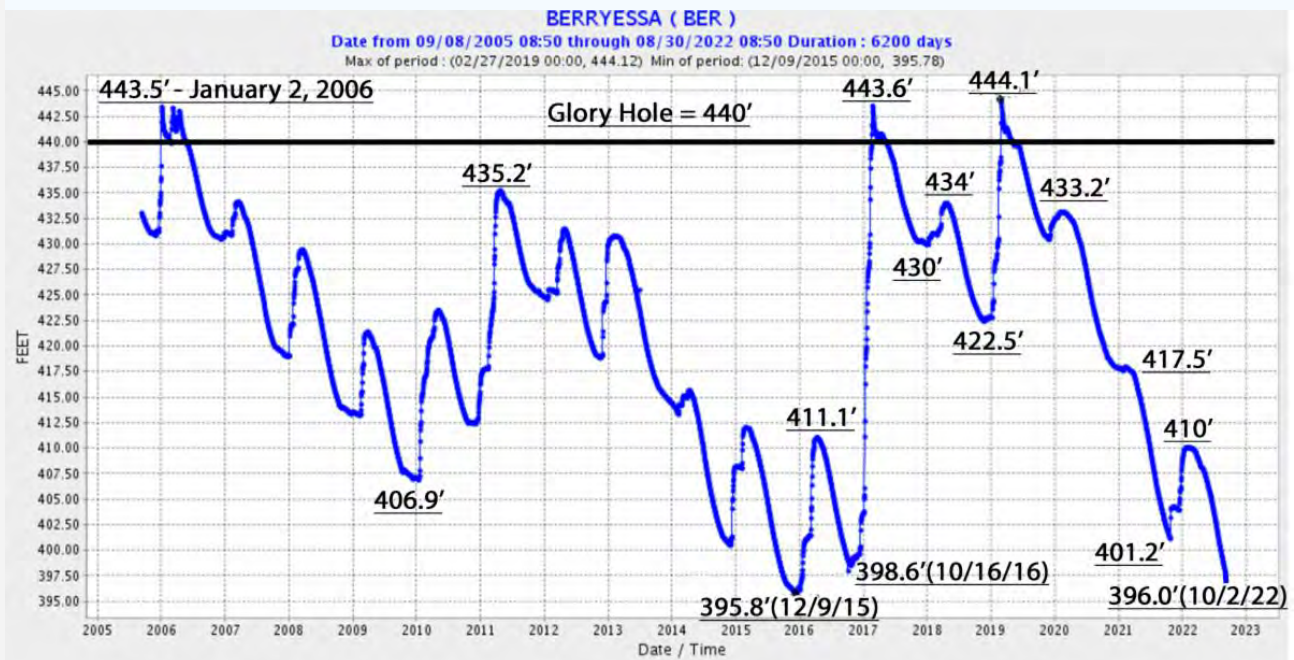

Lake Berryessa News, October 2022

The print version of the Lake Berryessa News is on hiatus and will return in April, 2023. I will continue to keep the Lake Berryessa News website updated (www.LakeBerryessaNews.com) as well as the Lake Berryessa News Facebook page (<https://www.facebook.com/Lake-Berryessa-News-114810958535085/>). I intend to publish this email newsletter twice per month. Please forward it to anyone you think may be interested.

Lake Berryessa Statistics (10/2/22)

The lake is now down to 396.0 feet - 44 feet below Glory Hole. The modest two-day rainfall (9/18 & 9/19) we had (1.15" at Monticello Dam) did not have any impact. The level is now only about 2" above the lowest level reached during our last drought, 395.8' on December 9, 2015. It took 10 years to drop to this level during the last drought, but only 4 years this time.

The Gamble Gauge is at 52.7% capacity. Surface water temperature is 75 degrees from the surface to 10 feet down. Temperature is around 65 degrees at 40 feet and below.



20 for 23 Program Begins

Support the Lake Berryessa News in 2023

If you are reading this October online edition of the Lake Berryessa News, it's due to the generosity of the people listed below. They donated to our "20 for 22" program which allowed me to publish the Lake Berryessa in all its forms in 2022. The next paper edition will be printed in April 2023.

You can still get all the current Lake Berryessa News at:

Our Facebook page: <https://www.facebook.com/Lake-Berryessa-News-114810958535085/>

This regular bi-monthly email newsletter: Please send your email address to pkilkus@gmail.com if you wish to receive the newsletter

I am now promoting my “20 for 23” donation program. Your financial support is vital so that the Lake Berryessa News can continue to publish in 2023. Our one-person operation is definitely a “not-for-profit”. Experience shows that without THE LAKE BERRYESSA NEWS, there would be no Lake Berryessa news!

The revitalization of Lake Berryessa will continue at full speed in 2023. Sun Outdoors is working on revitalizing Steele Canyon, Spanish Flat, and Monticello Shores. Suntex Marinas, which is now managing Pleasure Cove Marina, has won the bid to revitalize Berryessa Point and has begun the development planning process.

The Lake Berryessa News print version is distributed widely throughout the Lake Berryessa region and reaches about 1,000 readers per month. Website hits average hundreds per day - and up to a thousand per day during the summer season. Our Facebook page has more than 23,000 Likes. Our email newsletter reaches hundreds more readers per month. You can download searchable PDF files of the Lake Berryessa News since 2005 at: www.lakeberryessanews.com/archives/

If you like the Lake Berryessa News in all its forms please send a donation check of \$20 (or more if you feel so inclined) made out to Peter Kilkus (not the Lake Berryessa News) and mail it to Peter Kilkus, 1515 Headlands Drive, Napa, CA 94558. If you trust the US Postal Service, you can stick a crinkly old \$20 bill in an envelope with your information and send it to the same address. You can also use Venmo or Paypal if you wish. My account is under the name Peter Kilkus. You can contact me directly call 415-307-6906 or email me at pkilkus@gmail.com. (Note: Your donation is NOT tax deductible)

A simple \$20 for 2023, a major revitalization year for the lake.

Your decision to support the Lake Berryessa News will show your vote of confidence in the future of the Lake Berryessa community.

I'll do my best to keep you informed about every detail affecting the lake community.

Thanks. Peter

20 for 22 Donors (Alphabetically)

Adam Forest	Gerald Bittner	Ralph Martin
Amber Payne	Grant Sedgwick	Richard Plato
Andrew Gai	Helen Nelson	Richard Rico
Anonymous	Helen Sinelnikoff-Nowak	Rick von Geldern
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George Gamble	Peter Fracchia	
George Asbury	Phil Burton	

Lake Berryessa Level vs Rainfall: A Short Tutorial

Peter Kilkus

Everyone is excited by the early rainfall at Lake Berryessa. In three days, 9/18, 9/19, 9/20, the lake received 1.15" at Monticello Dam and .81" in the Berryessa Highlands. Middletown received 1.62" and other northern parts of the Lake Berryessa watershed got more than 2". But this rainfall will essentially do nothing to raise the level of the lake.

The lake is now down to 396.0 feet - 44 feet below Glory Hole . The modest two-day rainfall we had (1.15" by 9/21 at Monticello Dam) did not have any significant impact. The level did hold steady for a day but started down again the next day. The level is now only about 2" above the lowest level reached during our last drought - 395.8' on December 9, 2015. The dam output has dropped from 459 CFS (cubic feet per second) to 185 CFS during this same period, as the need for irrigation water decreases.

Some folks use a rule of thumb that the lake increases a foot in level for every inch of rainfall after the ground has been saturated by 2-3 inches of rain and runoff begins. This easy to remember rule is not completely accurate since the relationship between the lake level and its storage capacity is not linear. The lake profile is roughly a V-shaped bowl (with peaks and valleys and inlets and large flat areas), which means that the higher the water level gets the more rain is needed to raise it further. It takes about 25% more rain to go from 430' to 440' than it does to go from 390' to 400'.

