



RWEPAC

January 12, 2021

WELCOME

Introductions

- Name
- Organization
- What's your birthday?
- How do you celebrate?



***WRITE ANSWERS IN THE CHAT BOX ON GOTOMEETING**

BE WATER SMART

Agenda

- Welcome and Introductions
- November 2020 Meeting Notes
- Presentation: MOSAC/Powerhouse Science Center
- Presentation: CalWEP
- Program Updates
- Agency Announcements
- Adjournment



BE WATER SMART

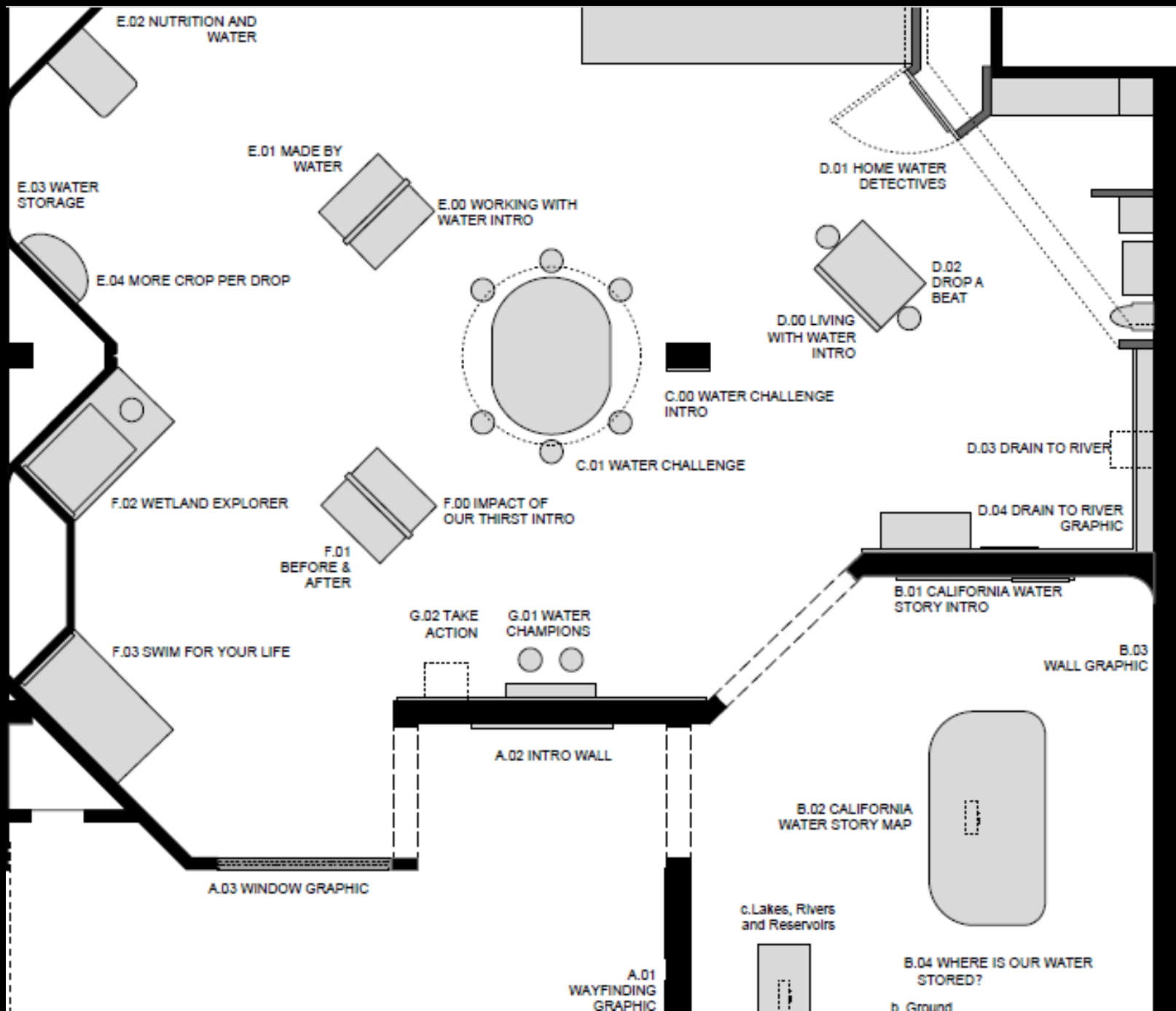
Meeting Notes

- November 2020
- Approve and post online?



