ROSEDALE-RIO BRAVO
WATER STORAGE DISTRICT

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September 9, 2025

**To:** Rosedale-Rio Bravo Water Storage District Board of Directors

**Agenda Item:** 7a

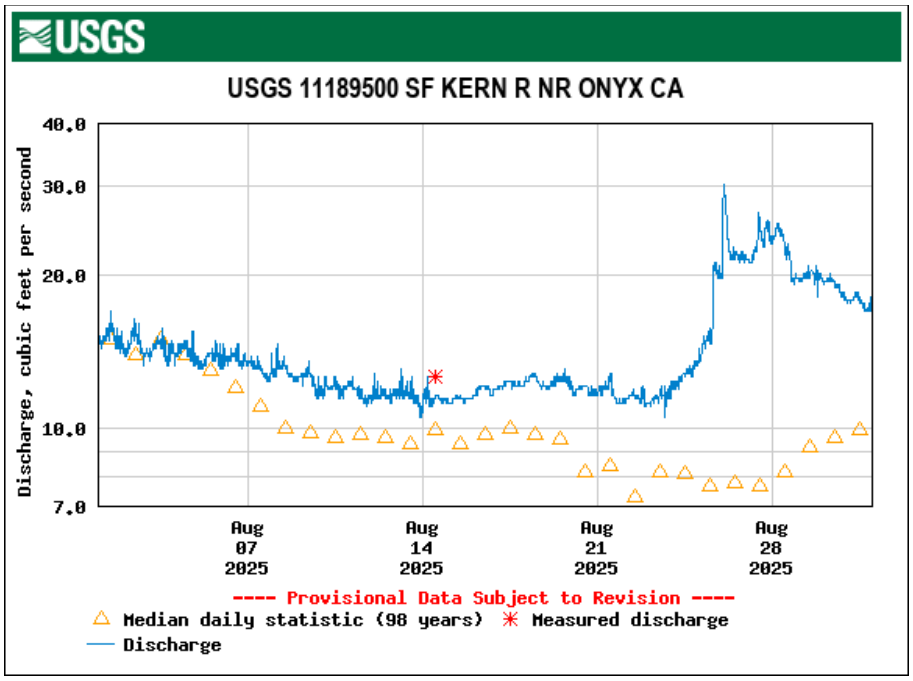
**From:** Dan Bartel

**Re:** Onyx Project Report

This month we:

- Continued operation of conveyance facilities.
- Worked on fence projects.
- Recorded that the USGS verified South Fork station on August 14.
- Stream gaged Doyle Ranch for accretion calculations three times during the month.
- Coordinated Project operations with KRI's.
- Redirected flows August 1-31. Net project water was 242 AF
- Stream gaged at Doyle 5 times and Patterson 6 times to verify net project water.
- Invoiced Audubon for January-June wheeling.
- Confirmed contractor completed barn repairs.
- Investigated options for stockwater well iron treatment services.
- Discussed conservation easement options with Audubon.

South Fork flows downstream of Bloomfield averaged 14 cfs plus calculated accretions of 1 cfs, for a total average flow of about 15 cfs.


USGS
USGS 11189500 SF KERN R NR ONYX CA
Discharge, cubic feet per second
40.0
30.0
20.0
10.0
7.0
Aug 07 2025
Aug 14 2025
Aug 21 2025
Aug 28 2025
---- Provisional Data Subject to Revision ----
Median daily statistic (98 years)
Measured discharge
Discharge