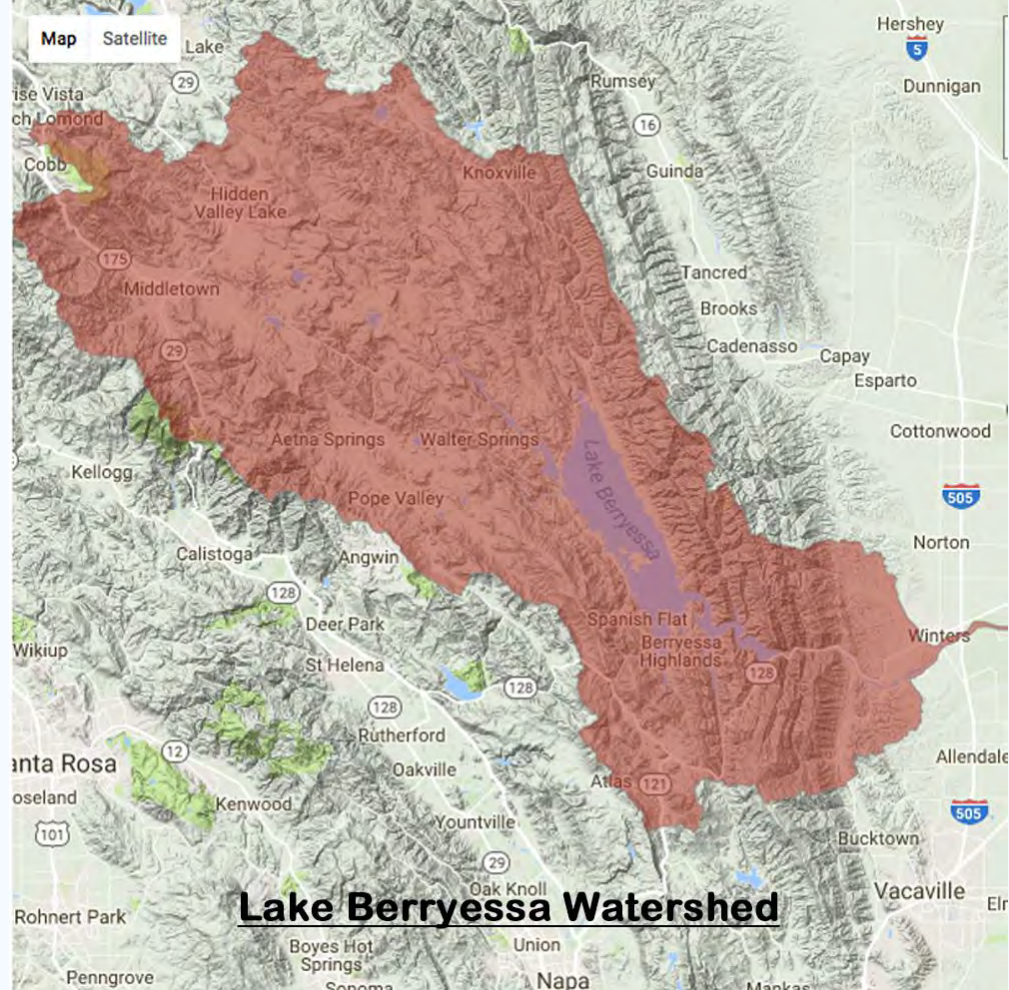
Rainfall versus level for the first three months of 1998 showed that the lake rose 16 feet with 26 inches of rain – or 7.4 inches of level per inch of rain. However, the unexpectedly rapid rise of the lake in 2017 provided data that showed the rise was twice as great as the normal average – 14.5" per inch of rain.

The Lake Berryessa watershed encompasses the 576–square mile area primarily fed by Putah Creek which originates from springs on the eastside of Cobb Mountain in Lake County. Putah Creek enters Napa County about 11 miles east of Middletown. It 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. One reason that Lake Berryessa rose so quickly in 2017 was the very heavy rainfall that occurred on Cobb Mountain and Middletown. Below is the table of rainfall for the last 12 years at Cobb Mountain. Notice the total for 2017.

RAINFALL TOTALS FOR COBB MT.													
Season	Total	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
2009-10	77.05	9.76	3.01	6.16	26.96	9.08	7.55	11.21	3.21	0.04	0	0	0.07
2010-11	73.84	5.78	4.78	17.6	2.16	13.25	22.9	1.01	3.35	2.99	0	0	0.02
2011-2012	46.55	3.04	5.71	0.32	7.67	4.53	18.34	6.68	0.1	0.16	0	0	0
2012-2013	27.03	0.07	0.67	0.59	0.33	14.27	8.05	2.95	0.02	0	0	0	0.08
2013-14	27.75	3.12	7.67	7.29	1.83	0.49	4.19	1.66	0.1	0.6	0	0	0.8
2014-15	57	2.23	4.6	28.83	0.26	14.59	0.49	2.42	0.45	0	0	0.01	3.12
2015-16	69.59	0.15	3.77	13.29	21.43	3.3	23.37	2.36	0.68	0.1	0.16	0.06	0.92
2016-17	130.47	14.34	7.4	12.68	43.76	33.17	6.41	7.1	5.03	0.55	0	0	0.03
2017-18	68.8	11.03	2.57	12.69	18.8	7.89	14.4	1.19	0.05	0	0.01	0	0.17
2018-19	103.61	6.09	18.89	22.32	11.24	29.01	7.08	7.7	0.81	0	0.03	0.1	0.34
2019-20	37.9	2.01	6.75	8.9	5.4	6.88	4.13	3.15	0	0	0	0	0.68
2020-21	21.83	0	2.54	4.07	6.49	3.71	3.82	0.43	0.2	0	0	0	0.57
2021-22		16.92	3.92	11.95	3.78	0.28							
High:	130.47	14.34	18.89	28.83	43.76	33.17	23.37	11.21	5.03	2.99	0.16	0.1	3.12
Average:	61.785	0.9040909	1.3357576	2.5313846	5.2815385	11.680833	11.680833	3.9883333	1.1666667	0.37	0.0166667	1.2630303	0.5109091
Low:	21.83	0	0.67	0.32	0.26	0.49	0.49	0.43	0	0	0	0	0

Formulated by the Cobb Area County Water District, P.O. Box 284 Cobb CA 95426.

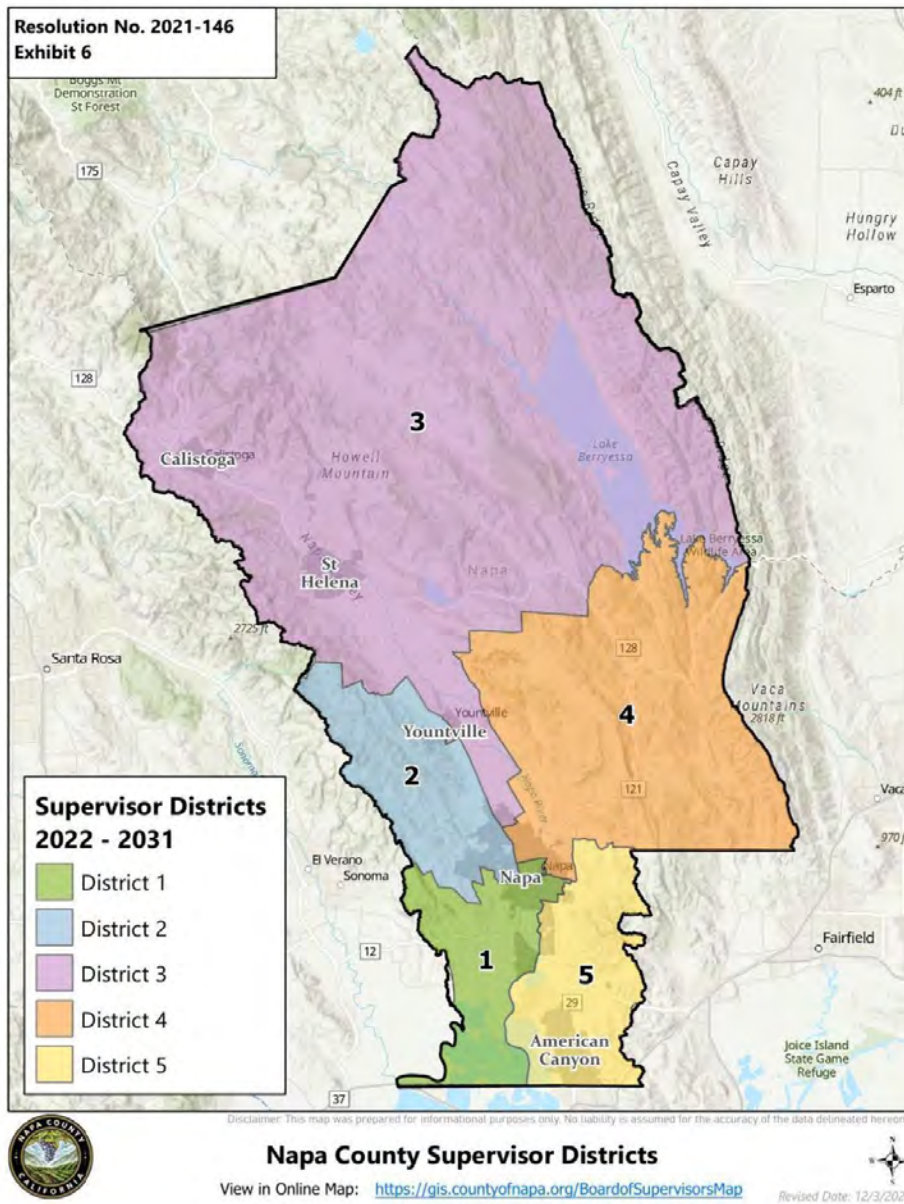
Collected by the Cobb Area County Water District, P.O. Box 284, Cobb, CA 95426, and provided monthly to the California Department of Water Resources.