Presentation: MOSAC

- Powerhouse Science Center = SMUD Museum of Science and Curiosity (MOSAC) as of September 2020 www.visitmosac.org
- The rebranding will not impact RWA's sponsored exhibits: Water Challenge and Water Champions.
- RWA continues to meet with MOSAC's design team, West Office and RLMG, to finalize exhibit audio, visual and educational content.
- We expect exhibit production and installation to start in early 2021 with the official public opening by late 2021.



10'
9'
8'
7'
6'
5'
4'
3'
2'
1'



SAVING WATER AT HOME

Murals and Circle Graphics TBD



Wash, rinse, don't repeat

Take a 5-minute shower instead of a 10-minute shower and save 9 gallons.



Using a WaterSense labeled showerhead can save the average family more than 2,700 gallons of water per year. That's how much water it takes to wash 88 loads of laundry.

Turn the shower handle
for water-saving tips.



Can you complete this poem?

With all good things in life
There have to be limits.

When it comes to showers
Keep them to 5 _____.

Lift the flap for the answer. →

Answer: **minutes**

Also use a WaterSense
labeled showerhead to
reduce water use by 30%

Stop the leaks

To see if your toilet has a leak, drop a dye packet or some food coloring in the tank. If you see the dye color in the toilet bowl after 5 minutes, then you likely have a leaky flapper.

*Flush the toilet for
water-saving tips.*

Can you complete this poem?

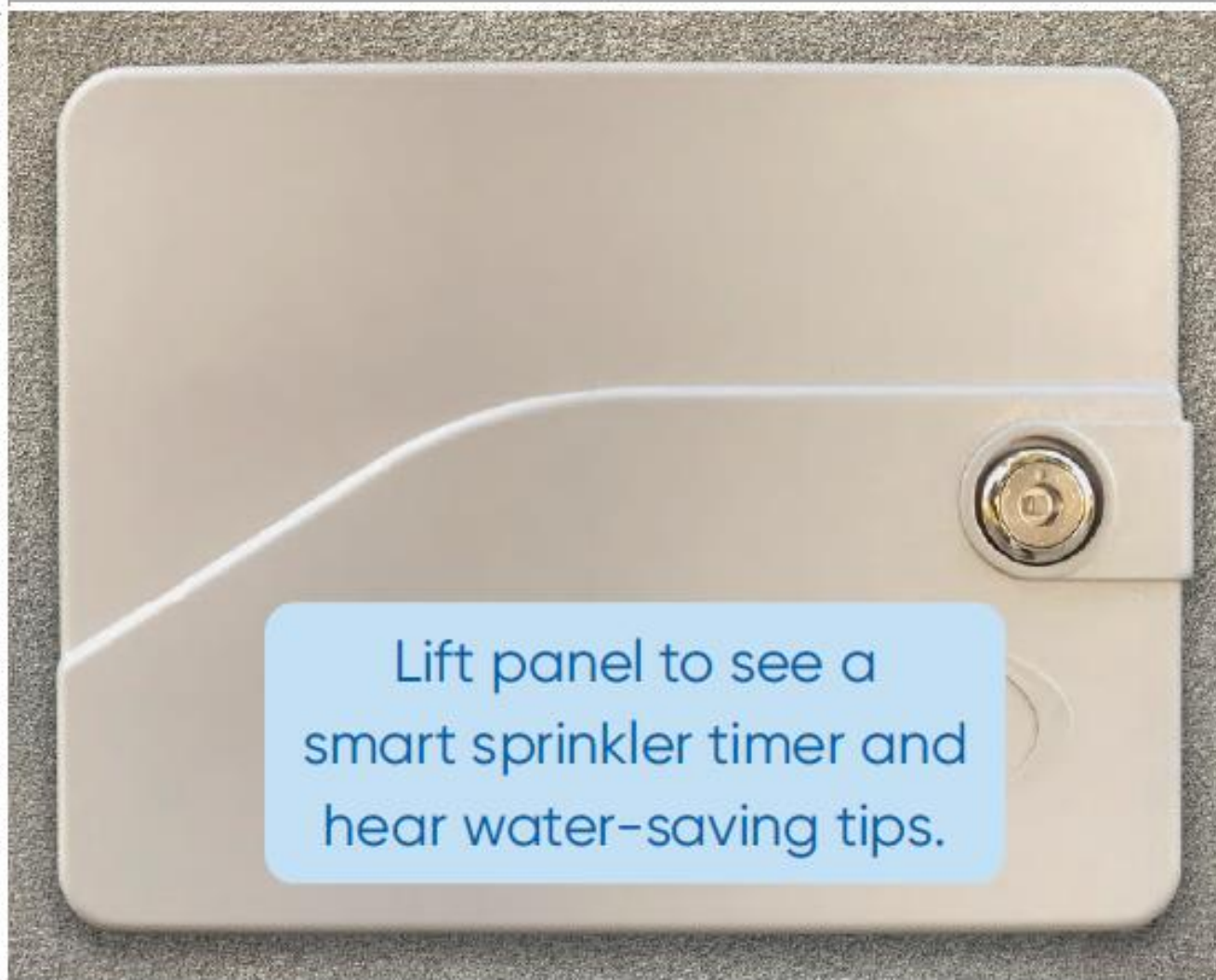
When the toilet keeps running,
You had better take a **peek**.