# August-2025

Daily values in SFD = Second Foot Days, Monthly total in AF = Acre-Feet

| Date | | South Fork | | | D.Prince (4,5,17,20-22,37) | | | Hafenfeld (5) | | | RRBWSD (1,3,6,7,12, Wirth1, 30,33, Boone,1/3 Smith) | | | | J.Nicoll (3) | Audubon (4,5,9,Wirth1,17,18) (20-22,Wirth2,27,29,37) | | | Smith (2/3 Smith) | RRBWSD (1/3 Smith) | | Total Diverted | South Fork | | RRBWSD to Isabella | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean Flow | USGS - Onyx @ 0500 | Accretions | Doyle Ranch Road | Mill/Hillside | Miller | Prince | Miller | Landers | Cottonwood | Scodie/Mack | Landers | Nicoll | Redirected "Gross Project Water" | Nicoll | Cottonwood | Nicoll | Total Smith | Smith | Smith | Redirected "Gross Project Water" | | Sierra Way "Flow" | Patterson "Flow" | "Net Project Water" | No injury % |
| 1 | 15 | 15 | *3* | *12* | | | | | | | | *1.1* | | **4.5** | *2.3* | | | *4.2* | *0.9* | 0.0 | **3.3** | 4 | Yes | 8.06 | **5** | 67.6% |
| 2 | 15 | 14 | 1 | | | | | | | | | *1.1* | | **3.0** | *2.9* | | | *4.0* | *0.6* | 0.0 | **3.3** | 5 | Yes | Yes | **4** | 67.6% |
| 3 | 14 | 15 | 1 | | | | | | | | | *1.2* | | **3.4** | *2.6* | | | *4.0* | *0.6* | 0.0 | **3.3** | 4 | Yes | Yes | **5** | 67.6% |
| 4 | 14 | 14 | 1 | | | | | | | | | *1.2* | | **2.9** | *2.0* | | | *3.8* | *0.5* | 0.0 | **3.3** | 4 | Yes | Yes | **4** | 67.6% |
| 5 | 14 | 14 | *1* | | | | | | | | | *1.3* | | **2.8** | *1.4* | | | *3.8* | *0.5* | 0.0 | **3.3** | 3 | Yes | Yes | **0** | 67.6% |
| 6 | 14 | 14 | 1 | | | | | | | | | *1.3* | | **2.8** | *1.2* | | | *3.9* | *0.6* | 0.0 | **3.3** | 3 | Yes | Yes | **4** | 67.6% |
| 7 | 13 | 13 | *1* | | | | | | | | | *1.1* | | **2.4** | *1.2* | | | *3.9* | *0.6* | 0.0 | **3.3** | 3 | Yes | Yes | **4** | 67.6% |
| 8 | 13 | 13 | 1 | *12* | | | | | | | | *1.0* | | **2.5** | *0.8* | | | *3.8* | *0.5* | 0.0 | **3.3** | 2 | Yes | 6.39 | **4** | 67.6% |
| 9 | 12 | 13 | 1 | | | | | | | | | *1.2* | | **2.3** | *0.5* | | | *3.6* | *0.3* | 0.0 | **3.3** | 2 | Yes | Yes | **4** | 67.6% |
| 10 | 12 | 12 | 1 | | | | | | | | | *1.1* | | **1.9** | *0.0* | | | *3.5* | *0.2* | 0.0 | **3.3** | 1 | Yes | Yes | **4** | 67.6% |
| 11 | 12 | 12 | 1 | | | | | | | | | *1.1* | | **1.9** | | | | *3.6* | *0.3* | 0.0 | **3.3** | 1 | Yes | Yes | **4** | 67.6% |
| 12 | 12 | 12 | 1 | | | | | | | | | *1.1* | | **1.9** | | | | *3.3* | *0.0* | 0.0 | **3.3** | 1 | Yes | Yes | **4** | 67.6% |
| 13 | 12 | 12 | 1 | | | | | | | | | *1.1* | | **1.9** | | | | *3.6* | *0.3* | 0.0 | **3.3** | 1 | Yes | 5.07 | **4** | 67.6% |
| **14** | **11** | **12** | 1 | | | | | | | | | *1.1* | | **2.0** | | | | *3.8* | *0.5* | 0.0 | **3.3** | 2 | Yes | Yes | **4** | 67.6% |
| 15 | 11 | 13 | 1 | *15* | | | | | | | | *1.0* | | **1.7** | | | | *3.5* | *0.2* | 0.0 | **3.3** | 1 | Yes | 4.43 | **3** | 67.6% |
| 16 | 12 | 12 | 1 | | | | | | | | | *1.0* | | **2.0** | | | | *3.5* | *0.2* | 0.0 | **3.3** | 1 | Yes | Yes | **4** | 67.6% |
