

Units are cfs unless noted otherwise

	4/8/2022	4/9/2022	4/10/2022	4/11/2022	4/12/2022	4/13/2022	4/14/2022
I. Upper East Fork Reach							
Potter Valley Project							
Tunnel Diversion	58.0	58.0	58.0	59.0	59.0	62.0	65.0
PVID Requested Delivery	18.0	18.0	18.0	18.0	18.0	20.8	25.0
PVID Canals Actual Delivery	10.0	10.0	10.0	10.0	12.0	13.0	13.0
East Fork Release	48.0	48.0	48.0	49.0	47.0	49.0	52.0
PVID E Fork Diversions	8.0	8.0	8.0	8.0	6.0	7.8	12.0
PVID Water Use - PG&E Contract	18.0	18.0	18.0	18.0	18.0	20.8	25.0
PVID Water Use - License 5264	0.0	0.0	0.0	0.0	0.0	0.0	0.0
East Fork Downstream of PVID (Import)	40.0	40.0	40.0	41.0	41.0	41.2	40.0
PVID Canal Net Return Flow (assumed)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
East Fork / Potter Valley Reach Analysis							
USGS E Fork @ Calpella	50.6	44.8	51.3	58.3	35.6	43.4	116.4
Net Reach Loss(-)/Gain(+)	-7.4	-13.2	-6.7	-0.7	-23.4	-18.6	+51.4
Unimpaired Natural Flow @ Calpella (est.)	10.6	4.8	11.3	17.3	-5.4	2.3	76.4
Non-PVID East Fork Net Reach Losses (est.)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Natural Flow	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Import (neg. value is return flow)	0.0	0.0	0.0	0.0	0.0	0.0	0.0

II. Lake Mendocino

Reservoir Operations							
Calculated Inflow (ac-ft)	115	105	104	175	87	128	351
(cfs)	58	53	52	88	44	64	177
Natural Flow	18	13	12	47	3	23	137
Import	40	40	40	41	41	41	40
Storage Change (ac-ft)	+43.0	+29.0	+28.0	+101.0	+0.0	+0.0	+260.0
(cfs)	+22	+15	+14	+51	+0	+0	+131
Stored Natural Flow (cfs)	18	13	12	47	0	0	131
Stored Import Water (cfs)	4	2	2	4	0	0	0
Evaporation (ac-ft)	15.4	18.7	19.5	17.1	16.2	14.6	11.4
RVCWD Diversion (ac-ft)	0	0	0	0	0	0	0
CVD Release Gage	29	29	28	29	36	57	40
Storage (Project Water)	0	0	0	0	0	0	0
Natural Flow	0	0	0	0	0	20	3
Import Water	29	29	28	29	36	37	37
<u>East Fork Min Instream Flow Requirement</u>	25	25	25	25	25	25	25
<u>Compliance Gage</u>	<i>Rvr mi.</i>						
CVD Release	99.9	29	28	29	36	57	40
<u>CVD Project Water Release to Meet Min Flow Requirement</u>							
Total Pass-through Water	29	29	28	29	36	57	40
Project Water Release Required	No	No	No	No	No	No	No

