

May 12, 2026

**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.
- Verified that USGS verified South Fork station was completed in April 2.
- Did not stream gage at Doyle nor Patterson due to high flow conditions.
- Coordinated Project operations with KRI's.
- Closed Escrow on Prince Ranch
- Executed Prince Ranch lease with Hafenfeld Ranches
- Operated Project April 1-30.
- Recorded net project water was 1384 AF.

South Fork flows downstream of Bloomfield averaged 280 cfs plus calculated accretions of 5 cfs, for a total average flow of about 285 cfs.



April-2026

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)	RRBWS (1,3,6,7,12, Wirth1, 30,33, Boone)				J.Nicoll (3)	Audubon (4,5,9,Wirth1,17,18) (20-22,Wirth2,27,29,37)		Smith (2/3 Smith)	RRBWS (1/3 Smith)		Total Diverted	South Fork		RRBWS to Isabella		
	Mean Flow	USGS - Onyx @ 0500	Accretions	Doyle Ranch Road	Mill/Hillside	Miller	Prince	Miller	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"	
1	488	489	5			2.9	7.3	2.9			16.0	33.7	3.0	5.2	33.7	8.7	5.4		3.3	43	Yes	Yes	22.99	
2	455	481	5			2.8	9.8	2.7			16.0	33.7	3.0	5.1	33.7	8.6	5.3		3.3	45	Yes	Yes	22.99	
3	406	416	5			2.8	9.3	2.7			16.0	33.7	3.0	5.1	33.7	9.8	6.5		3.3	45	Yes	Yes	22.99	
4	374	375	5			2.8	9.3	2.8			16.0	33.7	3.0	5.0	33.7	9.6	6.3		3.3	45	Yes	Yes	22.99	
5	348	353	5			2.7	9.2	2.7				33.7	3.6	5.3	33.7	8.9	5.6		3.3	29	Yes	Yes	22.99	
6	336	342	5			3.0	9.9	3.0				33.7	3.8	5.4	33.7	8.6	5.3		3.3	30	Yes	Yes	22.99	
7	313	316	5			2.9	9.9	2.9				33.7	4.5	5.2	33.7	9.3	6.0		3.3	31	Yes	Yes	22.99	
8	299	300	5			3.0	9.6	2.9				33.7	4.9	5.2	33.7	9.0	5.7		3.3	31	Yes	Yes	22.99	
9	285	283	5			3.0	3.8	2.9				33.7	4.8	5.4	33.7	8.8	5.5		3.3	25	Yes	Yes	23.37	
10	278	280	5			3.0	3.4	2.9				33.7	4.9	5.4	33.7	8.7	5.4		3.3	25	Yes	Yes	23.37	
11	281	260	5			2.9	3.1	2.8				33.7	5.8	5.1	33.7	9.1	5.8		3.3	26	Yes	Yes	23.37	
12	288	280	5			3.0	3.2	2.9				33.7	8.1	5.3	33.7	8.9	5.6		3.3	28	Yes	Yes	23.37	
13	298	286	5			2.9	3.3	2.9				33.7	7.8	5.3	33.7	8.8	5.5		3.3	28	Yes	Yes	23.37	
14	302	316	5			2.9	3.9	2.9				33.7	7.2	5.3	33.7	9.4	6.1		3.3	28	Yes	Yes	23.37	
15	282	289	5			2.9	3.1	3.0				33.7	8.5	5.4	4.0	9.0	5.7		3.3	33	Yes	Yes	23.37	
16	271	289	5			2.9	2.8	2.9				33.7	5.7	5.3	4.0	8.6	5.3		3.3	29	Yes	Yes	23.37	
17	255	254	5			2.8	2.3	2.9				33.7	9.6	5.3	4.0	8.0	4.7		3.3	32	Yes	Yes	23.37	
18	239	236	5			2.9	1.6	2.8				33.7	11.3	5.2		7.4	4.1		3.3	28	Yes	Yes	23.37	
19	223	227	5			2.8	4.4	2.8				33.7	7.5	5.1		9.5	6.2		3.3	29	Yes	Yes	23.37	
20	219	219	5			3.8	4.1	3.8				33.7	8.0	4.9		9.9	6.6	0.3	3.0	32	Yes	Yes	23.18	
21	207	210	5			4.1	3.5	4.1				33.7	8.4	4.9		7.7	4.4		3.3	29	Yes	Yes	23.37	
22	213	206	5			6.3	3.2	6.2				33.7	8.9	5.1		8.2	4.9		3.3	35	Yes	Yes	23.37	
23	236	236	5			6.4	3.8	6.4				33.7	9.8	5.5		9.4	6.1		3.3	38	Yes	Yes	23.37	
24	236	236	5			6.8	4.7	6.8				33.7	8.8	5.2		9.6	6.3		3.3	39	Yes	Yes	23.37	
25	220	217	5			3.2	4.0	3.3				33.7	8.8	5.0		9.5	6.2		3.3	31	Yes	Yes	23.37	
26	210	215	5			3.2	3.9	3.3				33.7	8.7	5.0		9.4	6.1		3.3	30	Yes	Yes	23.37	
27		210	5			6.0	3.7	6.1				33.7	2.5	5.0		9.3	6.0		3.3	29	Yes	Yes	23.37	
28		201	5			5.7	3.8	5.7				33.7	2.3	5.1		9.3	6.0		3.3	29	Yes	Yes	23.37	
29		188	5			5.6	3.5	5.6				33.7	2.3	5.0	4.0	9.0	5.7		3.3	32	Yes	Yes	23.37	
30		183	5			5.3	2.8	5.3				33.7	4.0	5.0	4.0	9.2	5.9		3.3	32	Yes	Yes	23.37	
SFD	7,561	8,393	150	0	0	111	150	111	0	0	64	1,011	183	155	20	269	170	0	99	965	0	0	698	
AF	14,998	16,648	298		0	221	298	220	0	0	127	2,005	362	308	40	348	338	1	196	1,913	0	0	1,384.26	
	291	280	5			519		519				2,132	362		348		5.7	0.3		32				
																	338	1						

