

Units are cfs unless noted otherwise

	3/8/2024	3/9/2024	3/10/2024	3/11/2024	3/12/2024	3/13/2024	3/14/2024
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	1.1	0.8	0.9	0.9	0.9	0.8	0.8
East Fork Release	45.0	45.0	45.0	45.0	45.0	45.0	45.0
PVID E Fork Diversions	3.9	4.2	4.2	4.1	4.1	4.2	4.2
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)	41.1	40.8	40.9	40.9	40.9	40.8	40.8
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	476.5	384.0	437.7	588.9	723.0	443.9	327.8
Net Reach Loss(-)/Gain(+)	+430.5	+338.0	+391.7	+542.9	+677.0	+397.9	+281.8
Unimpaired Natural Flow @ Calpella (est.)	389.4	297.2	350.9	502.0	636.1	357.1	240.9
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)	1,257	1,303	1,488	1,300	1,461	977	754
(cfs)	634	657	750	655	737	493	380
Natural Flow	593	616	709	614	696	452	339
Import	41	41	41	41	41	41	41
Storage Change (ac-ft)	-1,743.0	-2,650.0	-699.0	+980.0	+1,402.0	+914.0	+686.0
(cfs)	-879	-1,336	-352	+494	+707	+461	+346
Stored Natural Flow (cfs)	0	0	0	494	696	452	339
Stored Import Water (cfs)	0	0	0	0	11	9	7
Evaporation (ac-ft)	12.8	8.8	4.9	5.9	8.9	12.8	16.8
RVCWD Diversion (ac-ft)	0	0	0	0	0	0	0
CVD Release Gage	1506	1988	1100	158	25	25	26
Storage (Project Water)	872	1332	350	0	0	0	0
Natural Flow	593	616	709	119	0	0	0
Import Water	41	41	41	40	25	25	26
East Fork Min Instream Flow Requirement	25	25	25	25	25	25	25
Compliance Gage	Rvr mi.						
CVD Release	99.9	1506	1988	1100	158	25	26
CVD Project Water Release to Meet Min Flow Requirement							
Total Pass-through Water	634	657	750	158	25	25	26
Project Water Release Required	No	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		2,030	2,390	1,489	761	654	373
Controlling Gage		Forks	Forks	Forks	Forks	Forks	Forks
All Compliance Gages		Rvr mi.					
Forks	(CVD + USGS 11461000)	99.0	2,030	2,390	1,489	654	373
Talmage	(USGS 11462080)	96.1	2,432	2,691	1,983	1,469	791
Hopland	(USGS 11462500)	84.8	2,806	3,068	2,468	1,980	1,074
Cloverdale	(USGS 11463000)	70.9	3,434	3,596	3,285	2,860	1,631
Geyserville	(USGS 11463500)	54.4	4,517	4,446	4,250	4,081	3,432
Jimtown	(USGS 11463682)	48.5	4,110	3,845	3,625	3,437	2,740
Digger Bend	(USGS 11463980)	38.2	>400 cfs	>400 cfs	>400 cfs	>400 cfs	>400 cfs
Healdsburg	(USGS 11464000)	35.6	4,943	4,499	4,341	4,255	3,518
Net Reach Loss(-)/Gain(+)							
Forks - Talmage			+503	+285	+337	+637	+624
Talmage - Hopland			+415	+364	+409	+454	+360
Hopland - Cloverdale			+676	+495	+593	+850	+666
Cloverdale - Jimtown			+570	+299	+212	+389	+438
Jimtown - Digger Bend			n/d	n/d	n/d	n/d	n/d
Digger Bend - Healdsburg	*when Digger Bend > 400 cfs, next u/s gage (Jimtown) used		+693	+673	+657	+760	+707
Upper Russian Net Reach Loss/Gain			+2,856	+2,116	+2,208	+3,089	+2,795
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			634	657	750	158	25
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).