III. Upper Russian River Reach

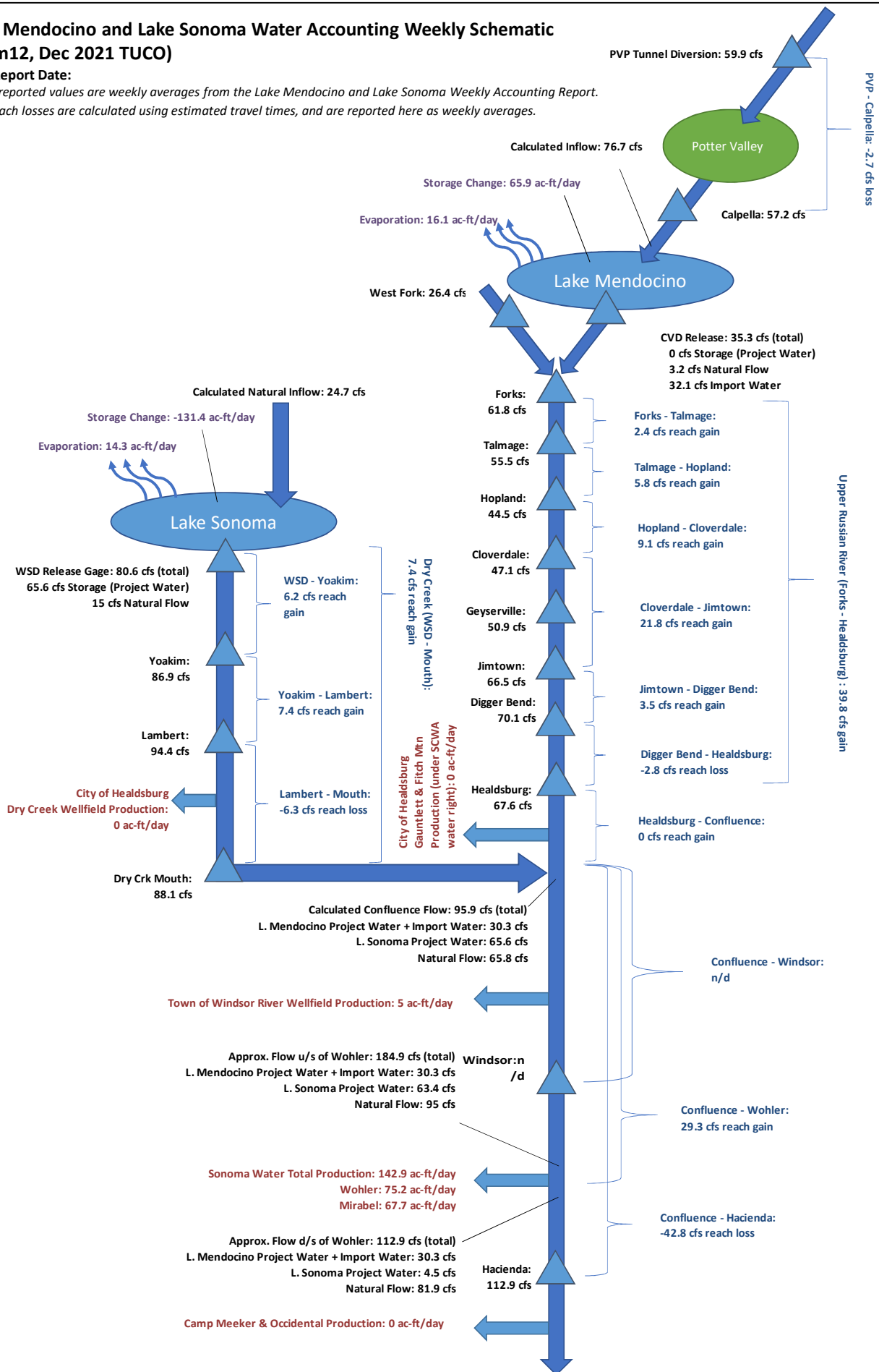
<u>Minimum Instream Flow Requirement</u>			25	25	25	25	25	25	25
<u>Controlling Compliance Gage</u>									
Min Gage Flow			35	34	34	36	28	38	54
Controlling Gage			Talmage	Talmage	Talmage	Talmage	Hopland	Cloverdale	Geyserville
<u>All Compliance Gages</u>			<u>Rvr mi.</u>						
Forks	(CVD + USGS 11461000)	99.0	39	39	38	40	47	68	161
Talmage	(USGS 11462080)	96.1	35	34	34	36	34	53	162
Hopland	(USGS 11462500)	84.8	38	37	35	38	28	48	87
Cloverdale	(USGS 11463000)	70.9	50	47	40	44	41	38	70
Geyserville	(USGS 11463500)	54.4	57	52	49	47	50	47	54
Jimtown	(USGS 11463682)	48.5	70	68	68	66	65	64	65
Digger Bend	(USGS 11463980)	38.2	75	73	71	70	68	66	68
Healdsburg	(USGS 11464000)	35.6	74	71	69	67	66	62	64
<u>Net Reach Loss(-)/Gain(+)</u>									
Forks - Talmage			-5	-4	-4	-4	-7	-17	+58
Talmage - Hopland			+3	+2	+1	+3	-7	+1	+37
Hopland - Cloverdale			+12	+10	+4	+8	+2	+11	+16
Cloverdale - Jimtown			+17	+19	+22	+26	+20	+26	+23
Jimtown - Digger Bend			+4	+4	+3	+4	+3	+1	+5
Digger Bend - Healdsburg			-1	-2	-3	-3	-3	-4	-3
Upper Russian Net Reach Loss/Gain			+30	+28	+24	+33	+7	+18	+137
<u>CVD Project Water Release to Meet Min Flow Requirement</u>									
Net Reach Loss(-)/Gain(+) to Controlling Gage			-5	-4	-4	-4	-14	-5	+135
Storage (Project Water)			-0	-0	-0	-0	-0	-0	0
Pass-through Water (Nat. + Imp.) + Natural			-5	-4	-4	-4	-14	-5	135
Total Pass-through Water			24	24	24	25	21	52	175
Project Water Release Required			No	No	No	No	No	No	No