I've been keeping level and rainfall data at Lake Berryessa for 26 years. The table below shows that we've had early September rainfalls in 7 of those 26 years. But early rainfall is not an indicator of a high rainfall year. For example, last year we had an early September rain and a reasonable rainfall total by the end of December, but the rest of the year was a bust. The lake only went up about 10 feet. In 2021 the lake never rose at all. It stopped at about 417.5', stayed there for most of the winter, then started dropping again in April 2021. See graph above.

	Rain Year (7/1 - 6/31)	First Rain	Total By 1/ st (At Dam)	Season Total (At Dam)
1	97-98		10.77"	46.26"
2	98-99	11/10/98	7.18"	23.46"
3	99-00	10/30/99	6.5"	26"
4	00-01	10/20/00	4.54"	24.7"
5	01-02	10/29/01	15.73"	23.38"
6	02-03	11/7/02	19.34"	31.6"
7	03-04	10/31/03	12.01"	25.64"
8	04-05	10/19/04	15.55"	36.36"
9	05-06	9/26/05	17.4"	40.56"
10	06-07	10/3/06 .22"	5.36"	12.7"
11	07-08	9/19/07 - .1"	4.48"	25.32"
12	08-09	10/3/08 - .2"	6.6"	23.96"
13	09-10	9/14/09 - .24"	6.5"	26.41"
14	10-11	10/18/10 - .21"	12.62"	37.92"
15	11-12	10/4/11 - .2"	3.04"	19.56"
16	12-13	10/22/12 - .73"	17.97"	20.65"
17	13-14	9/22/13 - .43"	1.88"	13.69"
18	14-15	9/19/14 - .11"	13.34"	19.56"
19	15-16	10/2/15 - .68"	6.23"	24.57
20	16-17	10/4/16 - .04"	8.8"	47.55"
21	17-18	10/20/17 - .21"	3.41"	14.89"
22	18-19	10/2/18 - .51"	7.28"	40.53"
23	19-20	11/27/19 - .73"	7.14"	10.93"
24	20-21	11/15/20 .09"	1.92"	9.21"
25	21-22	9/10/21 - .05"	15.36"	18.73"
26	22-23	9/19/22 - .51"	?	?

Napa Supervisors Election: Supervisor Districts Change Hands



District 1 Supervisor Brad Wagenknecht and District 3 Supervisor Diane Dylan Retire

The candidates running to replace them are:

District 1: Joelle Gallagher, Suzanne Besú Truchard

District 3: John F. Dunbar, Anne Cottrell

See their short profiles below but go to their websites for details:

Ironically, I basically supported most of Dillon's and Wagenknecht's other positions over the years except for what I consider their historical blind spot towards the Lake Berryessa region

and their long-time support of the Bureau of Reclamation in its disastrous policy towards Lake Berryessa. But even they finally accepted the hopelessness of the BOR ever accomplishing anything positive at the lake. Both have joined the other three supervisors in unanimous votes supporting the Lake Berryessa revitalization process.

I first met Diane Dillon more than 20 years ago when she was first elected Supervisor of District 3 which then included all of Lake Berryessa. In a meeting with her and Sheriff Simpson, Pat Monaghan, Oscar Braun, and I asked for their help in achieving a positive outcome for the lake community in the proposed Visitor Services Plan, despite what was clearly the goal of the BOR to remove all the mobile homes and get rid of the incumbent resort concessioners.

Our 20-year battle with the Bureau of Reclamation is documented in my definitive book about what happened at Lake Berryessa, *Policy and Politics Betray the People: The Lake Berryessa Saga, 1958-2020*, available on Amazon.

I served on Marin County's San Anselmo Town Council for five years at the beginning of this century, one year as Mayor. I am aware of the cliché that it only takes three votes to win with a five-member board. But in the case of important issues, it is always better to have unanimous support.

With respect to the revitalization of the Lake Berryessa recreation, business, and residential communities, we've been fortunate that the Napa board of Supervisors has been unanimous in its support of this revitalization process. They have voted to take over management of Lake Berryessa from the Bureau of Reclamation through the Managing Partner Agreement (MPA). They approved the bids of two new major recreation companies to rebuild four of the resorts. That process is ongoing as these two companies slog through the environmental and construction permitting requirements. Hopefully, real construction will begin relatively soon.

As publisher of the Lake Berryessa News and president of the Lake Berryessa Chamber of Commerce my focus is obviously on Lake Berryessa issues. A new candidate's position on Lake Berryessa issues is critical to me even though I'm in District 4 and cannot vote for any of these new candidates. I have asked each candidate only one question:

"What is your position regarding the revitalization of Lake Berryessa and the Lake Berryessa recreational, business, and residential communities now that Napa County has taken over management of the Lake Berryessa resorts under the Managing Partner Agreement (MPA) with the Bureau of Reclamation?"

When I receive answers from the candidates, I will publish them.

District 1

Joelle Gallagher
<https://www.gallagher4supervisor.com/>
joelle.gallagher@gmail.com



- Declare a Climate Emergency and complete and implement a robust Climate Action Plan
- Begin work on the new General Plan EIR using a "health in all policies" framework; use current science to drive policy making; add an Environmental Justice Element;
- Assure a transparent, communicative, responsive County government. Make public meetings accessible and language friendly. Meaningfully engage our community by creating and implementing an Immigrant Engagement and Language Access Plan

Suzanne Besú Truchard
suzannefornapa.com
sbtruchard@gmail.com
suzanne@suzannefornapa.com

- Housing affordability and stabilizing the cost-of-living in Napa County
- Protecting our environment, open space/agricultural areas, and taking action to address climate change at the local level
- Alleviating homelessness by enhancing mental health treatment and supportive services



District 3



Anne Cottrell
<https://www.annecottrell.com/>
anne.l.cottrell@gmail.com

- Create a comprehensive plan for fire prevention, preparedness, and response;
- Support safe, clean water and prevent water shortages;
- Develop affordable housing solutions that serve our local workforce, and advocate for a more inclusive and equitable community;
- Tackle climate change through a coordinated regional effort;
- Protect the Ag Preserve, and promote the

John F. Dunbar

<https://www.votejohndunbar.com/>

JohnFDunbar2022@gmail.com



-Housing affordability, homelessness/poverty and economic sustainability that impact working-class families, seniors on a fixed income and our local workforce

-Protecting our water resources through conservation, water quality control, and expanding the use of recycled water similar to successful efforts done in the Town of Yountville

-Protecting our natural resources, including our agricultural and open space areas, environmental and wildfire protection, water supply and quality, and climate action initiatives

If You Don't Vote Early, You Can't Party on Election Night!

By Peter Kilkus

This is an update of an election story I did on the 2010 Napa County District 3 supervisor's election contest between incumbent Diane Dillon and challenger Jeff Parady. It illustrates the statistics of races with relatively small populations of voters such as Napa County supervisorial districts.