		3/8/2024	3/9/2024	3/10/2024	3/11/2024	3/12/2024	3/13/2024	3/14/2024
IV. Lake Sonoma								
Lake Sonoma								
Storage Change (ac-ft)		-509.0	-677.0	-592.0	-619.0	-647.0	-925.0	-420.0
(cfs)		-257	-341	-298	-312	-326	-466	-212
Evaporation (ac-ft)		14.2	9.5	7.9	11.0	12.6	14.1	17.2
Inflow (Natural Flow)		743	655	698	685	672	533	505
WSD Release Gage		992	992	992	992	992	992	708
Storage (Project Water)		249	337	294	307	320	459	203
Natural Flow		743	655	698	685	672	533	505
V. Lower Dry Creek Reach								
Minimum Instream Flow Requirement		75	75	75	75	75	75	75
Controlling Compliance Gage								
Min Gage Flow		992	992	992	992	992	992	708
Controlling Gage		WSD Release	WSD Release	WSD Release	WSD Release	WSD Release	WSD Release	WSD Release
All Compliance Gages		<i>Crk mi.</i>						
WSD Release	<i>14.3</i>	992	992	992	992	992	992	708
Yoakim (USGS 11465200)	<i>11.1</i>	1,070	1,045	1,028	1,022	1,014	995	752
Lambert (USGS 11465240)	<i>6.8</i>	1,297	1,260	1,248	1,250	1,237	1,215	933
Dry Crk Mouth (USGS 11465350)	<i>0.1</i>	1,520	1,380	1,326	1,316	1,304	1,237	1,082
WSD to Russian River Confluence Reach Analysis								
Total Pass-through Water		743	655	698	685	672	533	505
Net Reach Loss(-)/Gain(+)								
WSD - Yoakim		+78	+53	+36	+30	+22	+3	+4
Yoakim - Lambert		+227	+214	+221	+227	+222	+220	+160
Lambert - Dry Crk Mouth		+215	+115	+82	+59	+69	+19	+70
WSD - Dry Crk Mouth		+520	+382	+339	+316	+313	+242	+234
WSD Project Water Release to Meet Min Flow Requirement								
Net Reach Loss/Gain to Controlling Gage		+0	+0	+0	+0	+0	+0	+0
Project Water Release Required		Yes	Yes	Yes	Yes	Yes	Yes	Yes