Often flappers need replacing
If you're going to stop the _____.

Lift the flap for the answer.

Answer: **leak**

You can find replacement
toilet flappers at your local
hardware store.



Lift panel to see a
smart sprinkler timer and
hear water-saving tips.



Wake up and water

Water lawns and plants in the early morning before it gets hot. Try not to do it in the afternoon when much of the water will be lost to evaporation.

To make sure water goes only where it's needed, use a hose spray nozzle that has a trigger.

Can you complete this poem?

No one waters when it's hot
Except a water fool.

Water in the morning,
When the day is still _____.

Lift the flap for
the answer.

Answer: cool

When you water on a hot day,
30% of the water can be lost
to evaporation.



Squeeze the hose spray nozzle
for water-saving tips.



Mulch it!

Woodchips, compost, grass clippings, and hay work well as mulch. Put mulch on exposed soil around plants and trees to insulate roots and keep moisture in. Mulch also enriches the soil and controls weeds.

D.01 Home Water Detectives

VISITOR EXPERIENCE

Visitors will explore a stylized representation of a home and backyard, to learn about how they can save water in each location where water is used in their daily lives. There are nine physical audio triggers in the exhibit space which will play short audio clips when engaged by a visitor. When a physical trigger is engaged, it will play one of four related sounds, a lighthearted conservation message mini-scene and/or one of three sound effects. The inclusion of multiple audio clips at each location is intended to maximize engagement and replayability.

ADDITIONAL NOTES

Testing in production will help determine if a delay is needed between the four sound effects playing at each respective trigger.

AUDIO TRIGGERS

Bathroom:

