

Units are cfs unless noted otherwise

	<u>3/1/2024</u>	<u>3/2/2024</u>	<u>3/3/2024</u>	<u>3/4/2024</u>	<u>3/5/2024</u>	<u>3/6/2024</u>	<u>3/7/2024</u>
I. Upper East Fork Reach							
Potter Valley Project							
Tunnel Diversion	46.0	46.0	46.0	46.0	46.0	46.0	46.0
PVID Requested Delivery	5.0	5.0	5.0	5.0	5.0	5.0	5.0
PVID Canals Actual Delivery	1.6	1.3	1.2	1.0	1.4	1.5	1.0
East Fork Release	44.0	45.0	45.0	45.0	45.0	45.0	45.0
PVID E Fork Diversions	3.4	3.7	3.9	4.0	3.6	3.5	4.0
PVID Water Use - PG&E Contract	5.0	5.0	5.0	5.0	5.0	5.0	5.0
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)	40.6	41.3	41.2	41.0	41.4	41.5	41.0
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	1,335.9	1,474.6	1,166.6	914.5	1,051.9	1,375.3	850.1
Net Reach Loss(-)/Gain(+)	+1,289.9	+1,428.6	+1,120.6	+868.5	+1,005.9	+1,329.3	+804.1
Unimpaired Natural Flow @ Calpella (est.)	1249.3	1387.3	1079.4	827.5	964.6	1287.9	763.2
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0

II. Lake Mendocino

Reservoir Operations

Calculated Inflow (ac-ft)	2,698	3,000	2,303	1,948	2,270	2,928	1,636
(cfs)	1,360	1,513	1,161	982	1,144	1,476	825
Natural Flow	1,319	1,472	1,120	941	1,103	1,435	784
Import	41	41	41	41	41	41	41
Storage Change (ac-ft)	+2,396.0	+2,705.0	+998.0	+508.0	+1,193.0	+2,077.0	+159.0
(cfs)	+1,208	+1,364	+503	+256	+601	+1,047	+80
Stored Natural Flow (cfs)	1,208	1,364	503	256	601	1,047	80
Stored Import Water (cfs)	0	0	0	0	0	0	0
Evaporation (ac-ft)	2.9	2.9	5.9	3.9	4.9	6.9	11.9
RVCWD Diversion (ac-ft)	0	0	0	0	0	0	0
CVD Release Gage	151	147	655	724	540	426	739
Storage (Project Water)	0	0	0	0	0	0	0
Natural Flow	110	107	615	684	501	386	701
Import Water	40	40	40	40	40	39	38
East Fork Min Instream Flow Requirement	25	25	25	25	25	25	25
<u>Compliance Gage</u>	<i>Rvr mi.</i>						
CVD Release	<i>99.9</i>	151	147	655	724	540	739
CVD Project Water Release to Meet Min Flow Requirement							
Total Pass-through Water		151	147	655	724	540	739
Project Water Release Required		No	No	No	No	No	No