VI. Russian River - Dry Creek Confluence								
Upper Russian River Flow (Healdsburg Gage)								
L. Mendocino Project Water + Import Water		913	1,373	391	40	25	25	26
Natural Flow		3,449	2,732	2,918	3,208	2,795	2,389	2,120
Dry Creek Flow (Mouth Gage)								
L. Sonoma Project Water		249	337	294	307	320	459	203
Natural Flow		1,271	1,043	1,037	1,010	985	777	879
Russian River d/s of Confluence Flow		6,463	5,879	5,667	5,571	4,821	4,409	3,746
L. Mendocino Project Water + Import Water		913	1,373	391	40	25	25	26
L. Sonoma Project Water		249	337	294	307	320	459	203
Natural Flow		4,720	3,775	3,954	4,218	3,780	3,166	2,999
VII. Lower Russian River Reach								
Minimum Instream Flow Requirement		125	125	125	125	125	125	125
Controlling Compliance Gage								
Min Gage Flow		8,468	7,305	7,010	6,847	6,313	5,678	4,997
Controlling Gage		Hacienda	Hacienda	Hacienda	Hacienda	Hacienda	Hacienda	Hacienda
All Compliance Gages		<i>Rvr mi.</i>						
Windsor (USGS 11465390)	<i>26.6</i>	<i>n/d</i>	<i>n/d</i>	<i>n/d</i>	<i>n/d</i>	<i>n/d</i>	<i>n/d</i>	<i>n/d</i>
Hacienda (USGS 11467000)	<i>21.8</i>	8,468	7,305	7,010	6,847	6,313	5,678	4,997
Confluence to Windsor Reach Analysis								
Net Reach Loss/Gain to Windsor Gage		-	-	-	-	-	-	-
L. Mendocino Project Water + Import Water		-	-	-	-	-	-	-
L. Sonoma Project Water		-	-	-	-	-	-	-
Natural Flow		-	-	-	-	-	-	-
Confluence to SCWA Wohler Production Facility Reach Analysis								
Approx. Flow u/s of Wohler		8,515	7,344	7,045	6,892	6,357	5,722	5,036
Net Reach Loss(-)/Gain(+)		+2,052	+1,465	+1,378	+1,320	+1,536	+1,313	+1,290