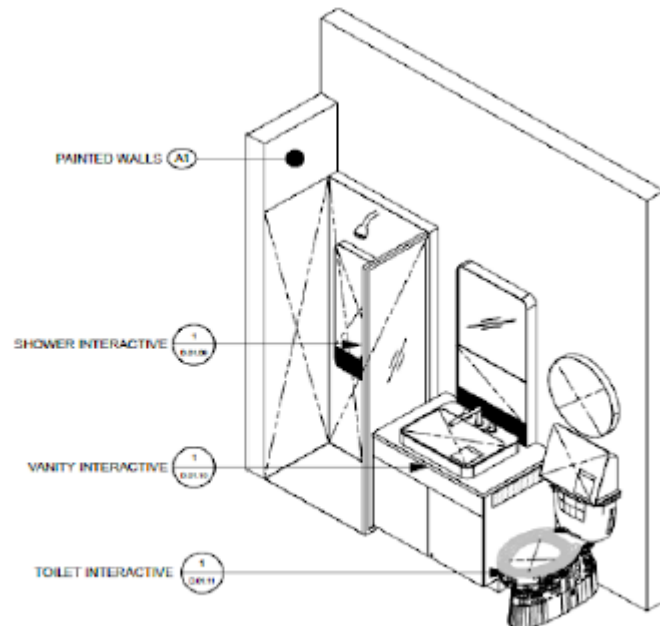
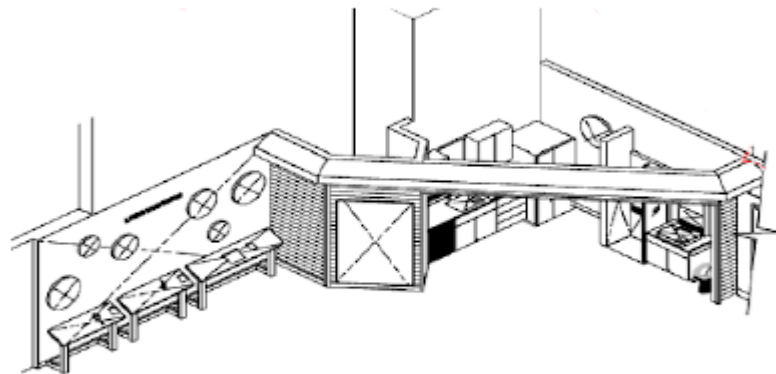
- Toilet Flush Handle
- Sink nozzle
- Shower

Kitchen:

- Refrigerator door
- Dishwasher door
- Sink nozzle

Outdoor:


- Irrigation system controller
- Hose nozzle
- Trowel



Choose conservation actions below to build your beat.

Total gallons of water saved per year:

00 

 | clear all



actions:



 start over



Choose conservation actions below to build your beat.

Total gallons of water saved per year: **120**

X | clear all



Take shorter showers.
Lorem ipsum dolcit



Water your garden in
the morning.



Take shorter showers.
Lorem ipsum dolcit



Water your garden in
the morning.



Take shorter showers.
Lorem ipsum dolcit



Water your garden in
the morning.



actions:



start over



send it!



10'
9'
8'
7'
6'
5'
4'
3'
2'
1'

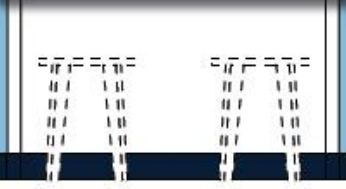
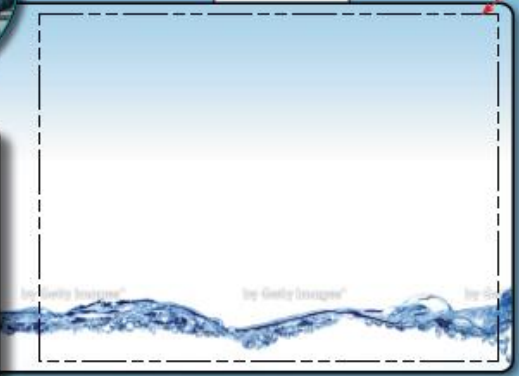
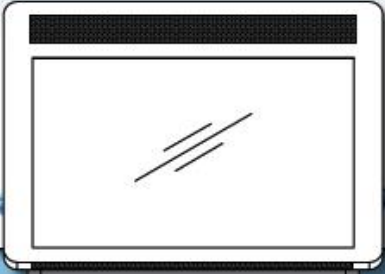


Water champions

California's future is at stake. These water champions are taking action.

Who are water champions? They are individuals and groups who are committed to the protection and improvement of our water resources. They are individuals and groups who are committed to the protection and improvement of our water resources.

Water champions recognize that water is a precious resource and that it is our responsibility to protect and improve it for future generations.