III. Upper Russian River Reach

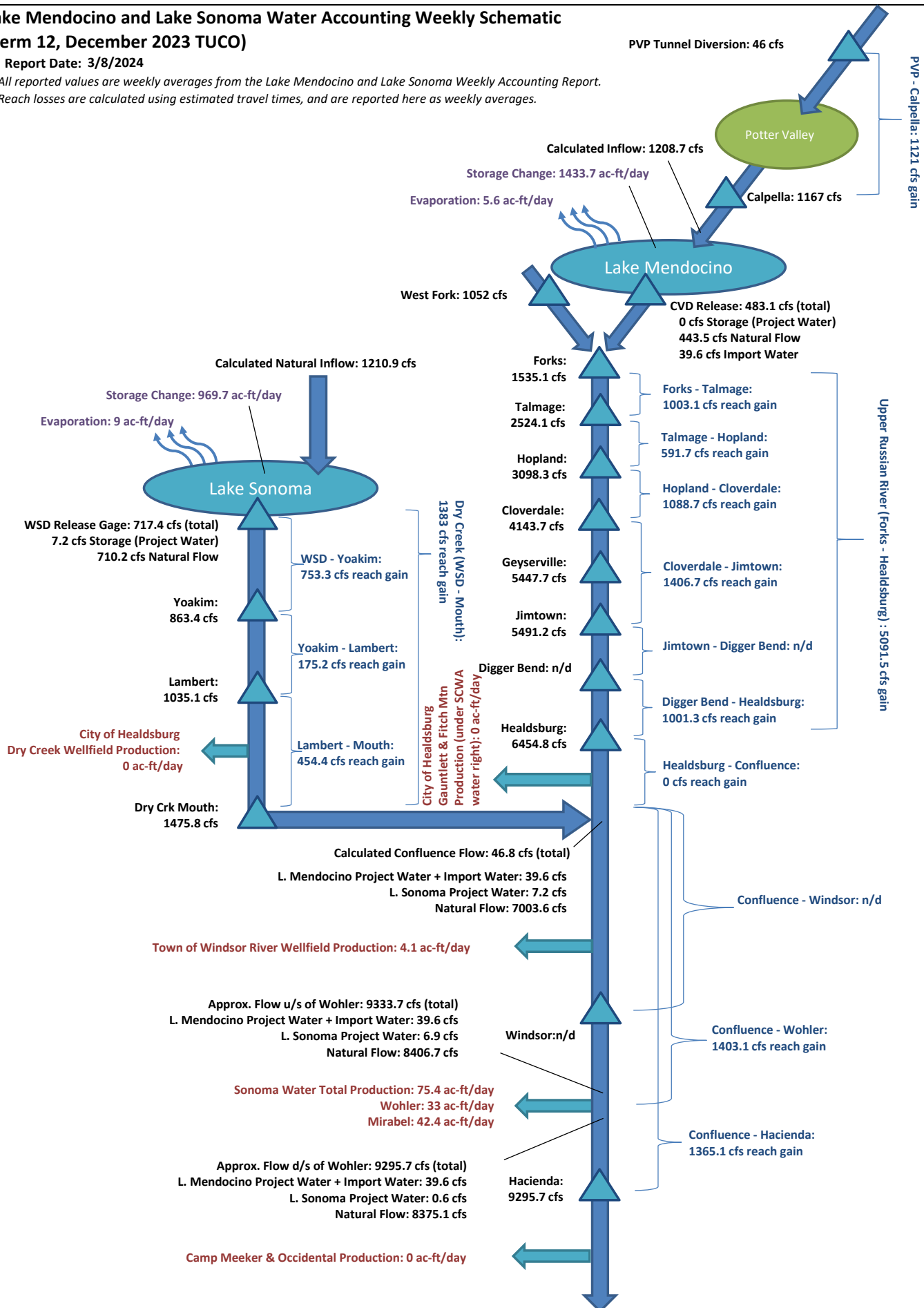
Minimum Instream Flow Requirement		150	150	150	150	150	150
Controlling Compliance Gage							
Min Gage Flow		873	1,569	1,635	1,477	1,501	1,579
Controlling Gage		Forks	Forks	Forks	Forks	Forks	Forks
All Compliance Gages		<i>Rvr mi.</i>					
Forks	(CVD + USGS 11461000)	<i>99.0</i>	873	1,569	1,635	1,477	1,501
Talmage	(USGS 11462080)	<i>96.1</i>	1,580	3,002	2,625	2,325	2,288
Hopland	(USGS 11462500)	<i>84.8</i>	1,713	3,808	3,278	3,064	2,804
Cloverdale	(USGS 11463000)	<i>70.9</i>	2,298	5,158	4,353	4,150	3,855
Geyserville	(USGS 11463500)	<i>54.4</i>	3,436	6,578	5,828	5,339	5,388
Jimtown	(USGS 11463682)	<i>48.5</i>	3,201	6,413	6,053	5,491	5,451
Digger Bend	(USGS 11463980)	<i>38.2</i>	>400 cfs	>400 cfs	>400 cfs	>400 cfs	>400 cfs
Healdsburg	(USGS 11464000)	<i>35.6</i>	3,662	7,493	7,539	6,250	6,428
Net Reach Loss(-)/Gain(+)							
Forks - Talmage			+825	+1,381	+1,053	+785	+827
Talmage - Hopland			+339	+742	+693	+646	+563
Hopland - Cloverdale			+945	+1,383	+1,118	+882	+1,107
Cloverdale - Jimtown			+1,280	+1,616	+1,532	+1,159	+1,666
Jimtown - Digger Bend			n/d	n/d	n/d	n/d	n/d
Digger Bend - Healdsburg <i>*when Digger Bend >400 cfs, next u/s gage (Jimtown) used</i>			+543	+1,554	+1,286	+710	+1,078
Upper Russian Net Reach Loss/Gain			+3,932	+6,676	+5,683	+4,181	+5,240
CVD Project Water Release to Meet Min Flow Requirement							
Net Reach Loss(-)/Gain(+) to Controlling Gage			+0	+0	+0	+0	+0
Storage (Project Water)			0	0	0	0	0
Pass-through Water (Nat. + Imp.) + Natural			0	0	0	0	0
Total Pass-through Water			151	147	655	724	540
Project Water Release Required			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 (Term 12, December 2023 TUCO)

