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AGRICULTURAL

NEWS, ADVICE AND OFFERS

SUMMER 2025

IRRIGATION



New dredge
installed at Granite
Reef Diversion Dam

Irrigation

News for SRP agricultural
and other urban shareholders
published quarterly

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Dredge upgrade to assist with water resiliency



A new state-of-the-art dredge has been installed at Granite Reef Diversion Dam in Mesa to collect daily sediment buildup, helping SRP deliver water more efficiently. After being built in 1908, the dam initially faced sediment accumulation from the Salt and Verde reservoirs. A dredge was introduced in 1954 to address this issue.

The new dredge is significantly larger and faster than its predecessor. Upgraded computer systems and mechanics allow for three to four times more efficiency. The dredge operates like a giant vacuum cleaner, transferring sediment to a catch basin where it's later sold to businesses. Due to increased sediment, it now runs seven days a week. To learn more, visit srp.net/newdredge.

Flood-tastic crops for your Arizona garden

July in Arizona's low desert is a great time to plant heat-tolerant crops that thrive with flood irrigation. Here are some excellent options:



VEGETABLES

Tomatoes: Varieties like cherry and beefsteak grow well in the summer heat.

Peppers: Sweet bell peppers and spicy jalapeños are perfect for July planting.

Cucumbers: These refreshing vegetables love the heat and produce abundantly.

HERBS

Basil: This herb thrives in warm temperatures with regular watering.

Cilantro: It grows well in the summer with shade to protect from intense heat.

Parsley: Although parsley enjoys the heat, it prefers consistent moisture and partial shade.

Flood irrigation ensures these plants receive ample water, helping them grow robustly during the summer months. Happy gardening!



A look back: Mormon Flat Dam

➔ Mormon Flat Dam was part of a power expansion program in the early 1920s. Built between 1923 and 1926, the dam stands 224 feet high and was named after nearby Mormon Flat. It was the first of three dams on the lower Salt River, followed by Horse Mesa and Stewart Mountain dams, which together doubled SRP's hydropower capacity.

The dam has two hydroelectric units: a 10,000-kilowatt (kW) conventional unit and a 50,000 kW pumped storage unit that recycles water for hydroelectric production and maintains lake levels. Mormon Flat Dam also forms Canyon Lake, known for its campsites, desert views and fishing. For more SRP history, visit srp.net/history.



System maintenance help

Each property owner should regularly inspect and maintain irrigation components such as valves, gates, berms and ditches. Here are some helpful tips to keep them in good condition:

- ✓ **Check for leaks:** Regularly inspect all parts of the system for any signs of leaks and repair them promptly.
- ✓ **Clear obstructions:** Ensure ditches and gates are free from debris that could block water flow.
- ✓ **Maintain berms:** Keep berms well maintained to prevent erosion and ensure they effectively direct water.
- ✓ **Inspect valves:** Regularly check valves for proper operation and replace any faulty ones.

By following these guidelines, you can help ensure your neighborhood irrigation system remains reliable and efficient for everyone. To learn more, visit srp.net/systemcare.



Get help managing your SRP irrigation account

Need a simple way to manage your irrigation



account? Sign up for SRP My Account™ and easily place or modify water orders, check schedule times, view and pay your bill, subscribe to the weekly water balance report, and sign up for billing and statement alerts. To create a profile or manage your account, visit srp.net/myaccount.

AS OF JUNE 19, 2025
SRP RESERVOIRS
ARE AT

65%
1,460,649
ACRE-FEET IN STORAGE

Stay up to date on reservoir levels daily at watershedconnection.com.
Source: watershedconnection.com

LAST YEAR:
89%
CAPACITY

**SALT RIVER
SYSTEM:**
Roosevelt Lake
Apache Lake
Canyon Lake
Saguaro Lake

**VERDE RIVER
SYSTEM:**
Horseshoe Lake
Bartlett Lake