Pa

- UC DAVIS-
SmartLandscape Project
- Nigiri Project
- Caring for Our
Watershed
- Water Forum-River
Habitat Project
- Everyday People



BE WATER SMART

Presentation: CalWEP

- Sarah Foley and Tia Lebherz
- Executive Directors, California Water Efficiency Partnership



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BE WATER SMART

Program Updates

- i. DWR Landscape Data
- ii. Water Forum
- iii. Customer Webinars
- iv. Trainings (water loss and landscape)
- v. UWMPs-Regional WEP Template Text



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RWA Water Efficiency Program Update

January 12, 2021

- **DWR Landscape Data Delivery**

San Juan Water District, City of Roseville and Elk Grove Water District have received their DWR landscape budget data and associated reports. It looks like DWR is releasing data region by region. Please check within your own agency to see if you have also received data from DWR. Let's discuss what agencies are doing with the data in terms of reviewing to provide feedback to DWR during the RWEFAC meeting on the 12th.

- **Water Forum**

The Water Forum Agreement is in the process of being renegotiated. This includes the renegotiation of the conservation element. A workgroup has been formed to oversee changes to this element. The workgroup includes a variety of stakeholders (environmental, business, and water supplier management) including water efficiency technical staff. Current representatives from the RWEFAC include Greg Bundesen (SSWD), William Granger (Sacramento), Linda Higgins (PCWA) and Amy Talbot (RWA). The first 2021 meeting of the workgroup was held on January 6th and included presentations from Amy Talbot, Linda Higgins and Bobby Alvarez (Roseville) focused on providing workgroup members an overview of conservation and efficiency efforts currently undertaken in the region and what future efforts may look like in the context of the Water Forum. This workgroup is expected to remain regularly active into the spring of 2021.

- **Customer Webinars**

We have now scheduled 6 customer webinars for 2021. Each webinar will be hosted on Zoom and will be scheduled for 1 hour. Agency partners will have the option to promote their related local programs and rebates on the webinar. Registration is open to all customers in the region. For a full schedule of dates and registration information: <https://bewatersmart.info/webinars/>

Webinar topics include:

- Do's and Don'ts For Front Yard Renovations
- Young Tree Pruning
- Landscape Design with Cost in Mind
- How Much Water Does Your Landscape Really Need?
- Drought Tolerant/Mediterranean Climate Gardens
- Creating a Pollinator Garden

- **Trainings (Water Loss and Landscape Budgets)**

The CA NV AWWA Section is creating a **water loss training** for late January/early February focused on teaching water suppliers about the State Water Board's recently released draft economic model. RWA will forward the training and registration information when available. There will be a fee for this training. If you would like to see additional training topics, please let me know.

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The **landscape budget training**, in partnership with Land IQ, is scheduled for February 4th from 10 am to 3 pm. The training will be held virtually and is open to all water supplier staff. RWA sent out a calendar invite and email with the GoToMeeting information. The final agenda is below.

AGENDA

PART 1: LANDSCAPE BUDGET 101, 10:00 AM-12:00 PM

Housekeeping: Everyone please write name and agency in the comments section, mute unless talking

10:00 – 10:15 Introduction (Mica Heilmann, Land IQ)

- Project overview and review of agenda
- Q&A session at the end of each presentation

10:20 – 11:10 What is a landscape budget? (Adriana Delucchi & Mica Heilmann, Land IQ)

- Basics of a water budget calculation
- Components of the water budget (working backwards to parcel classification)
- Complications to look out for when doing budgets

11:10 – 11:40 Current Regulation Overview (Amy Talbot, RWA)

- Current status and timeline of DWR Urban Landscape Analysis
- Pieces we still don't know
- DWR deliverables to water suppliers

11:40 – 12:00 Comparison of Land IQ and DWR Methods (Mica Heilmann, Land IQ)

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PART 2: APPLIED LANDSCAPE BUDGET, 1:00 PM-3:00 PM

1:00 – 1:10 Introduction (Mica Heilmann, Land IQ)

- Overview of topics in this session
- Q & A session at the end of each presentation

1:10 – 1:40 What can I do with my Landscape Budget? (Adriana Delucchi, Land IQ)

- Compare with DWR assessment
- Compare with meter data: Am I over or under budget?
- Calibrating your budget to actual use and evaluating higher and lower users.