Notes:
- Water Accounting for the Upper Russian River is an analysis that approximates the current conditions based on methodology in Term 11 (2/11/21 Order) report and modified by Term 12 (6/14/21 Order) report. Values listed include estimated values where measurements are not currently available (red italics).

Lake Mendocino and Lake Sonoma Water Accounting Weekly Schematic (Term12, Dec 2021 TUCO)

Report Date:

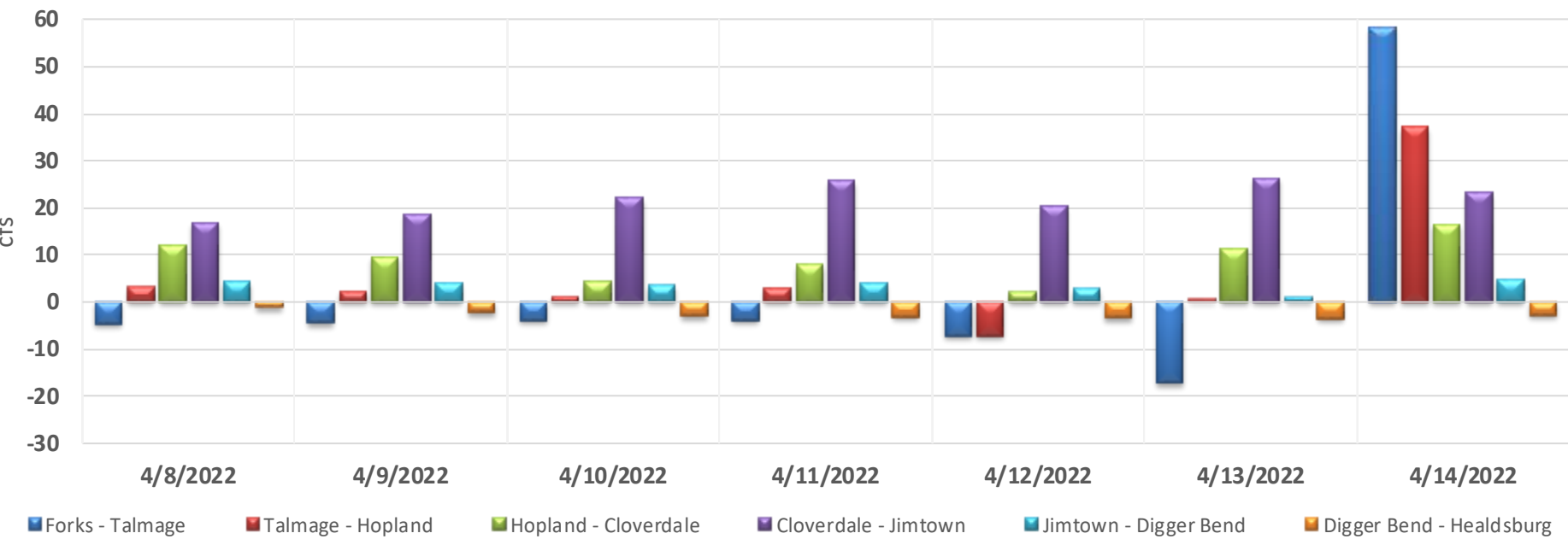
All reported values are weekly averages from the Lake Mendocino and Lake Sonoma Weekly Accounting Report.
 Reach losses are calculated using estimated travel times, and are reported here as weekly averages.