Note:

Cottonwood via the Landers Prince Ditch issues 4/9-  
 Miller ditch water is being split Prince and Haf. 50/50  
 Redirected Historic Irrigation Demand Limit = 37  
 USGS SFork at 0500 Nicoll RRB diversions riparian Boone deliveries only  
<https://waterdata.usgs.gov/monitoring-location/11189500/#dataTypeId=continuous-00065-0&period=P7D>  
 Bold ## on USGS denotes USGS gage verification  
 ## South Fork Doyle Ranch Flow measurement, value carries for next week

South Fork Kern River Annual Diversion Report - 2026

All units in AF

Date	South Fork		D.Prince (4,5,17,20-22,37)			Hafenfeld (5)	RRBWSD (1,3,6,7,12, Wirth1, 30,33, Boone)			J.Nicoll (3)	Audubon (4,5,9,Wirth1,17,18) (20-22,Wirth2,27,29,37)		Smith (Smith) 2/3	Smith (RRB) 1/3	Total South Fork Diverted All Users	South Fork		RRBWSD (Onyx Project Actual)	
	USGS - Onyx (AF)	Accretions "Estimated"	Mill/Hillside	Miller	Prince	Miller	Scodie/Mack	Landers	Nicoll	Nicoll	Cottonwood	Nicoll	Smith	Smith		Sierra Way "Flow"	Patterson Flow	Redirected "Gross Project Water"	Net Project Water
January	15,697	307	0	140	0	139	0	18	0	144	343	0	160	0	945	Yes	Yes	599	404
February	13,389	278	0	137	0	135	0	0	0	165	358	67	210	8	1,081	Yes	Yes	819	501
March	43,073	307	0	176	316	174	0	0	184	372	268	123	364	0	1,976	Yes	Yes	2,148	1,285
April	14,998	298	0	221	298	220	0	0	127	362	308	40	338	1	1,913	Yes	Yes	2,201	1,384
May																			
June																			
July																			
August																			
September																			
October																			
November																			
December																			
AF	87,156	1,190	0	674	614	668	0	18	311	1,043	1,276	230	1,072	9	5,915			5,767	3,575

MAX of 14,000 per 4.3.5

Note:

Nicoll RRB diversions riparian Boone deliveries only

Cottonwood via the Landers