1:40 – 2:40 The Story of a Parcel? (Adriana Delucchi & Diya Chowdhury, Land IQ)

- Landscape Classification: segmentation, training, land use classification (grass, tree, etc.) to irrigability classification (irrigated, irrigable)
- Demand Calculation: taking land use and irrigability data and calculating theoretical/target demand

2:40 – 3:00 Next Steps (Mica Heilmann, Land IQ)

- What can an agency do in-house?
- What can an agency do with help from Land IQ?
- What action can you take with DWR?

Please don't say drought

Late December Storms Not Enough to Offset California's Dry Fall

Published: Dec 30, 2020



The first snow survey of the 2020-2021 water year is conducted December 30, 2020 at Phillips Station. DWR/2020

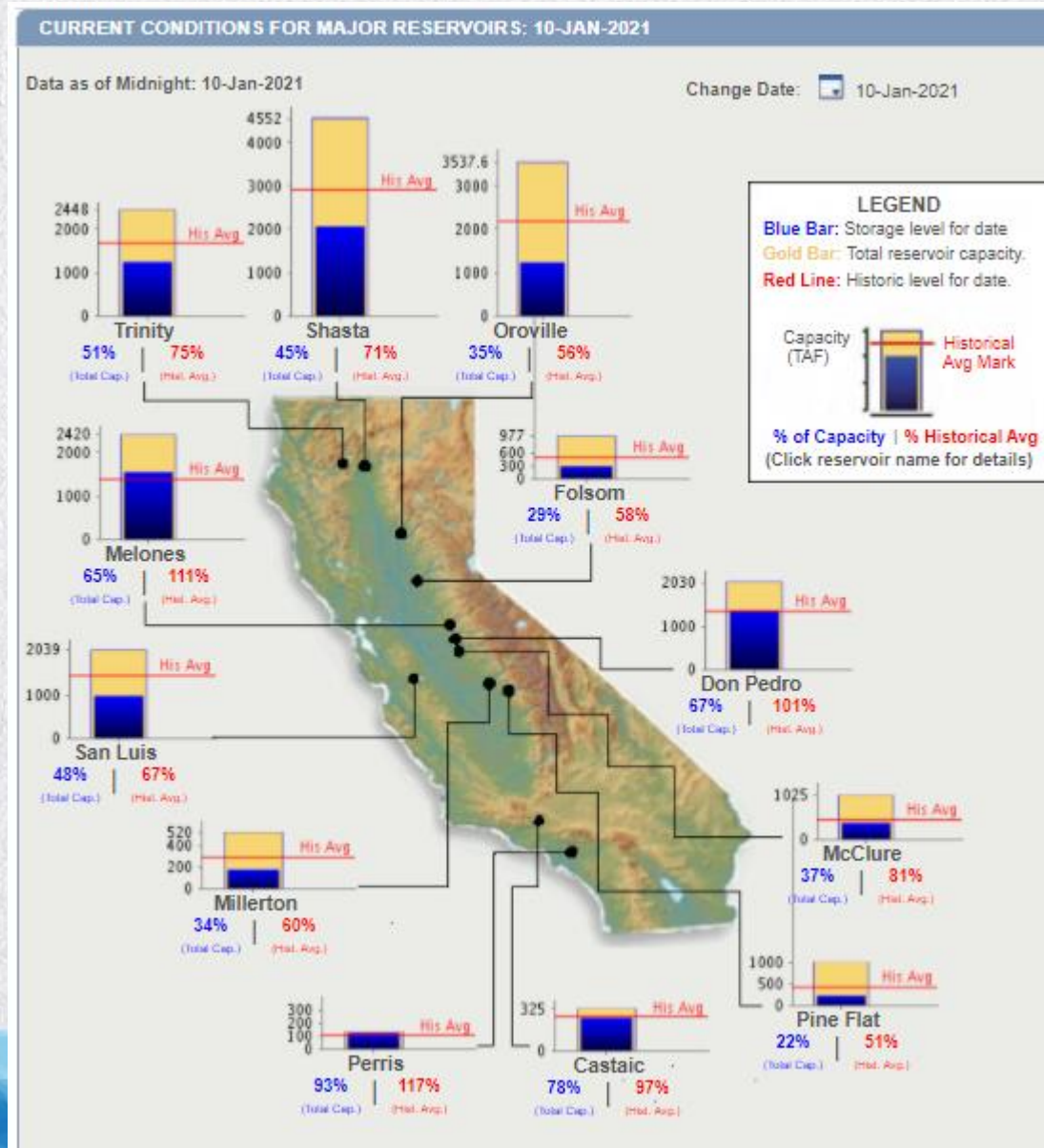
SACRAMENTO, Calif. – The Department of Water Resources (DWR) today conducted the first Phillips Station snow survey of the season. The manual survey recorded 30.5 inches of snow depth and a snow water equivalent of 10.5 inches, which is 93 percent of the January 1 average for this location. The snow water equivalent measures the amount of water contained in the snowpack and is a key component of DWR's water supply forecast. While conditions were positive at Phillips Station, statewide the snowpack is just 52% of average for this date.