L. Mendocino Project Water + Import Water		913	1,373	391	40	25	25	26
L. Sonoma Project Water		247	335	293	305	318	457	202
Natural Flow		6,772	5,241	5,332	5,538	5,315	4,479	4,288
Confluence to Hacienda (Guerneville) Reach Analysis								
Net Reach Loss(-)/Gain(+)		+2,005	+1,426	+1,343	+1,276	+1,491	+1,268	+1,251
L. Mendocino Project Water + Import Water		913	1,373	391	40	25	25	26
L. Sonoma Project Water		200	295	258	260	274	413	163
Natural Flow		6,772	5,241	5,332	5,538	5,315	4,479	4,288
VIII. Water Production under Sonoma Water Water Rights (ac-ft)								
Lower Russian River								
Sonoma Water Total		93.2	78.4	68.9	88.1	88.2	88.0	77.4
Wohler		43.8	28.5	22.9	38.5	38.0	38.1	28.1
Mirabel		49.4	49.9	46.0	49.6	50.2	49.9	49.3
Town of Windsor River Wellfield		3.5	3.2	3.0	3.8	3.2	3.5	2.8
Camp Meeker & Occidental		0.0	0.0	0.0	0.0	0.0	0.0	0.0
Upper Russian River								
City of Healdsburg								
Gauntlett & Fitch Mtn		0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dry Creek								
City of Healdsburg								
Dry Creek Wellfield		0.0	0.0	0.0	0.0	0.0	0.0	0.0

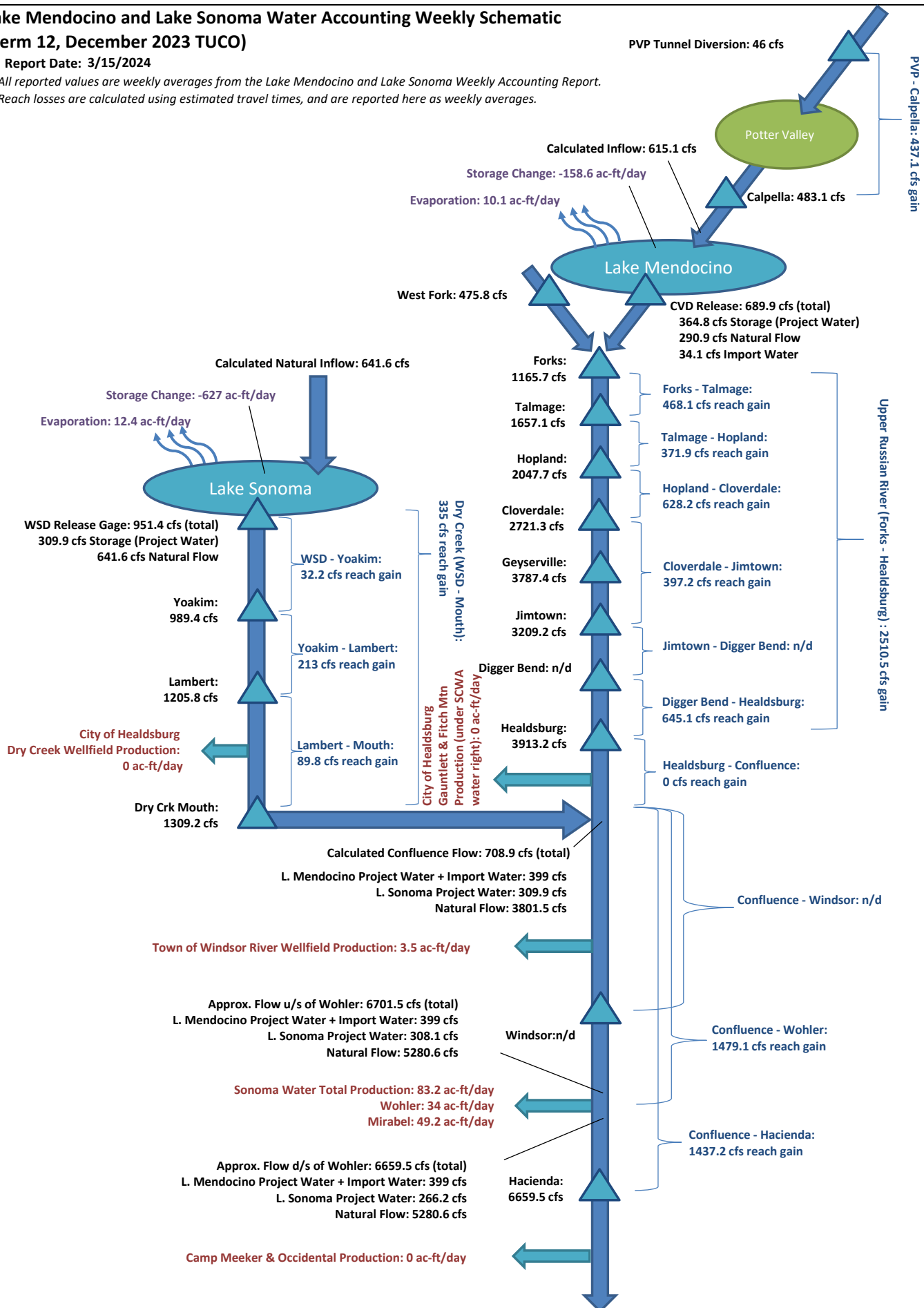
Notes:

- Water Accounting for the Lower Russian River and Dry Creek is an analysis that approximates the current conditions based on the methodology in 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: 3/15/2024

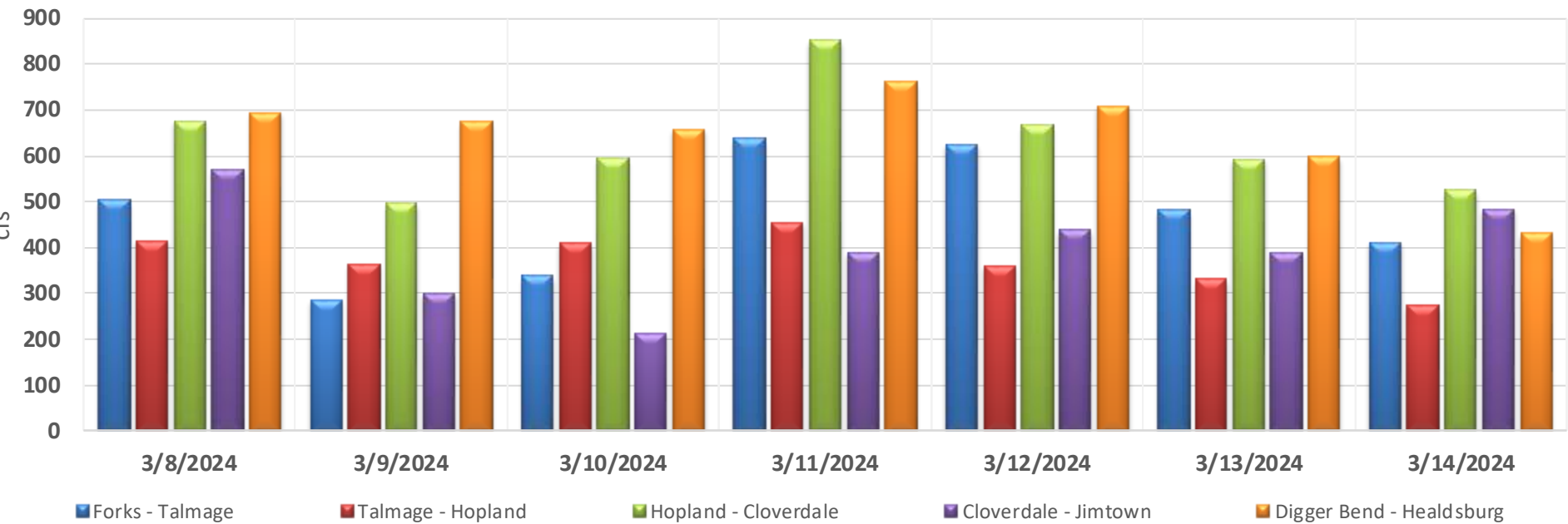
All reported values are weekly averages from the Lake Mendocino and Lake Sonoma Weekly Accounting Report.
Reach losses are calculated using estimated travel times, and are reported here as weekly averages.