Report Date: 3/8/2024

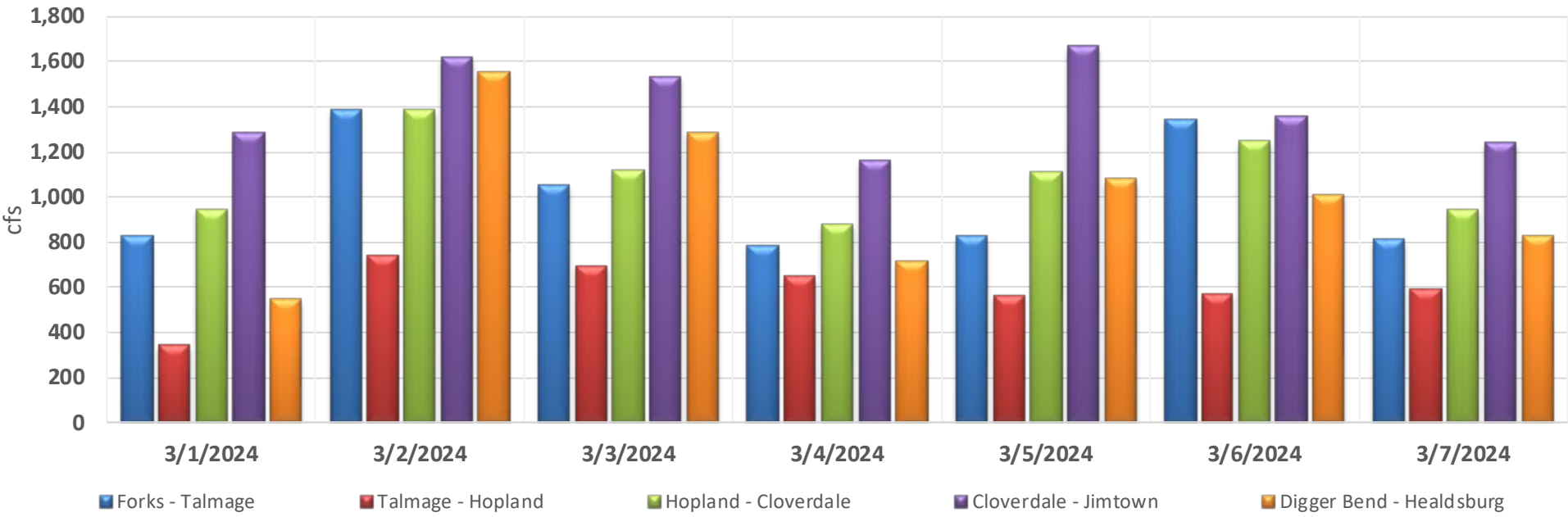
All reported values are weekly averages from the Lake Mendocino and Lake Sonoma Weekly Accounting Report.
Reach losses are calculated using estimated travel times, and are reported here as weekly averages.