Typically, less than 40% of voters determine the outcome of an election of this type. In District 1 and District 3, send your mail-in ballots early if you wish to have the pleasure of knowing your vote was counted in the election day totals. Any votes counted later, like late mail-in ballots, are irrelevant to the election outcome. See why in the full article below.

"Parady Loses to Dillon – Finally: Statistics Triumphs Again - Why Vote At All?"

My story about the Parady-Dillon Supervisor's race in the last issue of the Lake Berryessa News left some hope for Jeff Parady pulling out a last-minute election miracle.

While the uncounted ballots made up nearly 40 percent of all votes cast in the Nov. 2 election — or nearly a third in the case of the District 3 Supervisor's race — Registrar of Voters, John Tuteur said then that he didn't expect the remaining votes to swing any of the close races.

He stated that in his experience, large pools of voters tend to adhere to the same set of trends, meaning that the final 40 percent of ballots will likely favor the same candidates seen in the first

60 percent.

Tuteur's "experience" has nothing to do with the actual outcome though. That outcome is determined by mathematical statistics, one of the most powerful branches of mathematics, which is responsible for the most profound discoveries in the physical sciences as well as in the social sciences.

In the 3rd Supervisorial District, the race between incumbent Diane Dillon and challenger Jeff Parady remained close, but Dillon was able to hold onto the lead, keeping her seat on the board.

With all the ballots counted, Dillon claimed 4,660 votes, besting Parady's 4,413. Following the final update on Election Night, Dillon held a 161-vote lead over the challenger, with 5,933 ballots counted. I predicted that an upset was possible only if the remaining votes were heavily weighted towards Parady-friendly precincts.

This was not to be the case. Weeks later, Dillon's lead had grown by 86 votes to 247, as 9,798 ballots made up the final count. The basic question is how many votes really need to be cast and counted to determine the likely outcome of a District 3 election (or any election)?

The answer came to me through a Pope Valley connection. Bill Eaton, Vice President of Creative Research Systems (www.surveysystem.com), is also the husband of Pope Valley School's principal, Florence Eaton. Bill read my article and sent me a paper he had written about the basics of statistical sampling.

His web site includes a sample size calculator (www.surveysystem.com/sscalc.htm#two) that illustrates the basic principles behind the ubiquitous political polls we see all the time. The following analysis has been extracted from his article and his web site. His Sample Size Calculator provides the illustrative numerical insights.

The confidence interval (also called margin of error) is the plus-or-minus figure usually reported in newspaper or television opinion poll results. For example, if you use a confidence interval of 4 and 47% percent of your sample picks an answer you can be "sure" that if you had asked the question of the entire relevant population between 43% ($47-4$) and 51% ($47+4$) would have picked that same answer.

The confidence level tells you how sure you can be. It is expressed as a percentage and represents how often the true percentage of the population who would pick an answer lies within the confidence interval.

The 95% confidence level means you can be 95% certain; the 99% confidence level means you can be 99% certain. Most researchers use the 95% confidence level.

When you put the confidence level of 95% and the confidence interval of 4 together, you can say that you are 95% sure that the true percentage of the population's answer is between 43% and 51%. The wider the confidence interval you are willing to accept, the more certain you can be that the whole population answers would be within that range.

The larger your sample size, the more sure you can be that their answers truly reflect the

population. This indicates that for a given confidence level, the larger your sample size, the narrower your confidence interval. However, the relationship is not linear (i.e., doubling the sample size does not halve the confidence interval).

As Bill points out in his article, “To achieve a 4% confidence interval in a sample you need to survey 600 people. To halve that error to 2% you need a sample of 2400 or four times as many. Once you get over a population size of 10,000 it makes little difference and once you exceed 50,000 there’s none really. So we can effectively define a large population as larger than 10,000.”

“Does it make a difference whether you have a large population (universe) or not? Not really! Again, the same law of large numbers applies. To get a 2% confidence interval of my nearest city (Santa Rosa, California), which has a population of about 150,000, I need a sample of 2,360. To get the same 2% confidence interval on the population of the USA (308 million in 2010) I need a sample of 2,400 – that’s right, only 40 people more.”

How do we apply this analysis to our local election? The population of registered voters in District 3 is approximately 13,000 – technically a large statistical population. To win an election, a candidate basically needs 50.1% of the vote. Using the Sample Size Calculator we can determine a range of possible sample sizes and confidence levels.

Let’s investigate the accuracy of the original vote count of 5,933 (our sample size, 45.6% of registered voters). The vote count showed that Diane Dillon was ahead by 161 votes with 51.4% of the vote. At a 99% confidence level, that percentage lead was accurate with a confidence interval of 1.23. Her actual percentage lead in the whole population of voters was thus statistically between 52.6% and 50.2% - more than enough to win.

How did that change with the final vote count in? The final sample size was 9,798 votes. Dillon’s lead had actually remained at 51.4% of the vote. The confidence interval, though, had narrowed to 0.65. Therefore, only 5,933 votes (45.6% of registered voters) accurately predicted the outcome. Counting the remaining votes was superfluous (assuming a perfectly random sample of voters).

The unintended consequence of a statistical approach to voting is that it reinforces the concept that we don’t all really need to vote. The 3,865 votes that were not counted originally made no difference to the outcome of the supervisor’s election! Why should they have even bothered to vote at all?

Assuming that the total number of votes (9,798) equates to the sample size and we want a 99% confidence level that the outcome (51.4%) is representative of the whole population, we have a confidence interval of 0.65. This means that we can be 99% sure that if the whole population of registered voters had voted, the winning outcome would be between 52.1% and 50.8% in favor of Dillon.

Before this exercise in statistics becomes too mind-numbing (if it hasn’t already), what does it say about how many votes are actually needed to predict an outcome. If we wish to have a 99% confidence level in a population of 13,000 voters that one candidate will receive 50.1% of the vote or more, the number of actual votes counted would have to be 7,299, or only 56% of the 13,000 registered. This would be considered a close election.

More typically, if we want a 95% confidence level (the level used in most surveys) with a confidence interval of 2% that a candidate will win with 52% of the vote (50%-54%) in a 13,000-voter population, we only need 5,500 votes cast (42% turnout).

This is the main reason political organizations work to “get out the base”. Especially in closely contested elections, the more advocates of a specific political view go to the polls, as opposed to a random sample of voters, the more chance that view can have an influence in a close election. In this case, lower voter turnout favors the more active “get out the vote” proponents.

So what did we learn? Typically, less than 40% of voters determine the outcome of an election. In District 3, send your mail-in ballots early if you wish to have the pleasure of knowing your vote was counted in the election day totals.

October Horoscopes

Aries (3/21-4/19): Any joke you have to seriously think about today is not worth 'getting'.

Taurus (4/20 – 5/20): Money makes the world go round only in a metaphorical sense. Now that you understand that, try not to embarrass yourself in front of other by declaring that other metaphorical phrases are indeed based on science and physics.

Gemini (5/21 – 6/21): Watch out for overweight dogs when it's raining.

Cancer (6/22-7/22): Today may seem like an extraordinary opportunity to get even with the world, but the world may have different ideas.

Leo (7/23-8/22): The Nigerian bank that is holding your email-friend's money does not exist.

Virgo (8/23-9/22): You have a personality that makes people smile, and that is worth exploiting today in any way you see fit.

Libra (9/23-10/22): When things are looking down, sit yourself down on the nearest swivel chair and spin. If that doesn't raise a smile, then I'm all out of ideas.

Scorpio (10/23-11/21): Many of the truths you desperately cling to are beset by the fact that you read only comic books and talk to children.

Sagittarius (11/22-12/21): Any film you watch over the coming weekend will stay with you forever. Please ensure the film is not Tomb Raider.

Capricorn (12/22-1/19): You shall achieve the pinnacle of success because of your total lack of ethics

Aquarius (1/20-2/18): You have reckless tendency to rely on luck since you have no talent.

Pisces (2/19-3/20): Before you spend any time being productive today, you should consider giving up. Productivity implies work, and hard work is the evil that drives capitalism. You're better than that.