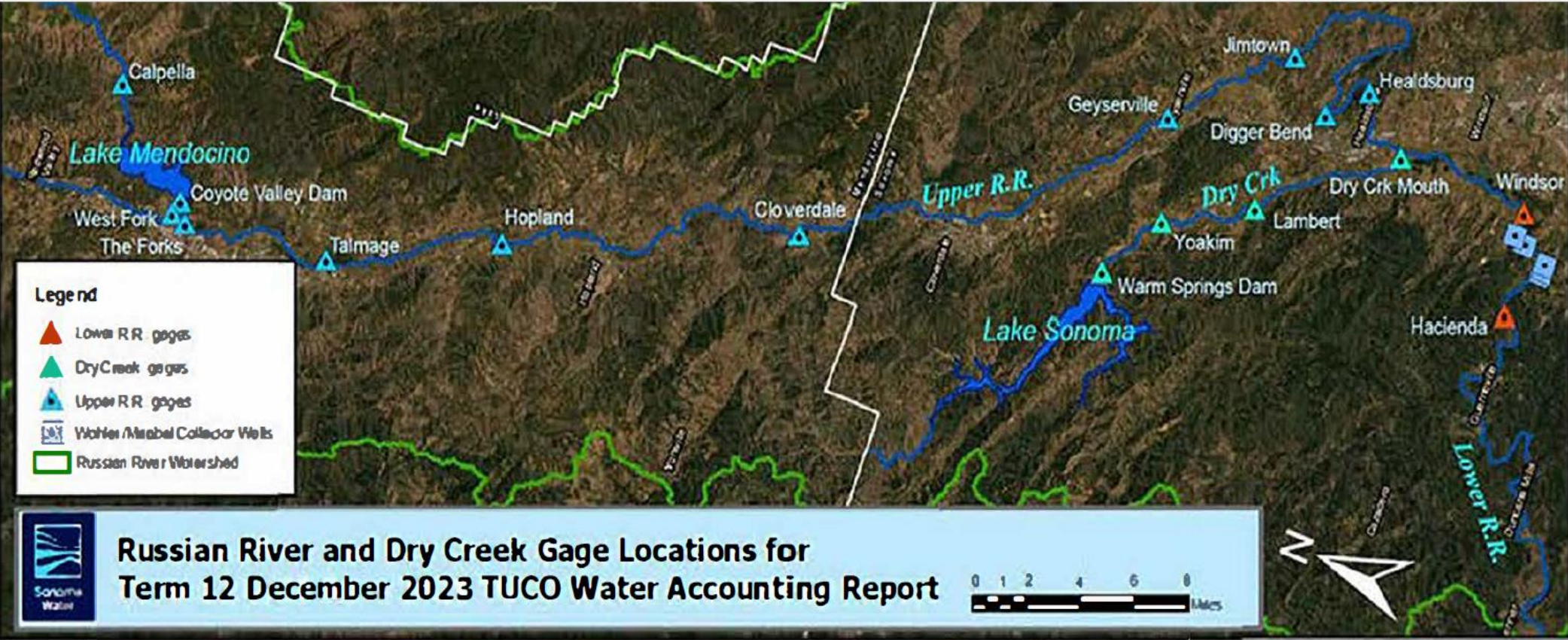
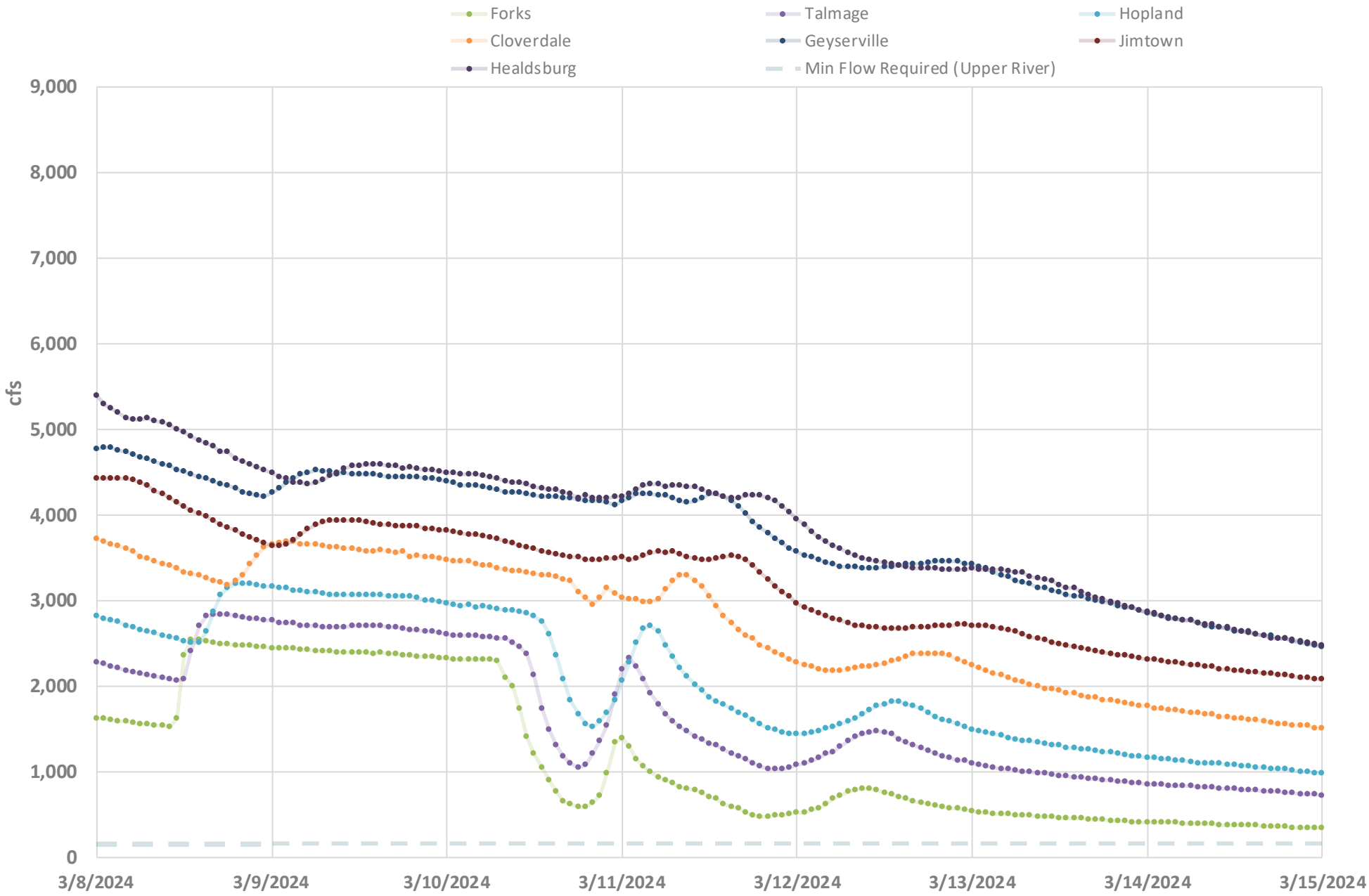
Lake Mendocino and Lake Sonoma