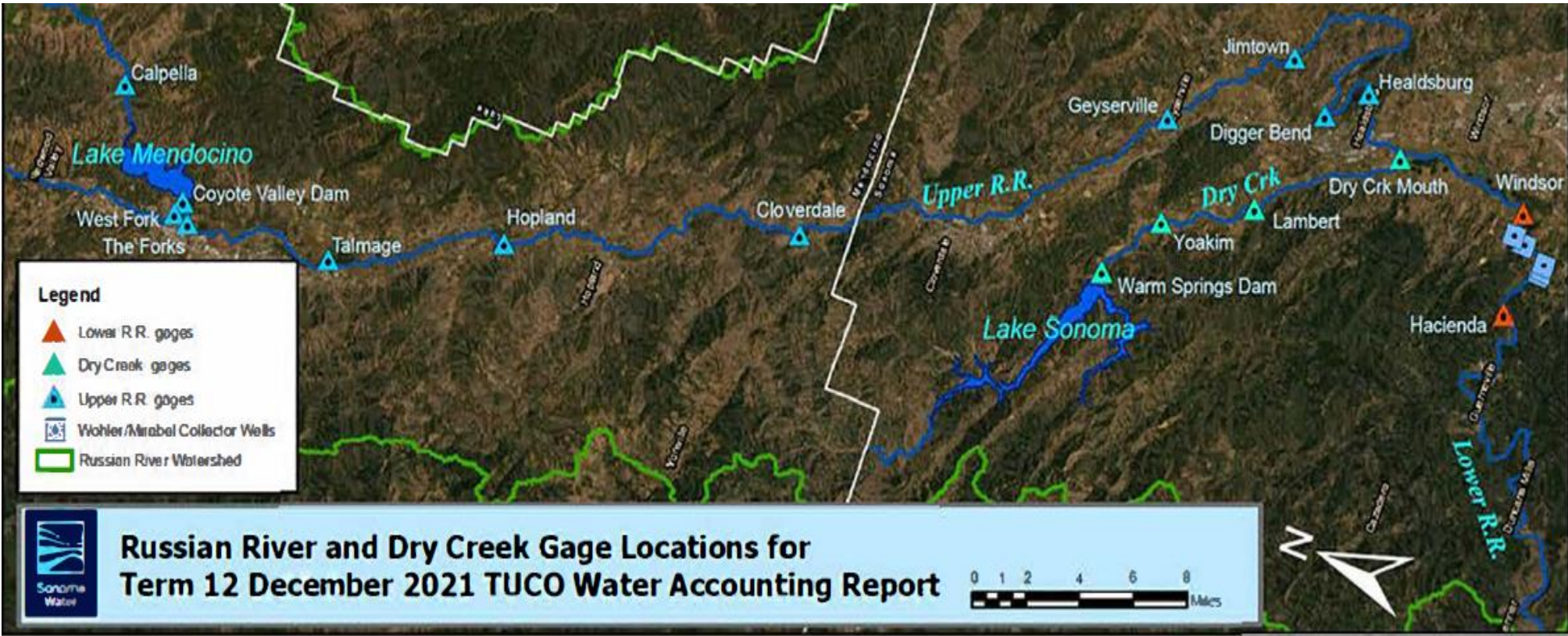
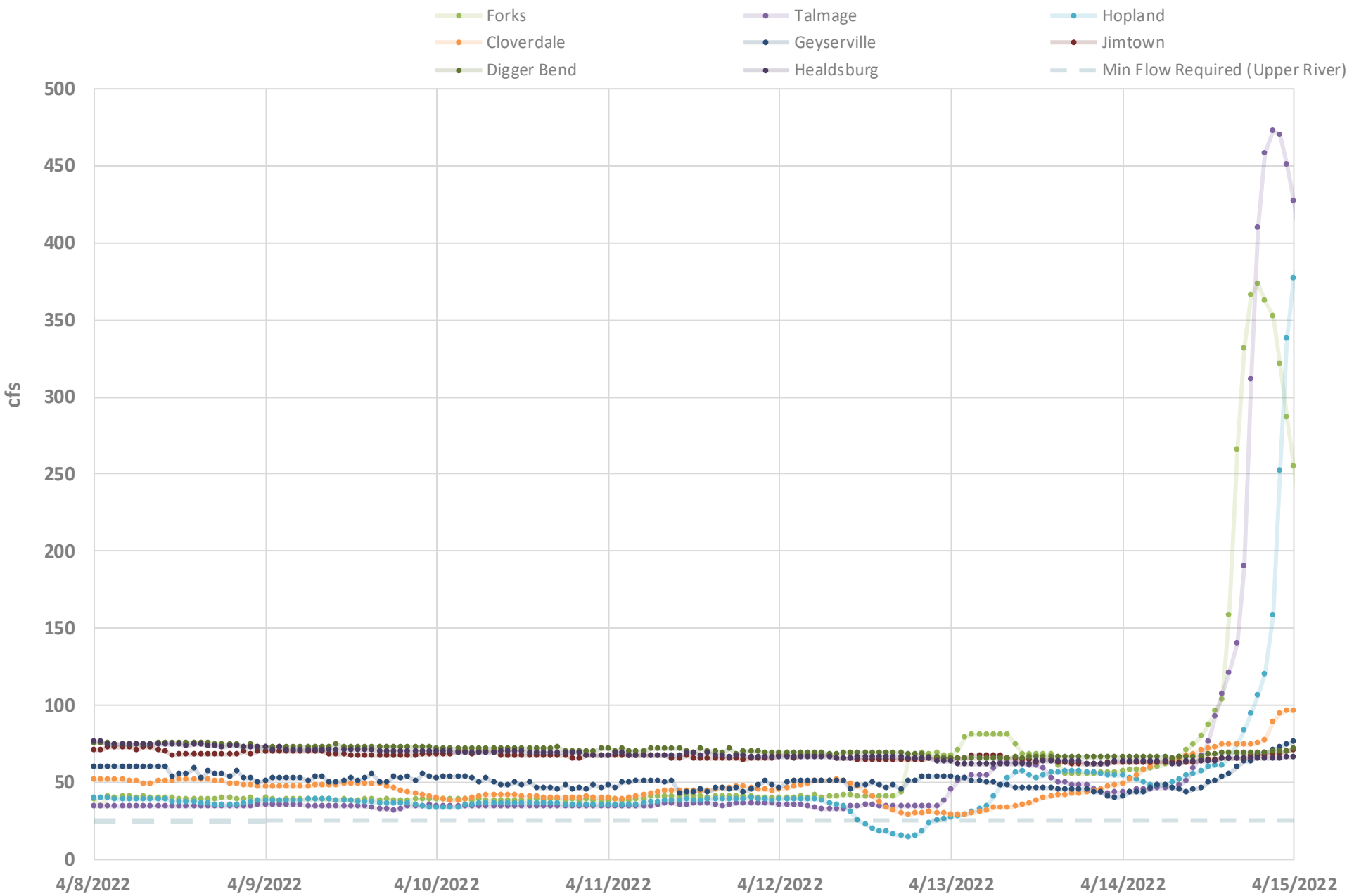
Lake Mendocino and Lake Sonoma Water Accounting Weekly Report (Term 12, Dec 2021 TUCO)