Some Visual History

Thanks to Carol Fitzpatrick for these black and white photos from 1977. You can see that the lake was low at this time - 388', 52' below Glory Hole.



3-5-77

BR-BRA 6-29

Berryessa Pines 1977



8-5-77

Rancho Monticello
1977

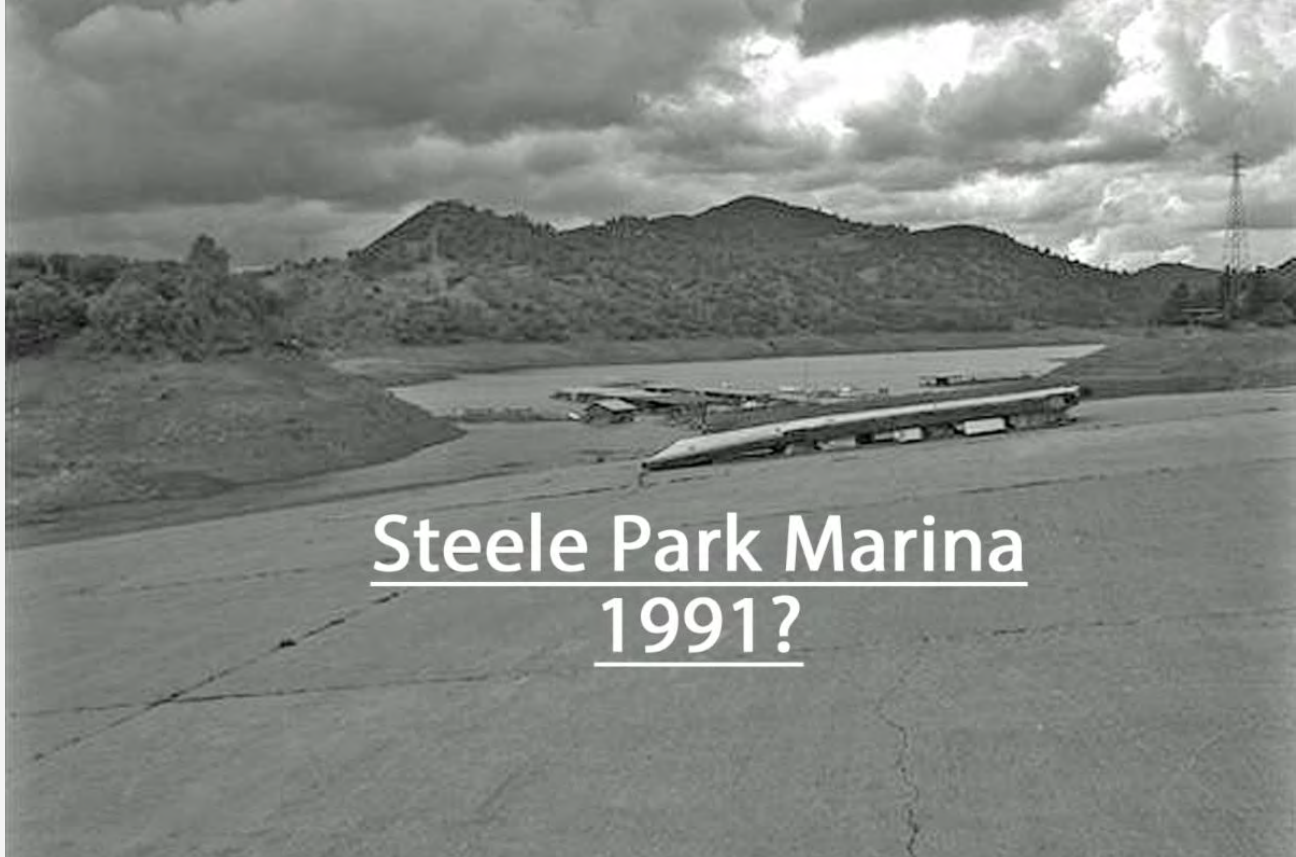


Spanish Flat 1977



One More History Photo

So you think the drought is bad now and the Steele Canyon launch ramp is hard to use. Here's an old photo I found of Steele Park during a major drought. This may have been the drought of the early 1990s. The whole marina was floated out into the cove looking toward Spanish Flat. The water level was only 362' - 78' below Glory Hole at only 25% capacity - the lowest in the history of the lake.



Don't We All Wish We Could Sometimes Say What We Really Think On Social Media?

For those of us who have been teachers and had to read some really bad papers, or gasp at the stupidity of some of the things we see on social media, and wish we could respond truthfully, this is refreshing:

Student: I don't understand why my grade was so low. How did I do on my research paper?

Teacher: Actually, you didn't turn in a research paper. You turned in a random assemblage of sentences. In fact, the sentences you apparently kidnapped in the dead of night and forced into this violent and arbitrary plan of yours clearly seemed to be placed on the pages against their will. Reading your paper was like watching unfamiliar, uncomfortable people interacting at a cocktail party that no one wanted to attend in the first place. You didn't submit a research paper. You submitted a hostage situation.

October Headlines

NASA Panics After Asteroid Fires Back

Free-Spirited Man Informed It Time To Grow Up And Stop Being Happy

6-Year-Old Didn't Cause Parents' Divorce, But Didn't Exactly Step Up To Prevent It Either

Referees Call For Replay To Admire Great Call

Experts Say It Not Too Late To Change Careers At 50, Though They Sure As Heck Wouldn't

Scientists Capture Audio Of Beetle Colliding With Paper Clip For First Time

Far-Right Republican Wondering What He Has To Do To Get Media To Stop Calling Him

Moderate

Disney Wins Emmy For Best Profits

“Fine, cook your chicken in NyQuil,” says exasperated FDA Official

Millions of Latin Americans cross border after hearing that Ron DeSantis will fly you on private jet to the richest part of US for free.

Netflix Announces Original Series Based On History Of Netflix, Called 'Netflix', To Be Released On Hulu

U.S. To Start Selling Advertising Space On Dollar Bills

Texas Board of Education Approves New Curriculum Omitting Existence of 20th Century

NAPA COUNTY WILDFIRE FORUM WITH NAPA FIREWISE
OCTOBER 12 @ 6:00 PM

<https://napafirewise.org/event/community-wildfire-forum/>

WILDFIRE IS INEVITABLE. PREPARATION IS SMART. WE'LL SHOW YOU HOW!

NAPA COUNTY WILDFIRE FORUM WITH NAPA FIREWISE

WEDNESDAY, OCTOBER 12, 2022, 6PM-7PM – ZOOM WEBINAR

An informative, concise overview on wildfire preparedness in Napa County, presented by the Napa Firewise (Napa Communities Firewise Foundation, or NCFF) team and CAL FIRE Napa County Fire. You won't want to miss this informative wildfire preparation event featuring experts from Napa Firewise!

REGISTER NOW

https://us02web.zoom.us/webinar/register/WN_Y7cIxdOIRqesXXIRk43MSw?fbclid=IwAR3hb-4YD3m0RuWh5A-NRMhhSq0HEWzwlQF7OI7SVMTodRFb6KkSoaUS408

TOPICS:

Wildfire risk in Napa County

Who is Napa Firewise, and what are we doing?

It's a WRAP! How to make Napa County more wildfire resilient

Money: Why we need it, how we get it, how we put it to work

How to make your property more Firewise, and why it matters

What's a Fire Safe Council, and how to get involved

Innovative Pilot Programs: Defensible Space Cost Sharing and Reflect to Protect 911 Signage

Seasonal Closures at Lake Berryessa

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Maps, information, and America the Beautiful and Lake Berryessa annual passes are available during operating hours.

For information on activities, fees, directions, pet restrictions or other questions, call the visitor center at 707-966-2111, ext. 113, the Lake Berryessa Administration Office at 707-966-2111 (TTY 800-877-8339) or visit www.usbr.gov.

