The background is a light blue gradient with several realistic water droplets of various sizes scattered across it. The droplets have highlights and shadows, giving them a three-dimensional appearance. The text is centered in the middle of the page.

# SOUTHERN SIERRA

DEPARTMENT OF WATER RESOURCES

SUMMER 2018

# DWR WORK IN THE SOUTHERN SIERRA

- CHRONOLOGICAL ORDER
  - KAWEAH – PANTHER MEADOWS
  - KERN – TUNNEL GUARD STATION
  - KINGS – CHARLOTTE LAKE
  - KINGS – BIG MEADOWS
  - OWENS – COTTONWOOD
  - SAN JOAQUIN – DEVILS POSTPILE
- THE FUTURE – WHAT IS NEXT

# PANTHER MEADOWS - KAWEAH



# PANTHER MEADOWS – KAWEAH CONTINUED



# TUNNEL GUARD STATION (TUN) - KERN

- HISTORY



# TUNNEL GUARD STATION (TUN) – KERN CONTINUED

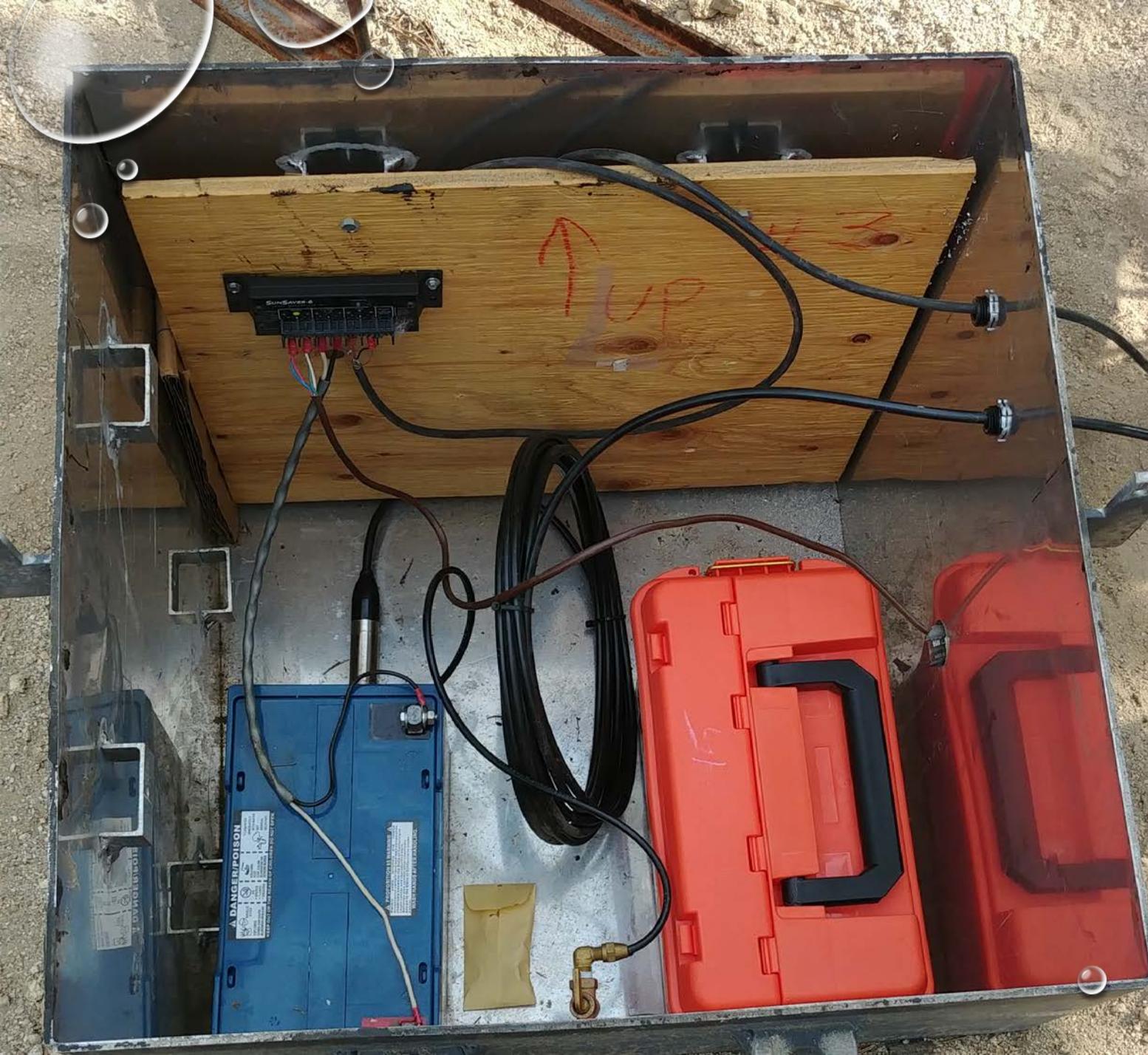
- PRECIPITATION



# THE NEW TUNNEL

- LASER SNOW DEPTH
- TEMP/RH
- WIND VELOCITY
- TRANSDUCER





**TOOLBOX  
INCLUDED**



# TUNNEL GUARD NOW

- INSTRUMENTS ARE WORKING AND SAMPLING
- TELEMETRY IS DOWN – PLANS TO FIX BEFORE OR DURING WINTER

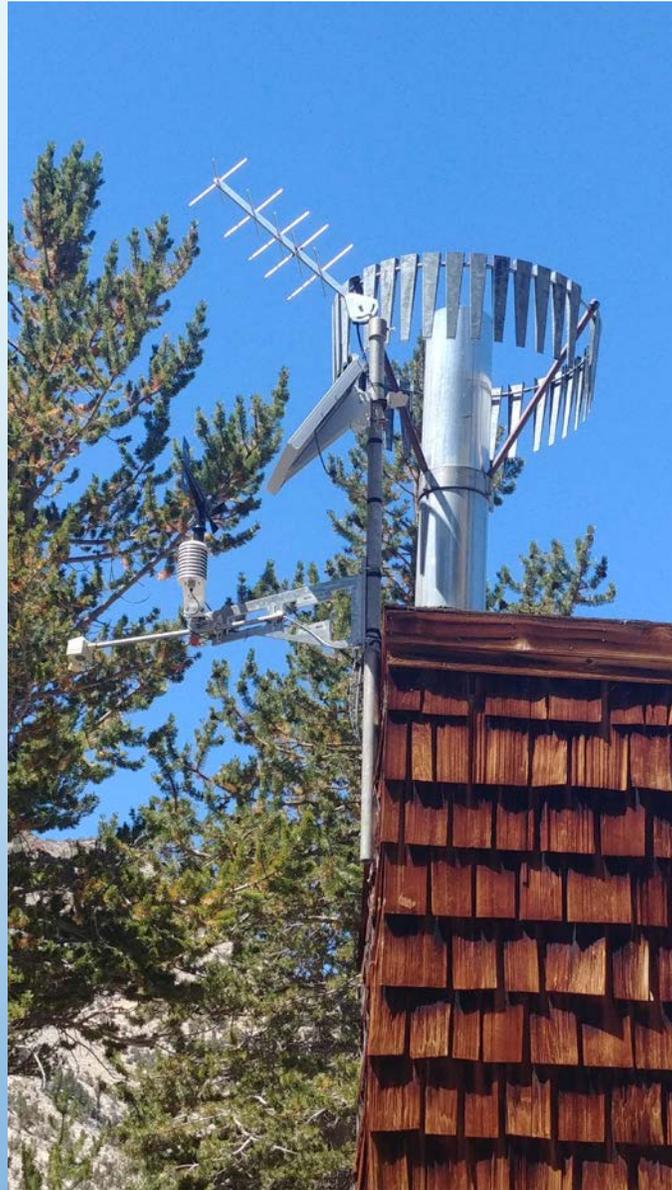
# CHARLOTTE LAKE - KINGS



# CHARLOTTE LAKE – KINGS CONTINUED



# CHARLOTTE LAKE – KINGS CONTINUED





# CHARLOTTE LAKE – KINGS CONTINUED

- HORSE HARDWARE
  - ROPE