Report Date: 4/15/2022

UPPER RUSSIAN RIVER NET REACH GAINS (+) / LOSSES (-)



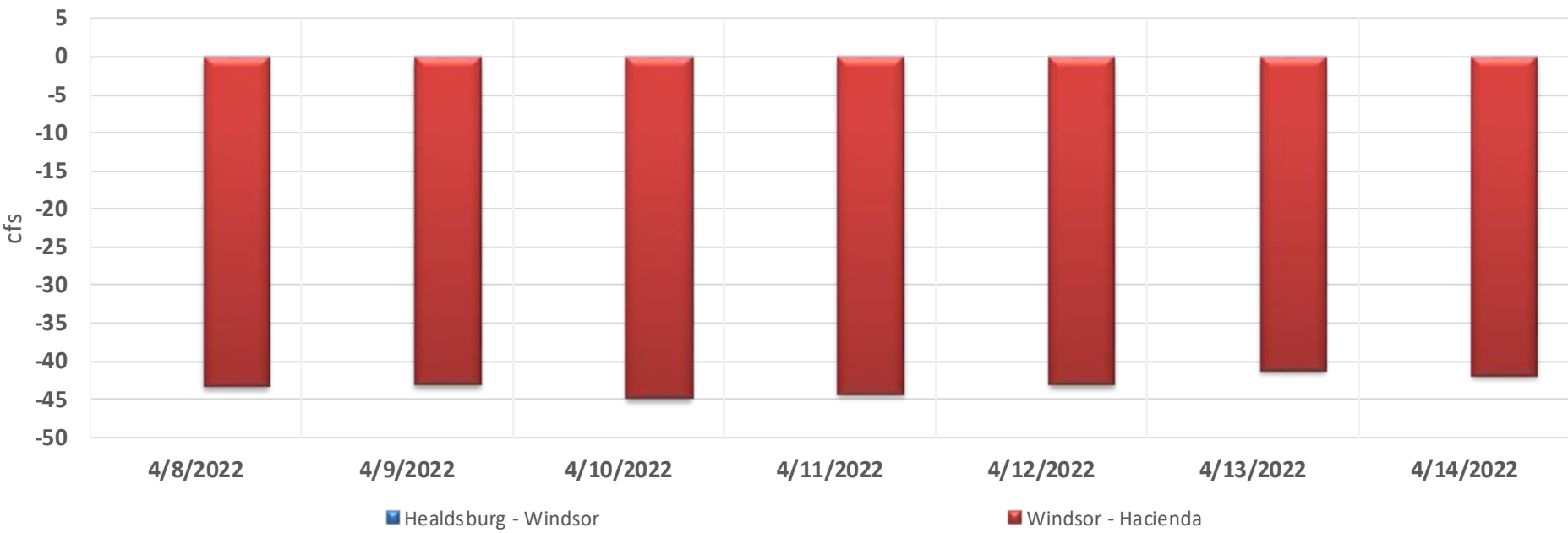
UPPER RUSSIAN RIVER STREAM FLOWS



Lake Mendocino and Lake Sonoma Water Accounting Weekly Report (Term 12, Dec 2021 TUCO)