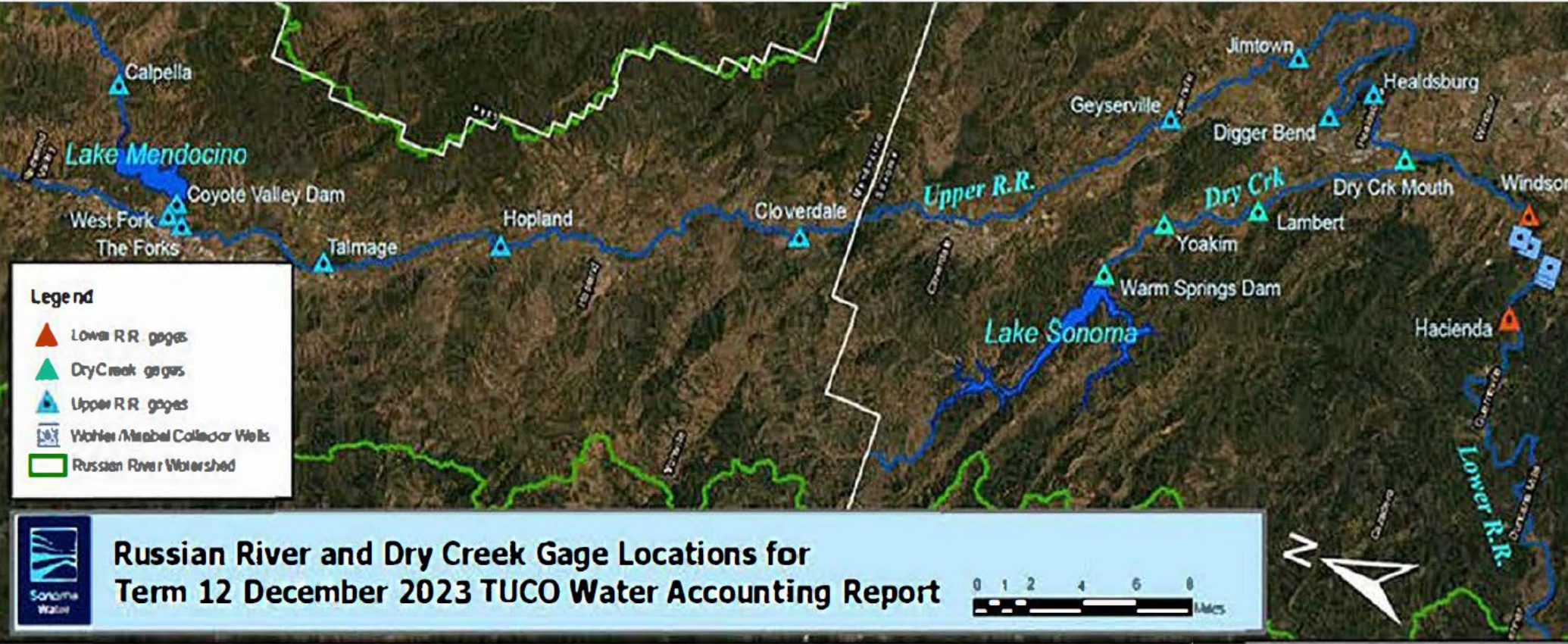
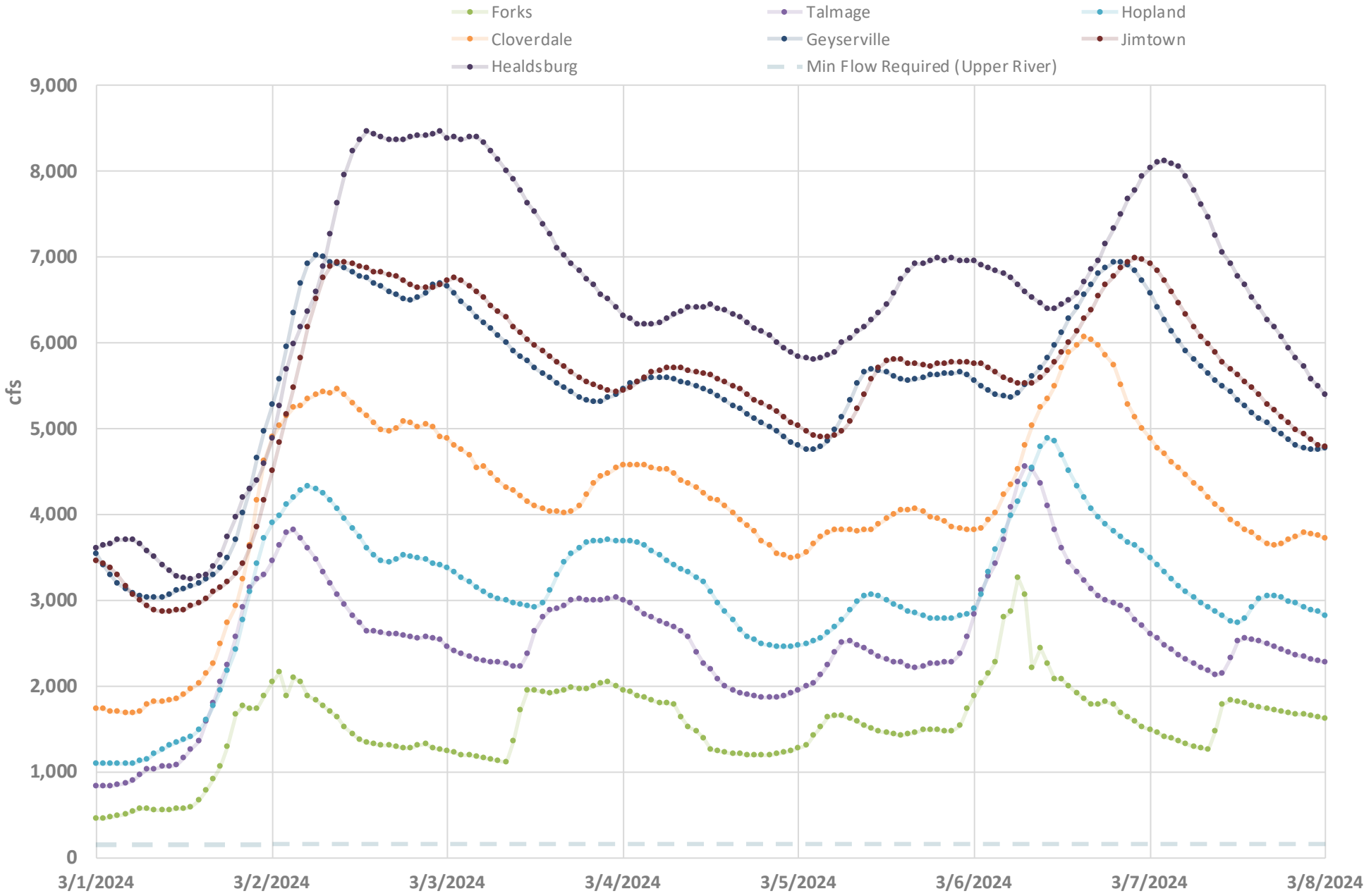
Lake Mendocino and Lake Sonoma Water Accounting Weekly Report (Term 12, Dec 2023 TUCO)