Water Accounting Weekly Report (Term 12, Dec 2023 TUCO)

Report Date: 3/15/2024

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

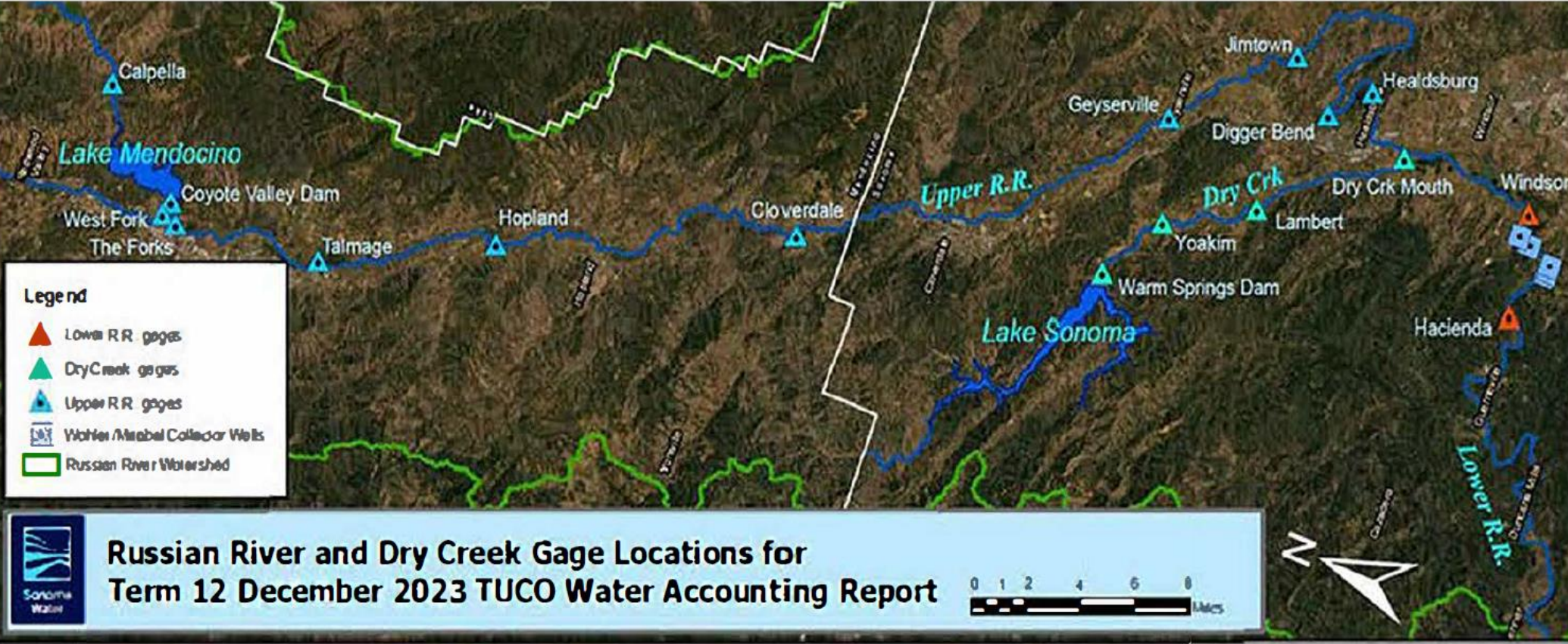
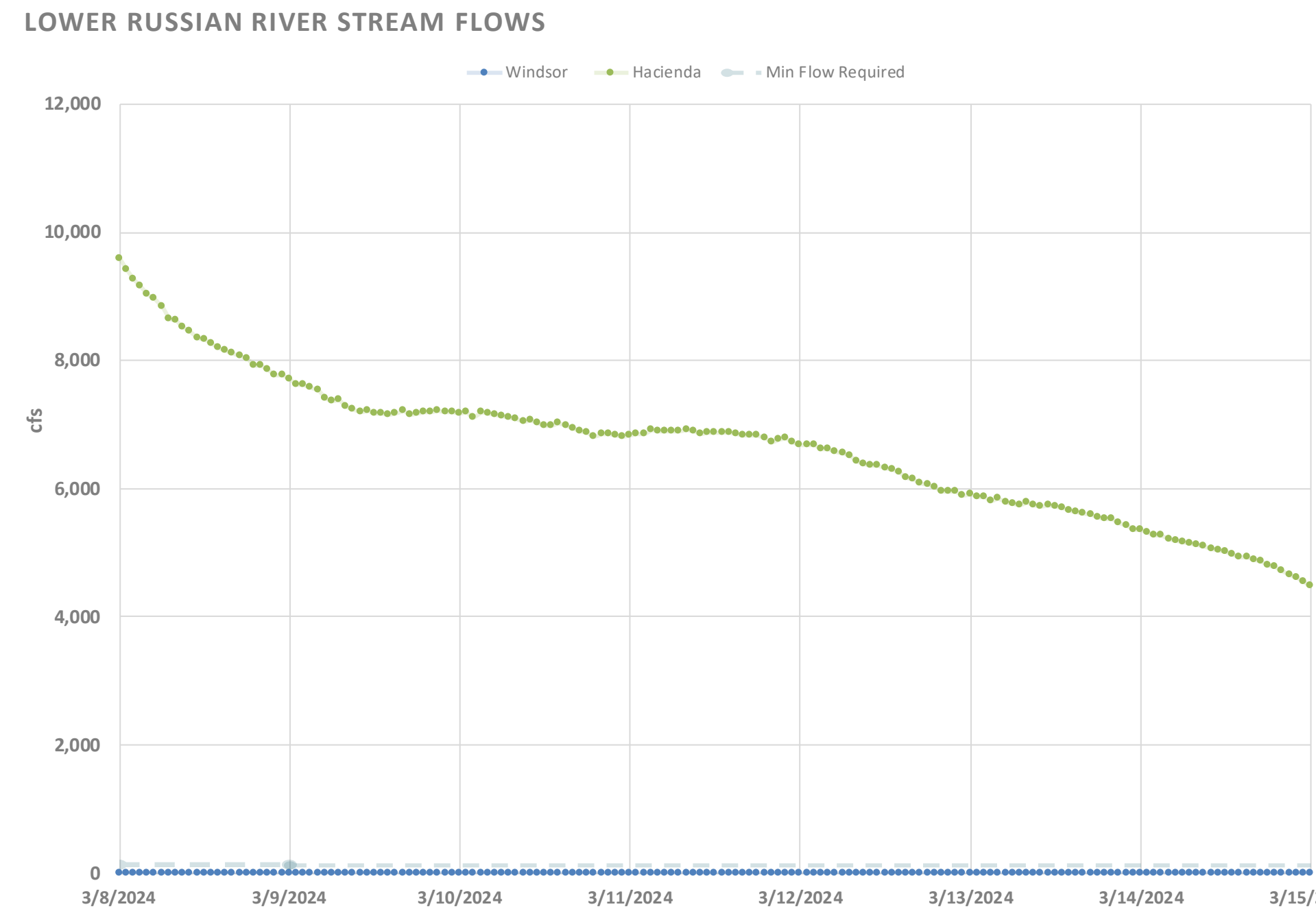