“The snow survey results reflect California's dry start to the water year and provide an important reminder that our state's variable weather conditions are made more extreme by climate change,” said DWR Director Karla Nemeth. “We still have several months left to bring us up to average, but

we should prepare now for extended dry conditions. The Department, along with other state agencies and local water districts, is prepared to support communities should conditions remain dry.”

On average, the Sierra snowpack supplies about 30 percent of California's water needs and the snowpack is an important factor in determining how DWR manages the state's water resources. Its natural ability to store water is why the Sierra snowpack is often referred to as California's “frozen reservoir.”

Please don't say drought



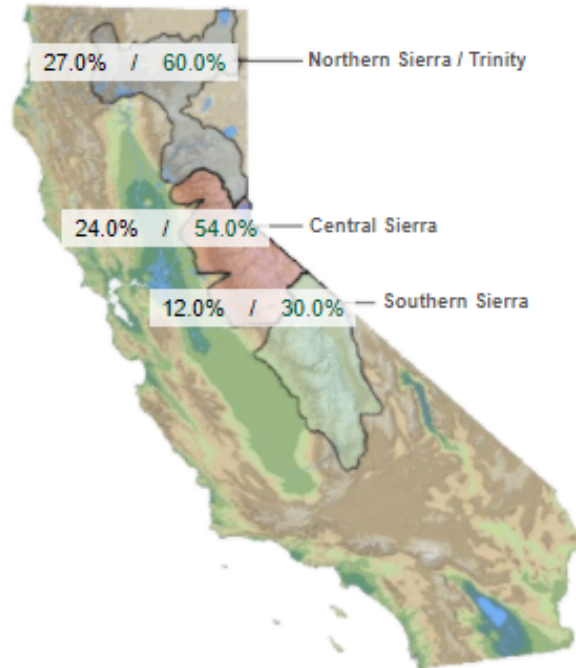
Please don't say drought

Snow Water Equivalents (inches)

Provided by the California Cooperative Snow Surveys

Data For: 11-Jan-2021

% Apr 1 Avg. / % Normal for this Date



Change Date :

NORTH

Data For: 11-Jan-2021

Number of Stations Reporting	32
Average snow water equivalent	7.8"
Percent of April 1 Average	27%
Percent of normal for this date	60%

CENTRAL

Data For: 11-Jan-2021

Number of Stations Reporting	44
Average snow water equivalent	7.1"
Percent of April 1 Average	24%
Percent of normal for this date	54%