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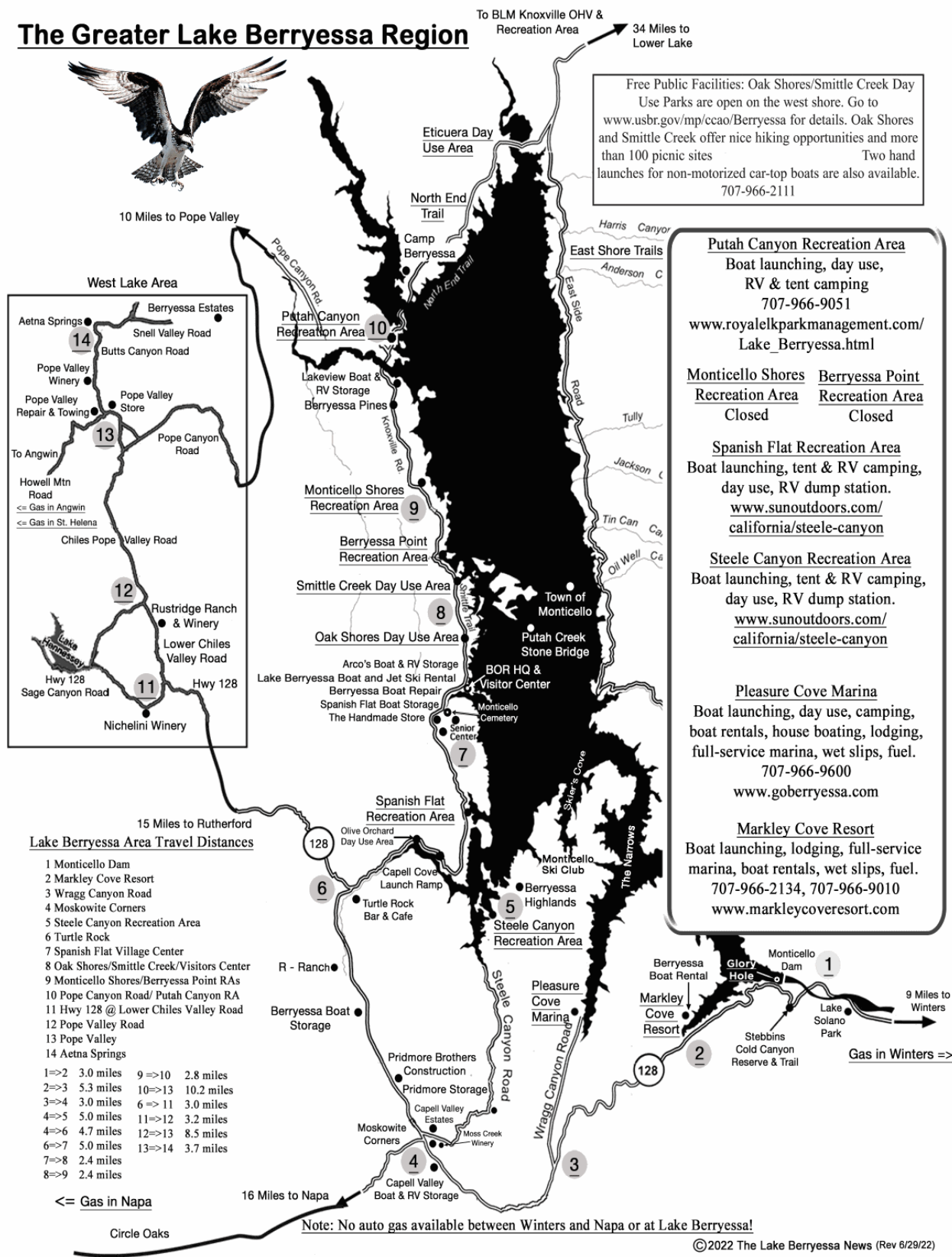


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Community Project Planning

Updated Lake Berryessa Map (June 29, 2022)

The Greater Lake Berryessa Region



Peter Kilkus | 1515 Headlands Drive, Napa, CA 94558 | 415-307-6906 | pkilkus@gmail.com



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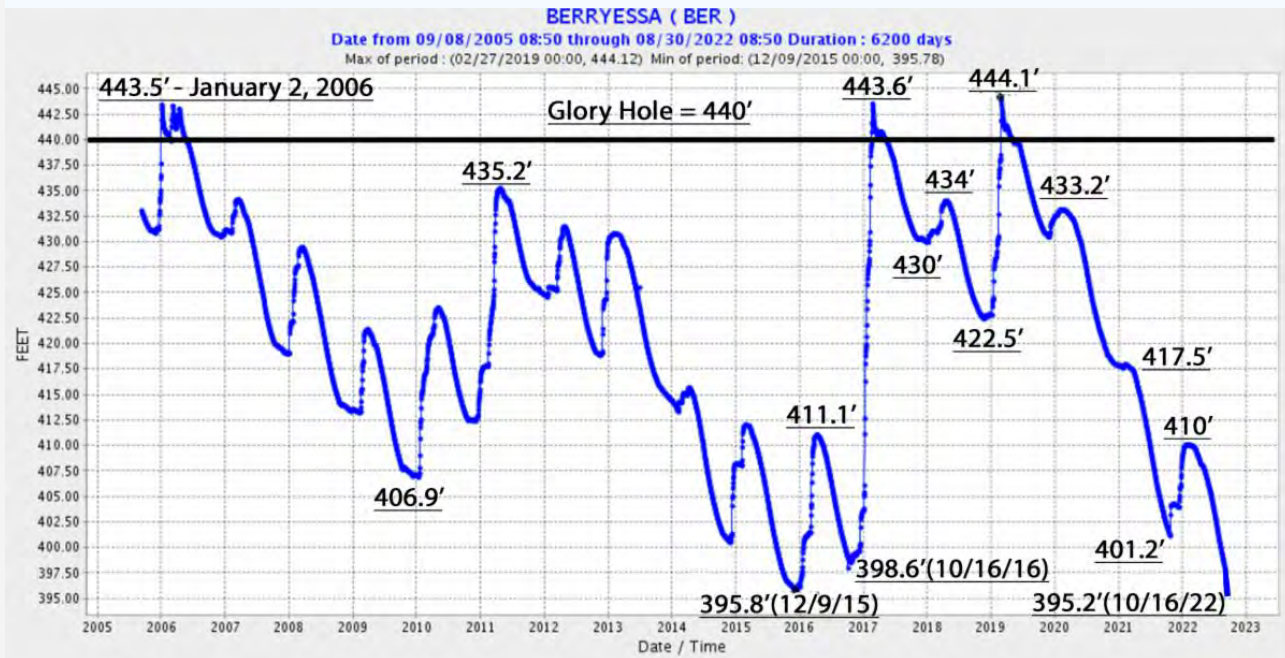
Lake Berryessa News, October 16, 2022

The print version of the Lake Berryessa News is on hiatus and will return in April, 2023. I will continue to keep the Lake Berryessa News website updated (www.LakeBerryessaNews.com) as well as the Lake Berryessa News Facebook page (<https://www.facebook.com/Lake-Berryessa-News-114810958535085/>). I intend to publish this email newsletter twice per month. Please forward it to anyone you think may be interested.