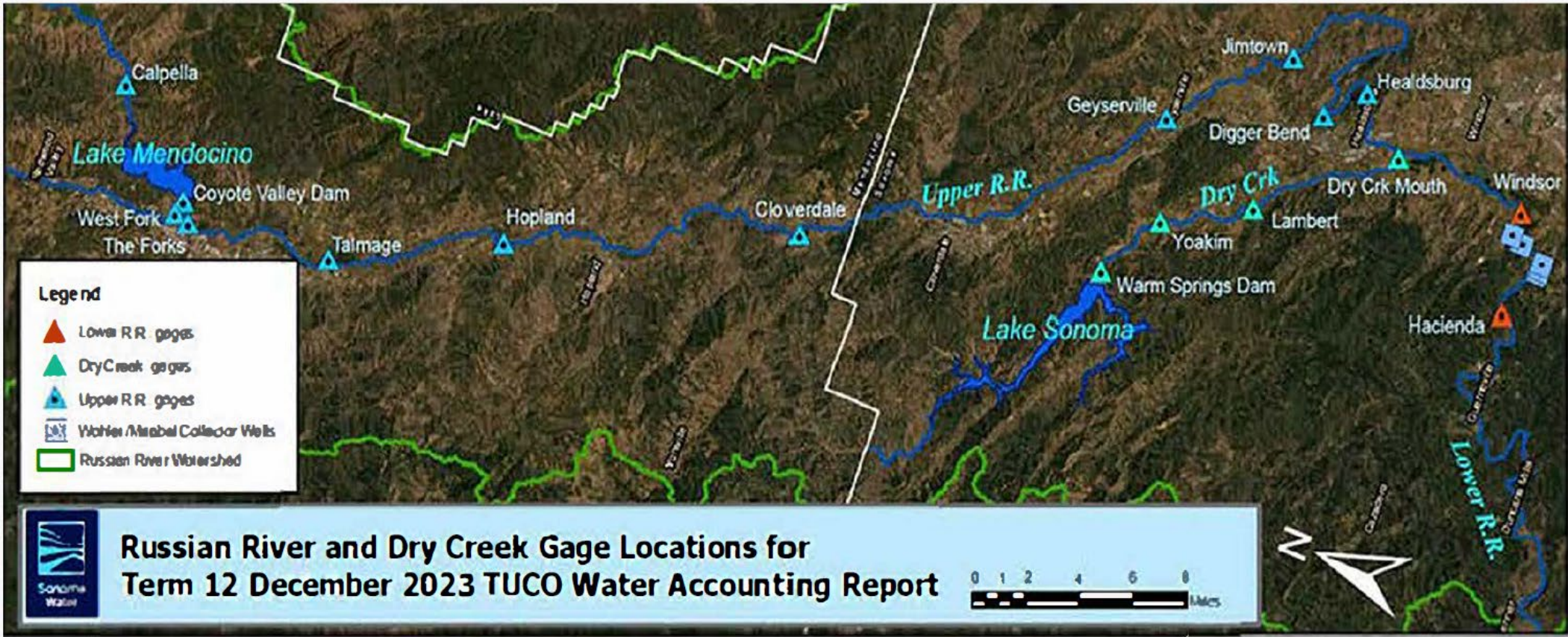
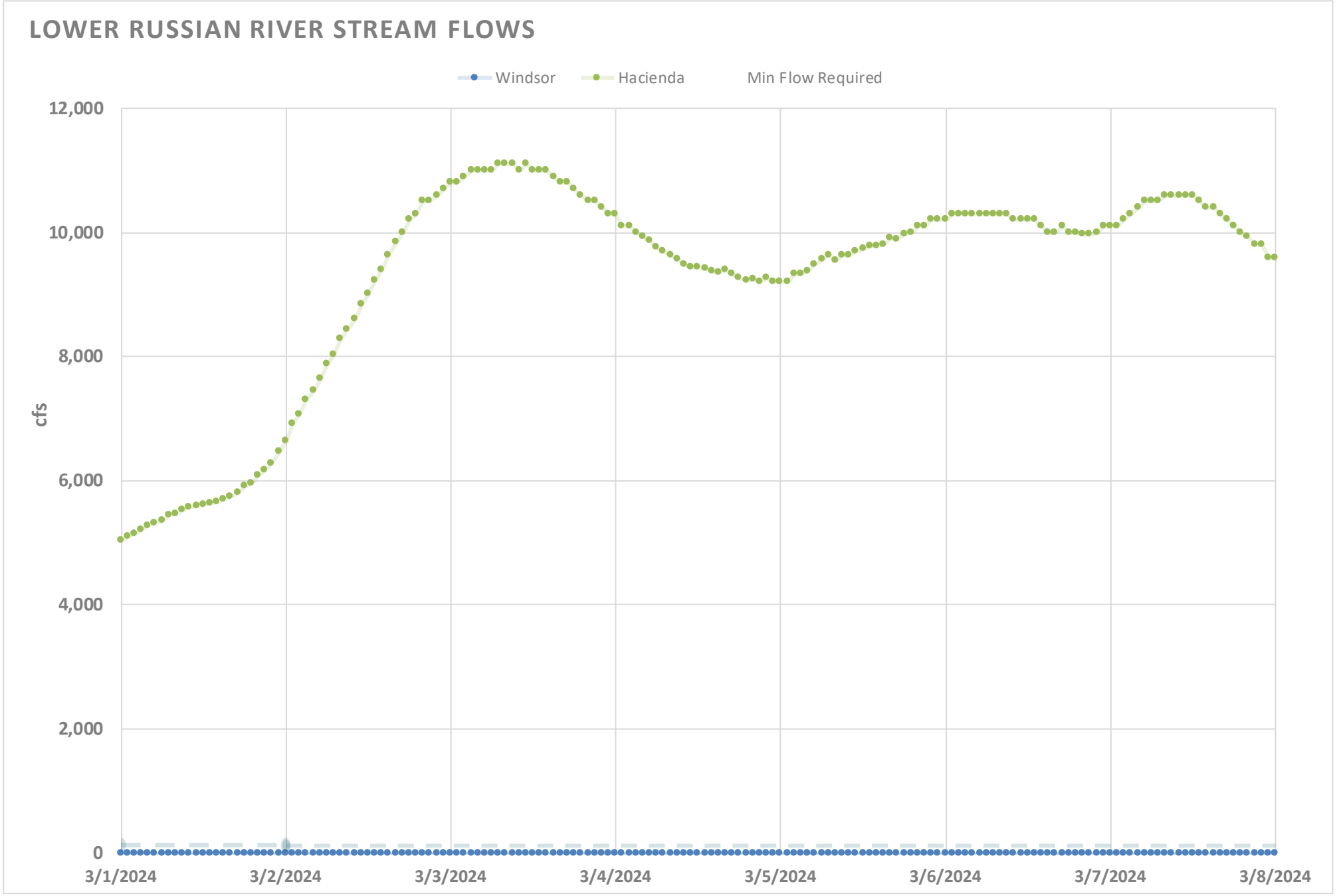
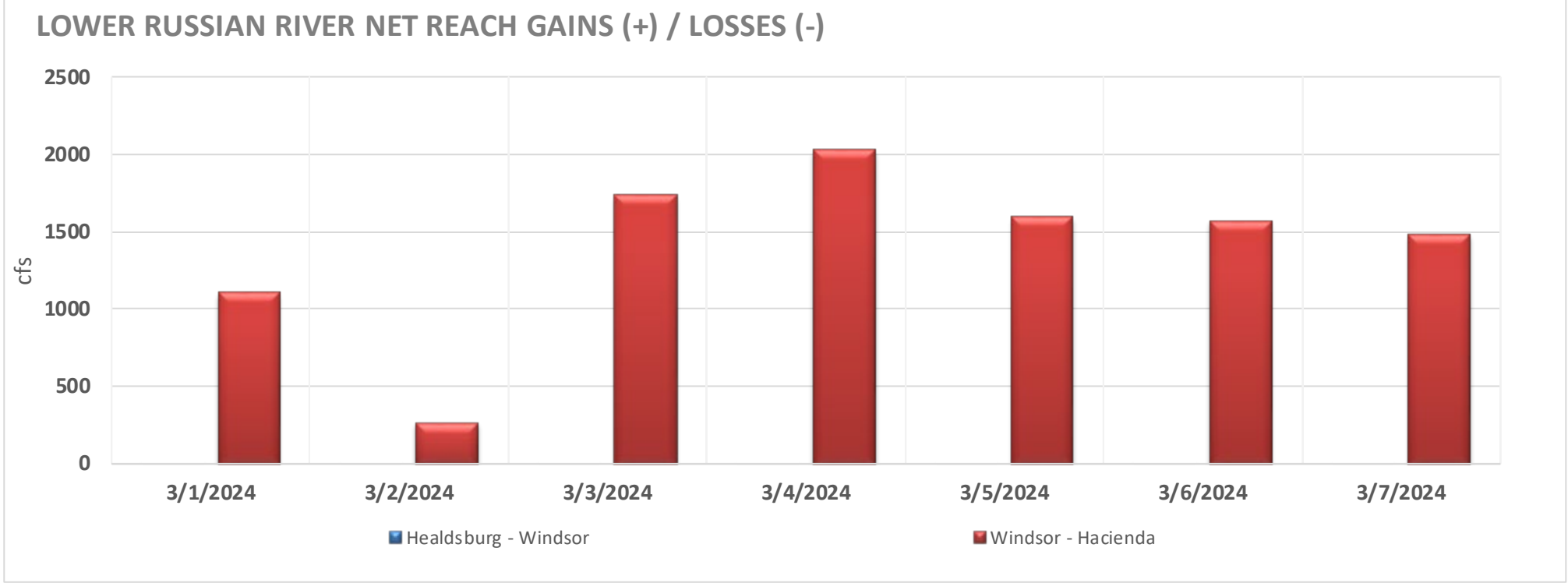
Report Date: 3/8/2024

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



UPPER RUSSIAN RIVER STREAM FLOWS





Lake Mendocino and Lake Sonoma Water Accounting Weekly Report (Term 12, Dec 2023 TUCO)

Report Date: 3/8/2024