SOUTH

Data For: 11-Jan-2021

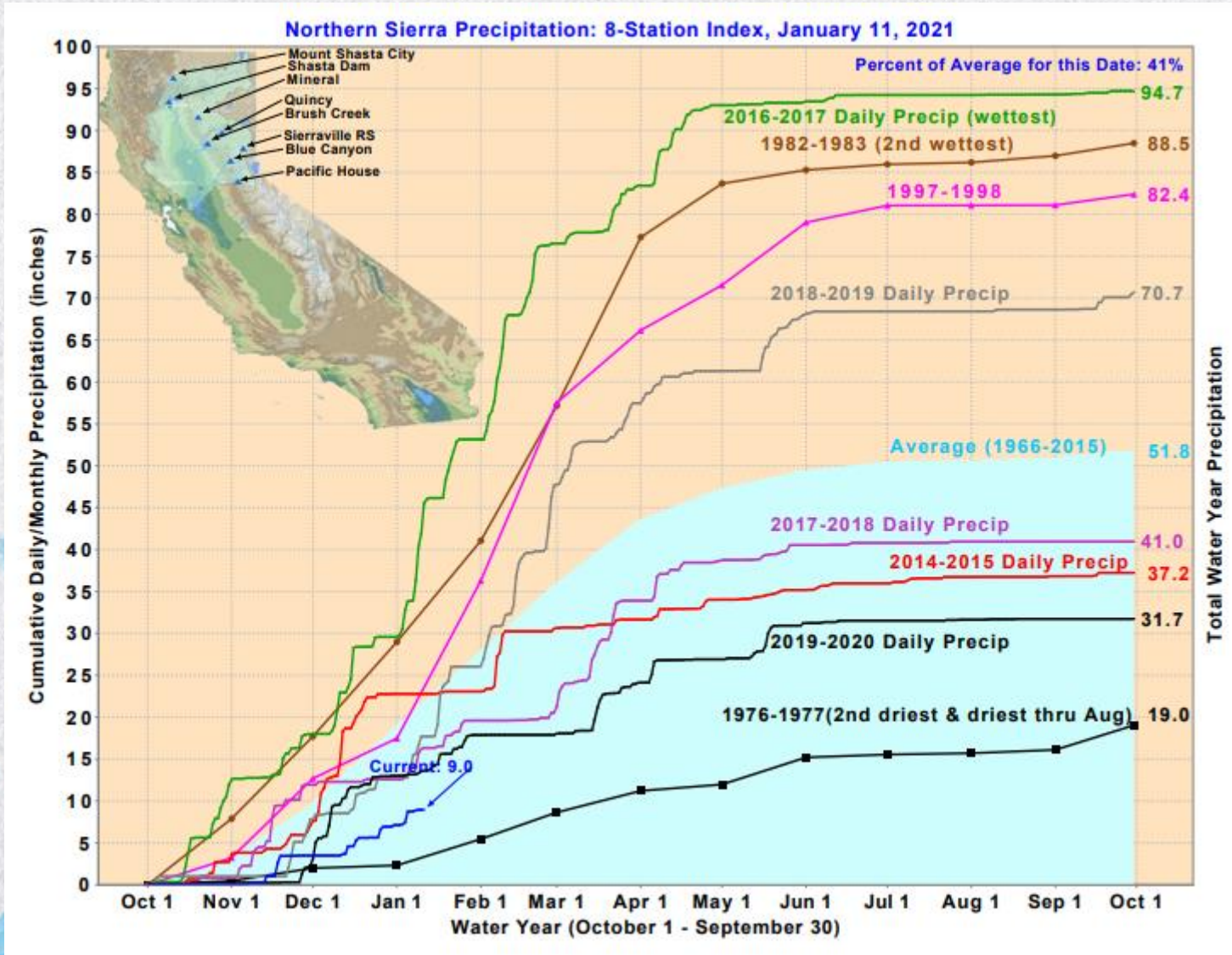
Number of Stations Reporting	27
Average snow water equivalent	2.9"
Percent of April 1 Average	12%
Percent of normal for this date	30%

STATEWIDE SUMMARY

Data For: 11-Jan-2021

Number of Stations Reporting	103
Average snow water equivalent	6.2"
Percent of April 1 Average	22%
Percent of normal for this date	50%

Please don't say drought



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RWA Dry Year Key Messages

- One or two dry years do not make a drought.
- Our region's water supplies are in excellent shape.
- California's rainfall is often feast or famine—with flood one year and drought the next.
- Water managers are actively preparing for climate change.
- It's important to use water efficiently no matter the weather.





Announcements & Events