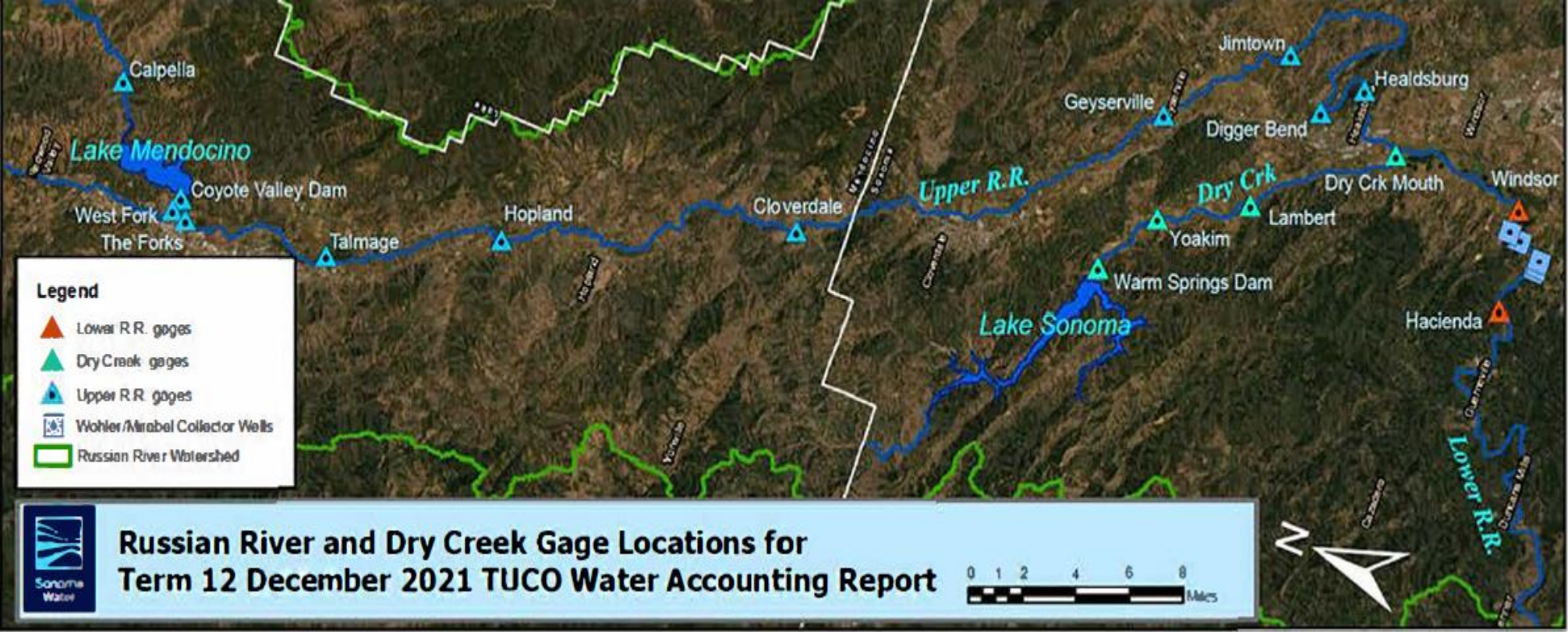
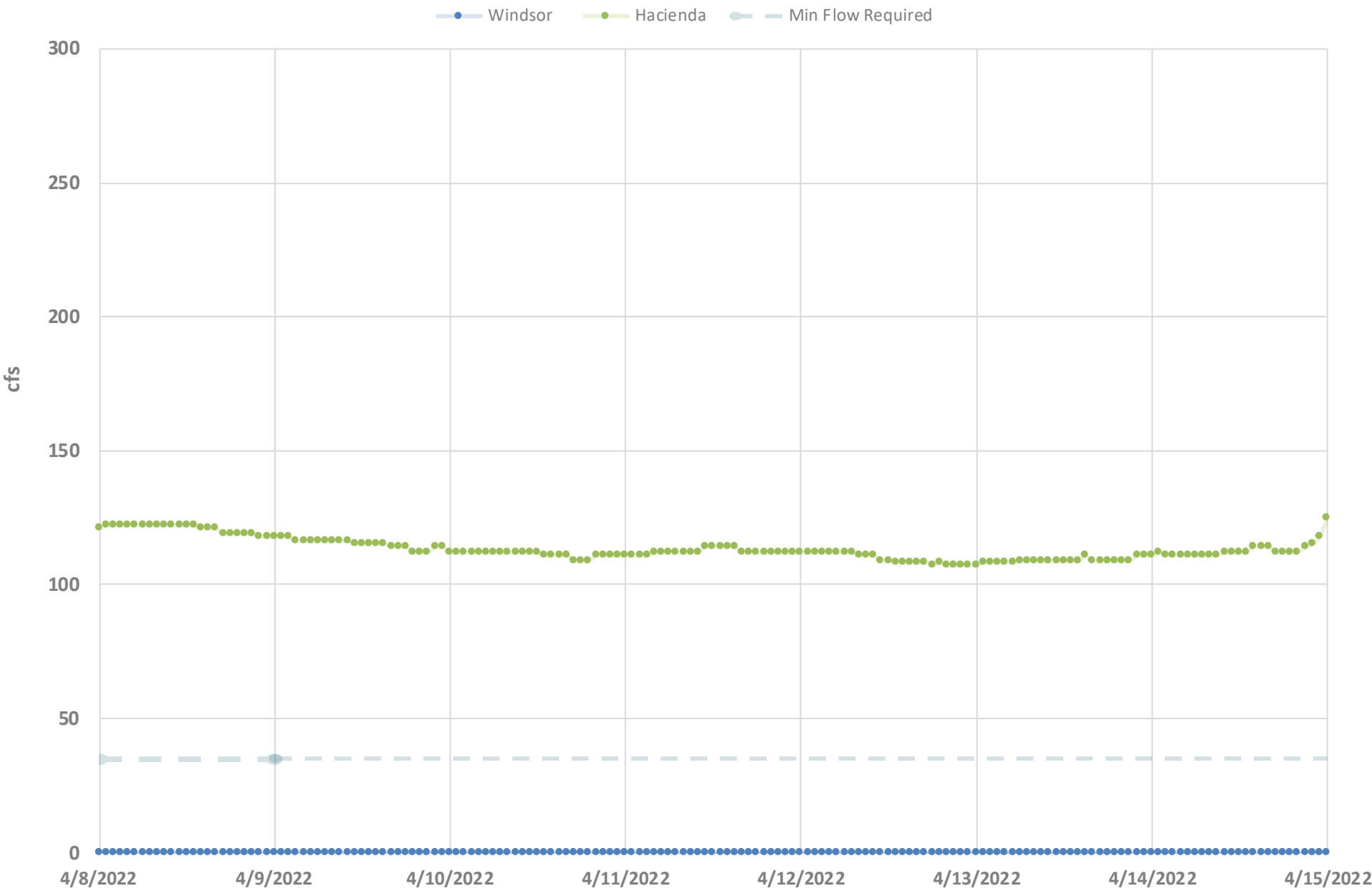
Report Date: 4/15/2022