# BIG MEADOWS – KINGS



# BIG MEADOWS – KINGS CONTINUED



# BIG MEADOWS – KINGS CONTINUED



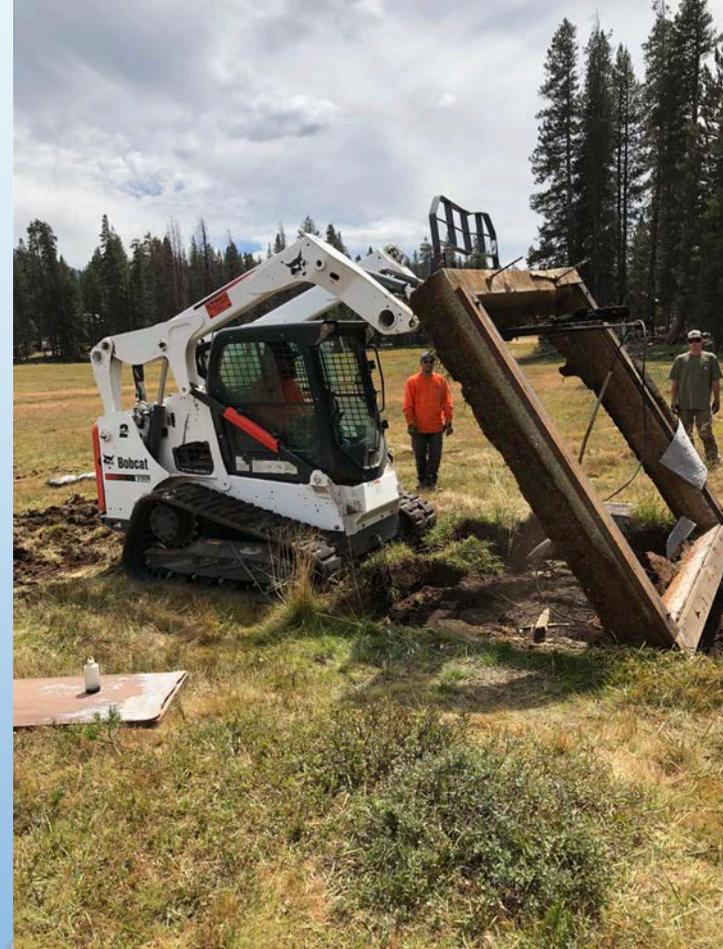
# BIG MEADOWS - KINGS CONTINUED



# BIG MEADOWS – KINGS CONTINUED



# BIG MEADOWS – KINGS CONTINUED



# BIG MEADOWS – KINGS CONTINUED A FRESH START



# BIG MEADOWS – KINGS CONTINUED





## **BIG MEADOWS – KINGS CONTINUED**





# BIG MEADOWS – KINGS CONTINUED

- SNOW SCALE





# BIG MEADOWS



# BIG MEADOWS PROPERTY

- RICH HISTORY
- STEWARDS OF THE LAND



# BIG MEADOWS – KINGS CONTINUED



# BIG MEADOWS – KINGS CONTINUED

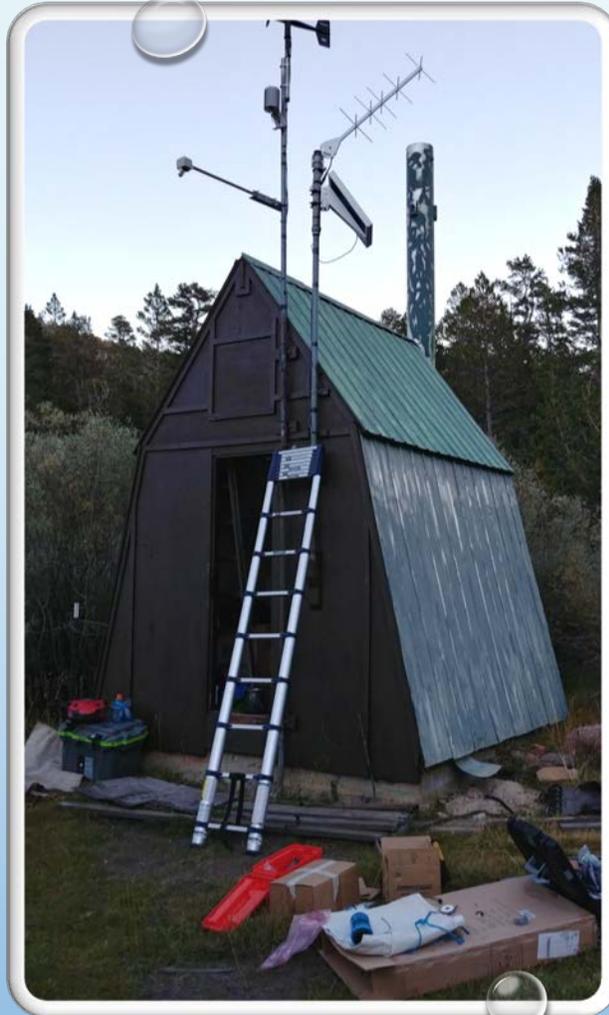
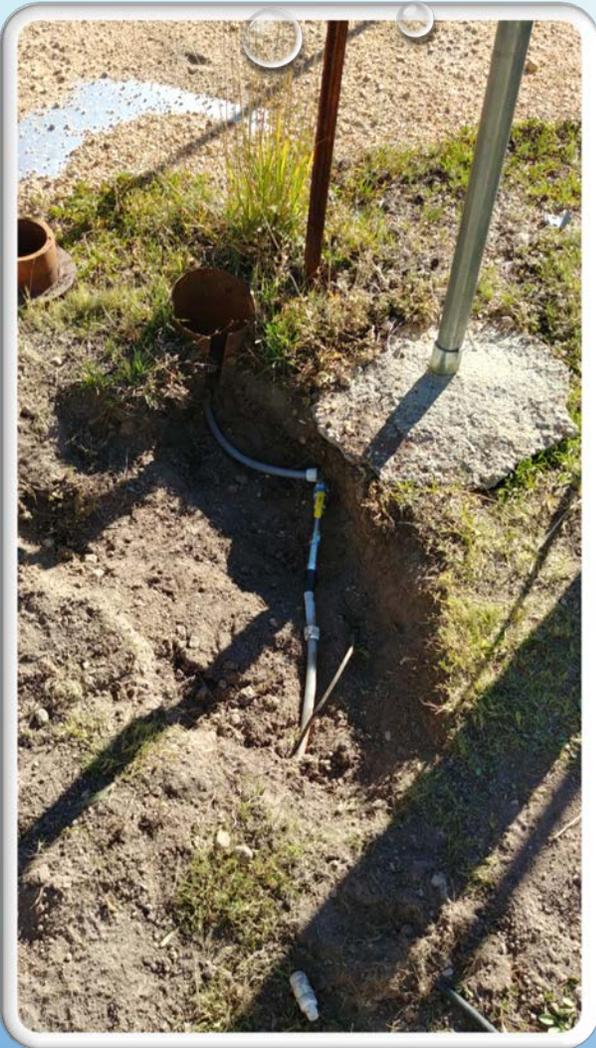