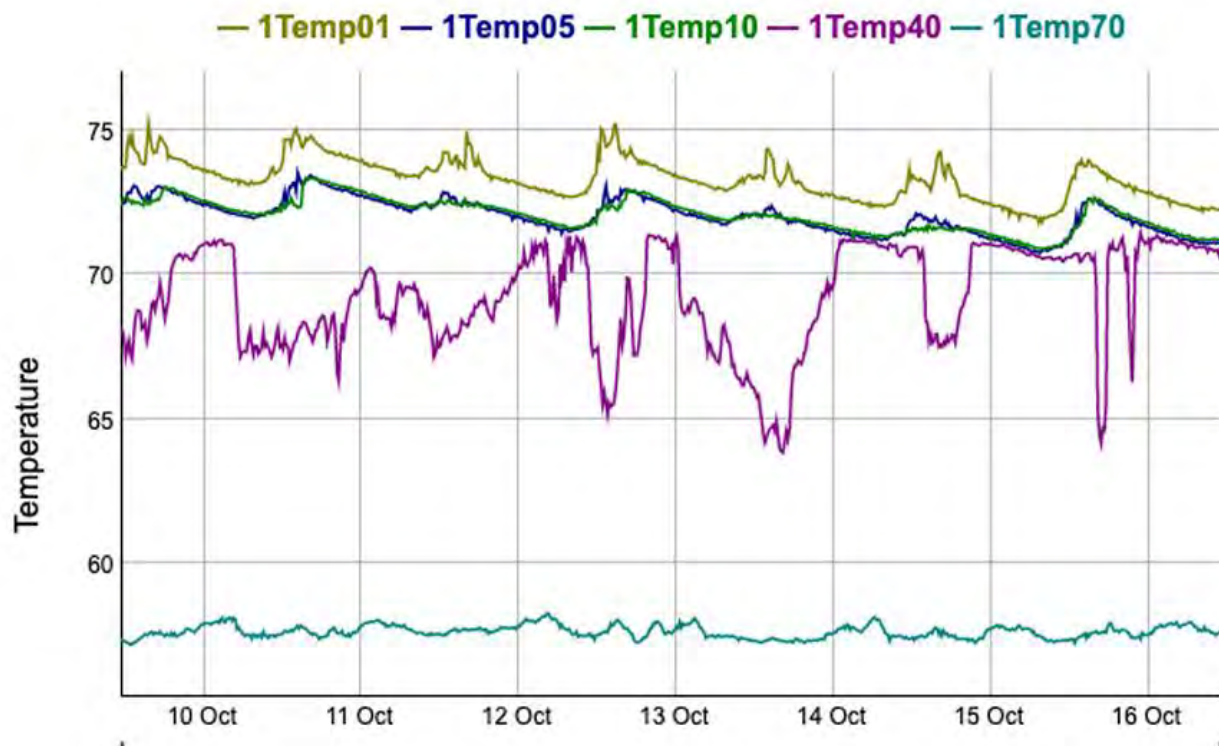
Lake Berryessa Statistics (10/16/22)

The lake is now down to 395.2 feet - 44.8 feet below Glory Hole. The level is now 7 inches below the lowest level reached during our last drought, 395.8' on December 9, 2015.

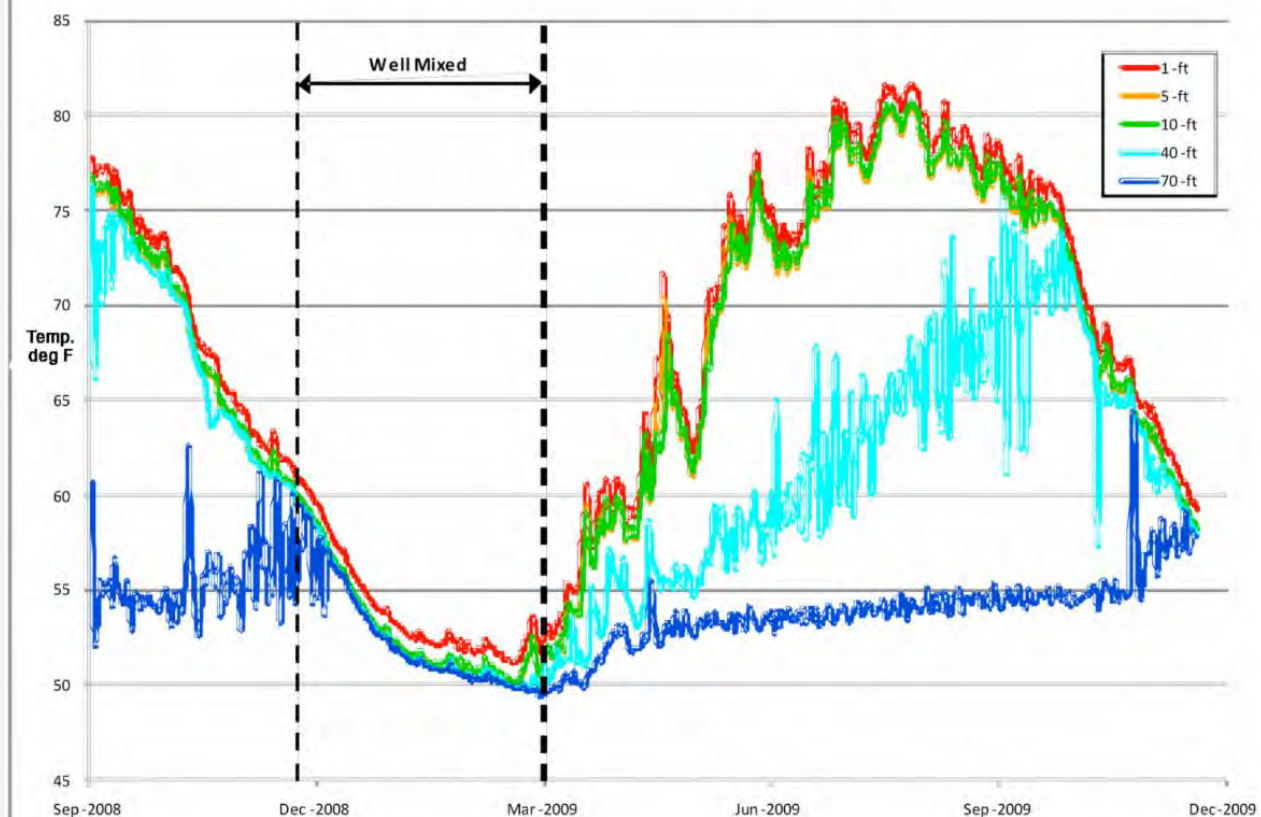
The Gamble Gauge is at 52% capacity. Surface water temperature has dropped to 72 degrees from the surface to 40 feet down. Temperature is around 58 degrees at 70 feet and below. The lake is slowly moving towards "turnover" when the lake reaches the same temperature from top to bottom. What is [Turnover](#)?



Lake Berryessa - Temperature



Lake Berryessa Temperature Profile



20 for 23 Program is in Full Swing

Support the Lake Berryessa News in 2023

Thanks to those of you who have already donated. We are on our way to be able to publish the Lake BerryessaNews next year. But we still need more support from our readers. Your financial support is vital so that the Lake Berryessa News can continue to publish in 2023. Experience

shows that without THE LAKE BERRYESSA NEWS, there would be no Lake Berryessa news!

If you like the Lake Berryessa News in all its forms please send a donation check of \$20 (or more if you feel so inclined) made out to Peter Kilkus (not the Lake Berryessa News) and mail it to Peter Kilkus, 1515 Headlands Drive, Napa, CA 94558. If you trust the US Postal Service, you can stick a crinkly old \$20 bill in an envelope with your information and send it to the same address. You can also use Venmo or Paypal if you wish. My account is under the name Peter Kilkus. You can contact me directly call 415-307-6906 or email me at pkilkus@gmail.com. (Note: Your donation is NOT tax deductible)

Your decision to support the Lake Berryessa News will show your vote of confidence in the future of the Lake Berryessa community. I'll continue to do my best to keep you informed about every detail affecting the lake community.

Thanks. Peter

Lake Berryessa Launch Ramps

The ramps are open, but generally with a single ramp in a "use at your own risk" state. Check with the resort for the latest status:

Markley Cove, 707-966-2134, www.markleycoveresort.com

Pleasure Cove Marina, 707-966-9600, www.goberryessa.com

Steele Canyon Recreation Area, 707-966-9410, www.sunoutdoors.com/california/steele-canyon

Spanish Flat Recreation Area, 707-966-0200, www.sunoutdoors.com/california/spanish-flat

Putah Canyon Recreation Area, 707-966-9051, www.royalelcparkmanagement.com

The Capell Launch ramps is closed for obvious reasons! (See photo below.)



Napa Supervisor Elections

District 1 Supervisor Brad Wagenknecht and District 3 Supervisor Diane Dylan Retire

The candidates running to replace them are:

District 1: Joelle Gallagher, Suzanne Besú Truchard

District 3: John F. Dunbar, Anne Cottrell

See their short profiles below but go to their websites for details:

As publisher of the Lake Berryessa News and president of the Lake Berryessa Chamber of Commerce my focus is obviously on Lake Berryessa issues. A new candidate's position on Lake Berryessa issues is critical to me even though I'm in District 4 and cannot vote for any of these new candidates. I have asked each candidate only one question:

"What is your position regarding the revitalization of Lake Berryessa and the Lake Berryessa recreational, business, and residential communities now that Napa County has taken over management of the Lake Berryessa resorts under the Managing Partner Agreement (MPA) with the Bureau of Reclamation?"