LOWER RUSSIAN RIVER NET REACH GAINS (+) / LOSSES (-)



Note: Windsor gage is a seasonal gage and not operational. Reach gains for Windsor – Hacienda reach calculated with Healdsburg gages as upstream gages

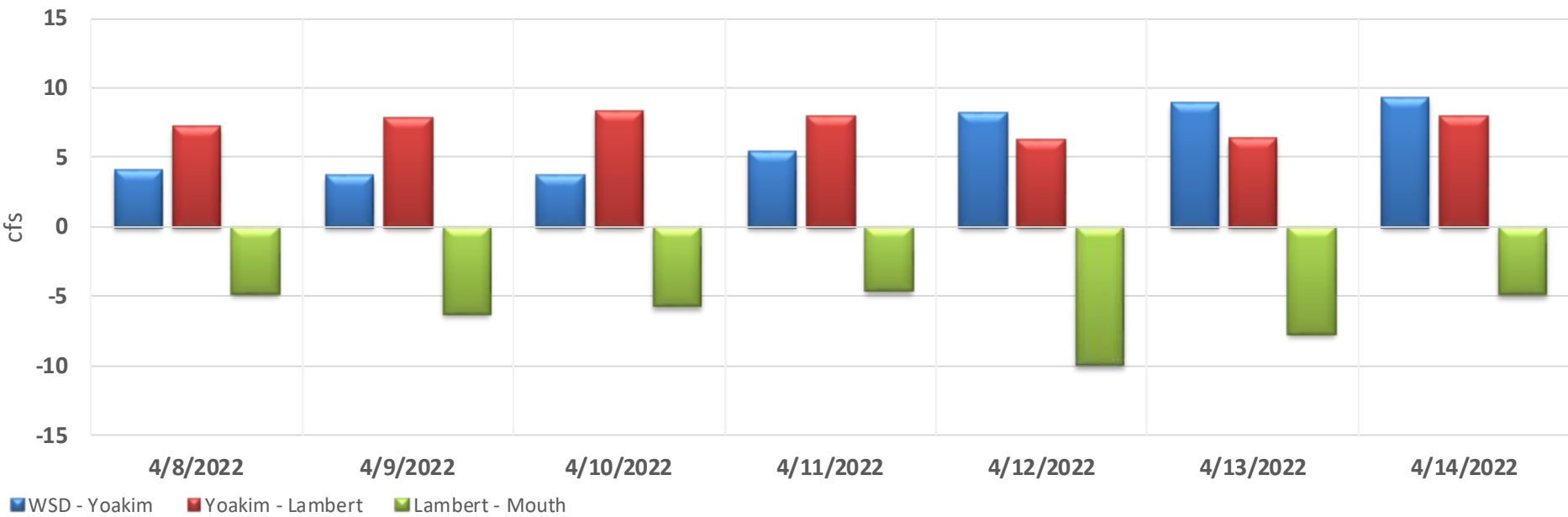
LOWER RUSSIAN RIVER STREAM FLOWS



Lake Mendocino and Lake Sonoma Water Accounting Weekly Report (Term 12, Dec 2021 TUCO)

Report Date: 4/15/2022

DRY CREEK NET REACH GAINS (+) / LOSSES (-)



DRY CREEK STREAM FLOWS