- ANIMAL VANDALISM
- SNOW SCALE

# COTTONWOOD LAKES - OWENS

- JUDD DEPTH
- WIND VELOCITY
- TEMP/RH
- NEW TRANSDUCER



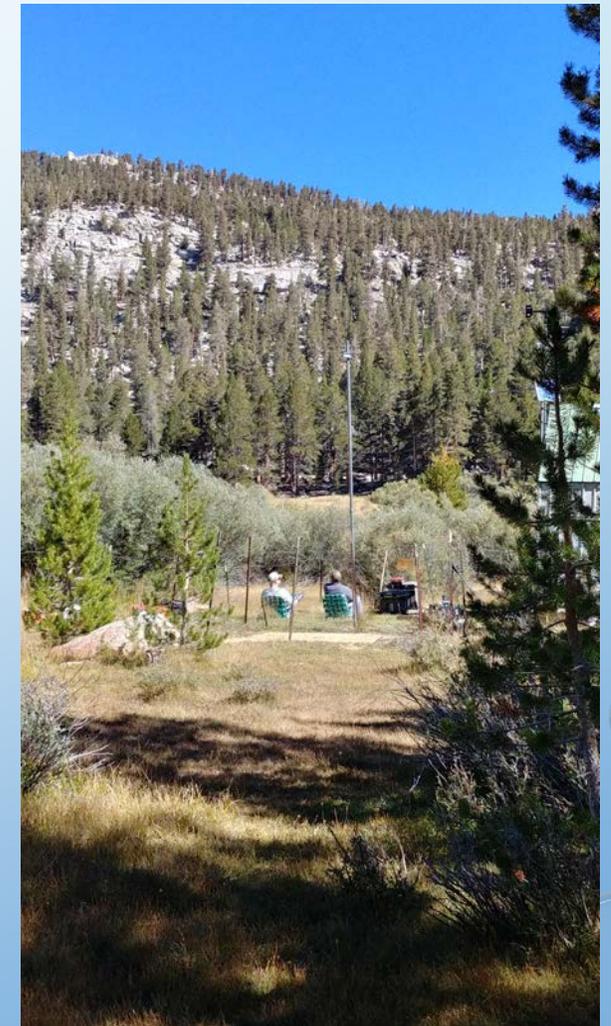


COTTONWOOD LAKES  
– OWENS CONTINUED



# COTTONWOOD LAKES – OWENS CONTINUED

- ASSISTANCE



# COTTONWOOD LAKES – OWENS CONTINUED



# DEVILS POSTPILE – SAN JOAQUIN



# STATIONS PLANNED - NOVEMBER 2018

- IMMEDIATE FUTURE – 2 WEEKS
  - CRABTREE – KERN
  - FAREWELL GAP – KAWEAH
  - BISHOP PASS - KINGS



# STATION STOCKING





# STORAGE



# THE FUTURE – WHAT'S NEXT

- A NEW WAY OF WATER DATA ACQUISITION - CREATING A NEW STANDARD AND BAR
- COMPLETING THE THREE PHASE PROGRAM

**QUESTIONS?**