| 17 | 12 | 12 | *1* | | | | | | | | | *1.6* | | **1.4** | | | | *3.3* | *0.0* | 0.0 | **3.3** | 2 | Yes | Yes | **3** | 67.6% |
| 18 | 12 | 12 | *1* | | | | | | | | | *1.0* | | **2.0** | | | | *3.5* | *0.2* | 0.0 | **3.3** | 1 | Yes | Yes | **4** | 67.6% |
| 19 | 12 | 12 | 1 | | | | | | | | | *1.0* | | **2.0** | | | | *3.3* | *0.0* | 0.0 | **3.3** | 1 | Yes | Yes | **4** | 67.6% |
| 20 | 12 | 12 | 1 | | | | | | | | | *0.9* | | **2.1** | | | | *3.3* | *0.0* | 0.0 | **3.3** | 1 | Yes | Yes | **4** | 67.6% |
| 21 | 12 | 12 | *1* | | | | | | | | | *1.3* | | **1.7** | | | | *3.3* | *0.0* | 0.0 | **3.3** | 1 | Yes | Yes | **3** | 67.6% |
| 22 | 11 | 11 | *1* | *14* | | | | | | | | *1.2* | | **1.8** | | | | *3.0* | *0.0* | 0.0 | **3.0** | 1 | Yes | 5.3 | **3** | 67.6% |
| 23 | 12 | 11 | 1 | | | | | | | | | *1.0* | | **2.0** | | | | *3.0* | *0.0* | 0.0 | **3.0** | 1 | Yes | Yes | **3** | 67.6% |
| 24 | 13 | 12 | *1* | | | | | | | | | *1.2* | | **1.8** | | | | *3.9* | *0.6* | 0.0 | **3.3** | 2 | Yes | Yes | **3** | 67.6% |
| 25 | 17 | 15 | 1 | | | | | | | | | *1.2* | | **3.4** | | | | *3.8* | *0.5* | 0.0 | **3.3** | 2 | Yes | Yes | **5** | 67.6% |
| 26 | | 20 | *1* | | | | | | | | | *2.7* | | **3.5** | | | | *5.8* | *2.5* | 0.0 | **3.3** | 5 | Yes | Yes | **5** | 67.6% |
| 27 | | 22 | *1* | | | | | | | | | *2.3* | | **3.9** | | | | *5.3* | *2.0* | 0.0 | **3.3** | 4 | Yes | Yes | **5** | 67.6% |
| 28 | | 25 | *1* | | | | | | | | | *1.5* | | **4.7** | *2.0* | | | *5.7* | *2.4* | 0.0 | **3.3** | 6 | Yes | Yes | **5** | 67.6% |
| 29 | | 20 | *1* | 17 | | | | | | | | *1.4* | | **4.8** | 2.5 | | | *5.1* | *1.8* | 0.0 | **3.3** | 6 | Yes | 10.34 | **5** | 67.6% |
| 30 | | 20 | *3* | | | | | | | | | *1.3* | | **4.9** | 2.5 | | | *5.3* | *2.0* | 0.0 | **3.3** | 6 | Yes | Yes | **6** | 67.6% |
| 31 | | 18 | *3* | | | | | | | | | *1.3* | | **4.9** | *2.5* | | | *5.2* | *1.9* | 0.0 | **3.3** | 6 | Yes | Yes | **6** | 67.6% |
| SFD | 318 | 444 | 38 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 0 | 85 | 24 | 0 | 0 | | 21 | 0 | 102 | 84 | 0 | 0 | 122 | |
| AF | 630 | 880 | 76 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 77 | 0 | 168 | 48 | 0 | 0 | | 41 | 0 | 202 | 166 | 0 | 0 | 242 | |
| | | 14 | 1 | | | | **0** | | | **0** | | | | **245** | **48** | | **0** | | 0.7 | 0.0 | | 3 | | | 3.9 | |
| | | | | | | | | | | | | | | | | | | | **41** | **0** | | | | | | |

Note:

Deduct of 4 sfd on 8/5 for accretions correction 7/27-8/1

Cottonwood via the Landers

Miller ditch water is being split Prince and Haf. 50/50

Redirected Historic Irrigation Demand Limit = 31

## Saturday South Fork Doyle Ranch Flow measurement, value carries for next week Tuesday-Monday.

8/15 Doyle measurement resulted in 5 cfs accretion, did not use, stayed at 1 cfs

8/22 Doyle measurement resulting in 4 cfs accretion, did not use, stayed at 1cfs

USGS SFork at 0500

https://waterdata.usgs.gov/monitoring-location/11189500/#dataTypeId=continuous-00065-0&period=P7D

**Bold ##** on USGS denotes USGS gage verification