I also sent each candidate copies of the primary documents regarding the present situation at the lake which they will have to manage. Their responses are included in their candidate's information below.

District 1



Joelle Gallagher
<https://www.gallagher4supervisor.com/>
joelle.gallagher@gmail.com

Response to question and document package
sent: "Thank you Peter!"

Suzanne Besú Truchard
suzannefornapa.com
sbtruchard@gmail.com
suzanne@suzannefornapa.com

No response to question or document
package sent from the Lake Berryessa
News.



District 3



Anne Cottrell
<https://www.annecottrell.com/>
anne.l.cottrell@gmail.com

Response to question and document package
sent: "Thanks for these documents, they'll be
very helpful."

Anne also contacted me and we had an
enlightening one-hour meeting regarding
Lake Berryessa issues. She is very supportive
of the Lake Berryessa community's needs
and the County's new responsibilities with
regard to the lake.

John F. Dunbar
<https://www.votejohndunbar.com/>
JohnFDunbar2022@gmail.com

Response to question and document package
sent: "Thank you for sharing this information. I
look forward to engaging with you and Leigh

Sears, as well as members of the Lake Berryessa community, to learn more about your priorities and ways we can revitalize the area for the public good."



The Lowest Lake Level in History
The Lake Berryessa Drought of 1990-1993

Published: December 2, 1990

An old bridge has risen from the water as the inundated town of Monticello re-emerges from an artificial lake that is receding after four years of drought. With each dry day, receding Lake Berryessa reveals more remains of the town outskirts, once a thriving farming community before the Government claimed it for a dam and reservoir in the 1950's.

"There was almost nothing left when they got through," remembered Harold Moskowitz, 64 years old, who was reared in Monticello and now lives near the dwindling lake, about 50 miles northeast of San Francisco. "They paid us off, gave buildings away, tore some down and burned some. What they couldn't burn they buried. The only thing left would be some streets and foundations. They didn't leave anything over six inches high, even the trees. It was a sad thing to lose that town."

Now, hundreds of tourists and former residents are coming to the lake and to this town near the bridge to glimpse the past.

"I was born in the valley and was about 10 years old when it went under," said Ronnie McGuinnis, a maintenance worker for the Federal Bureau of Reclamation, which manages the lake and recreational area. "I think people are coming back because they are still distressed and remember being uprooted. They couldn't believe it was possible that this gigantic Government could come in and tell them to get out. It's almost like we were Indians, and they wanted our land."

About 500 people lived in the valley, but their number dwindled to about 125 by the 1950's, when water was getting scarce as Northern California grew. The Federal Government formed a plan with Solano County to dam Putah Creek to create a reservoir in the valley, which sits mostly in adjacent Napa County.

The 1,000-foot-long, 304-foot-high Monticello Dam created a reservoir that supplies the county and serves as a recreation area for seven resorts. Lake Berryessa normally is 3 miles across at its widest point and 26 miles long but is about one-third that size after losing 60 percent of its water. This week, the lake surface fell to 377 feet above sea level -- nearly 12 feet lower than during the drought of 1976-77 and 63 feet below normal. The average 30 inches of rain a year at the lake has dropped by half since the 1986 floods, causing the lake level to fall 15 to 20 feet

annually.

"If it doesn't rain, this lake could dry up in a few years, then you'll really get to see the whole town," said Jim Peterson, maintenance foreman for the Bureau of Reclamation.

Downtown Monticello remains under 50 to 60 feet of water, but outlying areas are being revealed as the lake dries up -- a foundation here, an old swimming pool there, along with sunken boats, motors, fishing poles and tennis shoes. Indian artifacts also have been found. Roads unused for decades have fresh tire tracks from explorers while the 1941 bridge, under water until this summer, is marked by muddy footprints as the span sits six feet above the lake's surface.

"People can walk across if they want, but it doesn't go anywhere," Mr. Peterson said. "For some reason, though, we're getting a lot of visitors even though there's not much to see except a few concrete slabs."

Arnold Roessler, a park ranger who is busy these days telling visitors how to find the emerging bits of the past, said people are searching for more. "It's too bad about the drought, but some people are hoping that it continues just so we can see what's really down there," he said. "It's like a developing mystery."

See a helicopter news video of the low lake at:

www.lakeberryessanews.com/_Media/1-town-of-monticello-surfac.mp4

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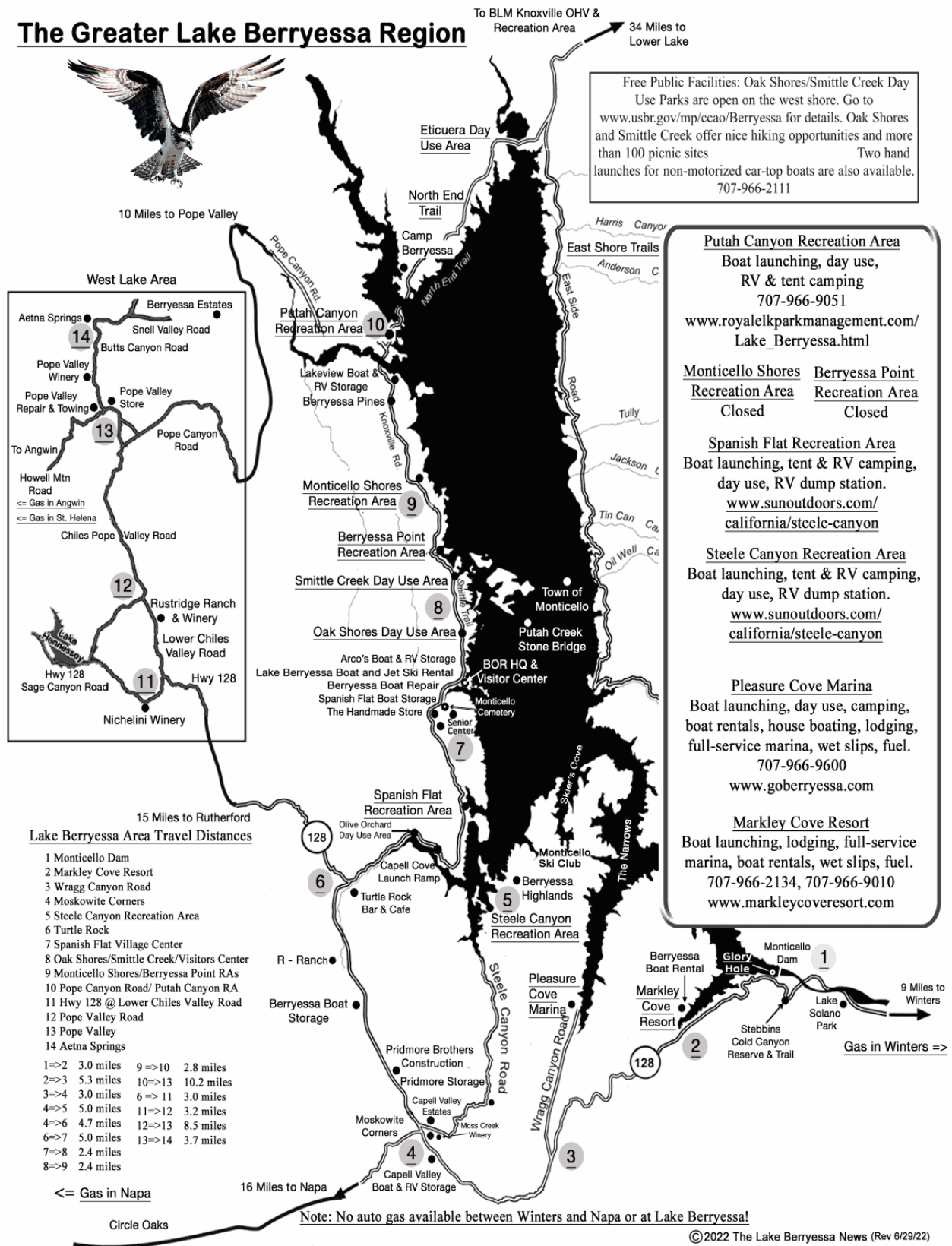
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