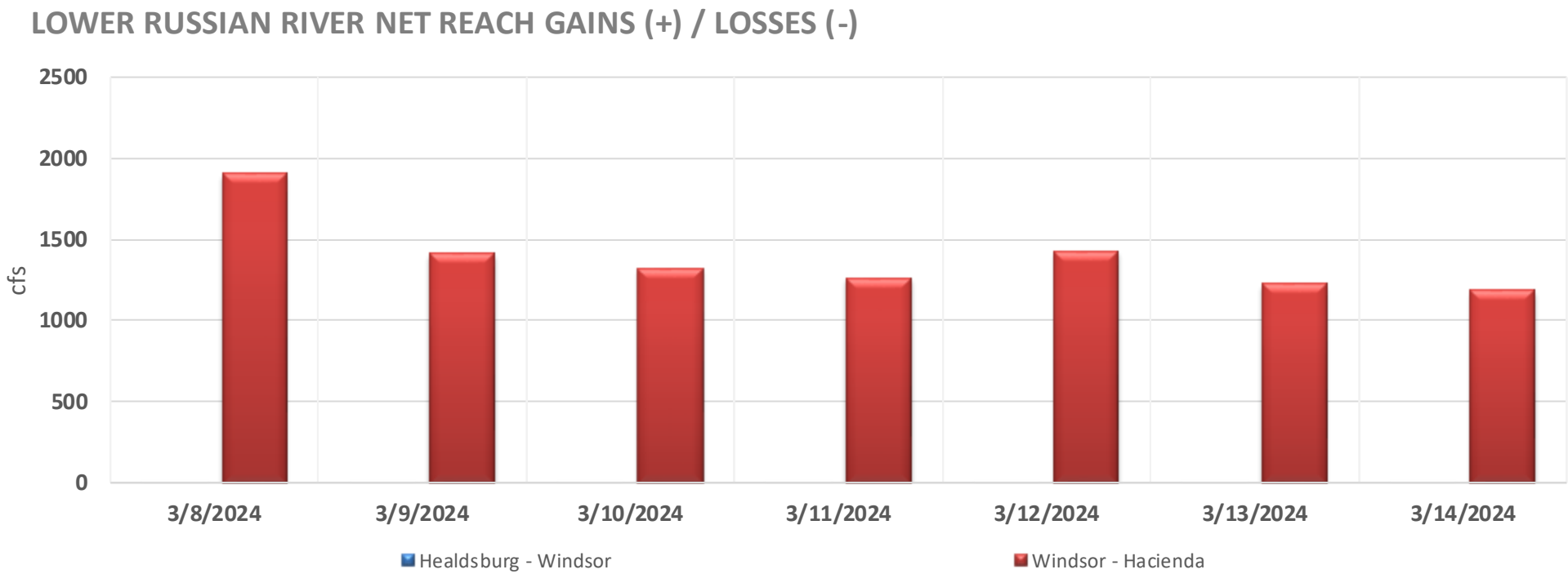


UPPER RUSSIAN RIVER STREAM FLOWS



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

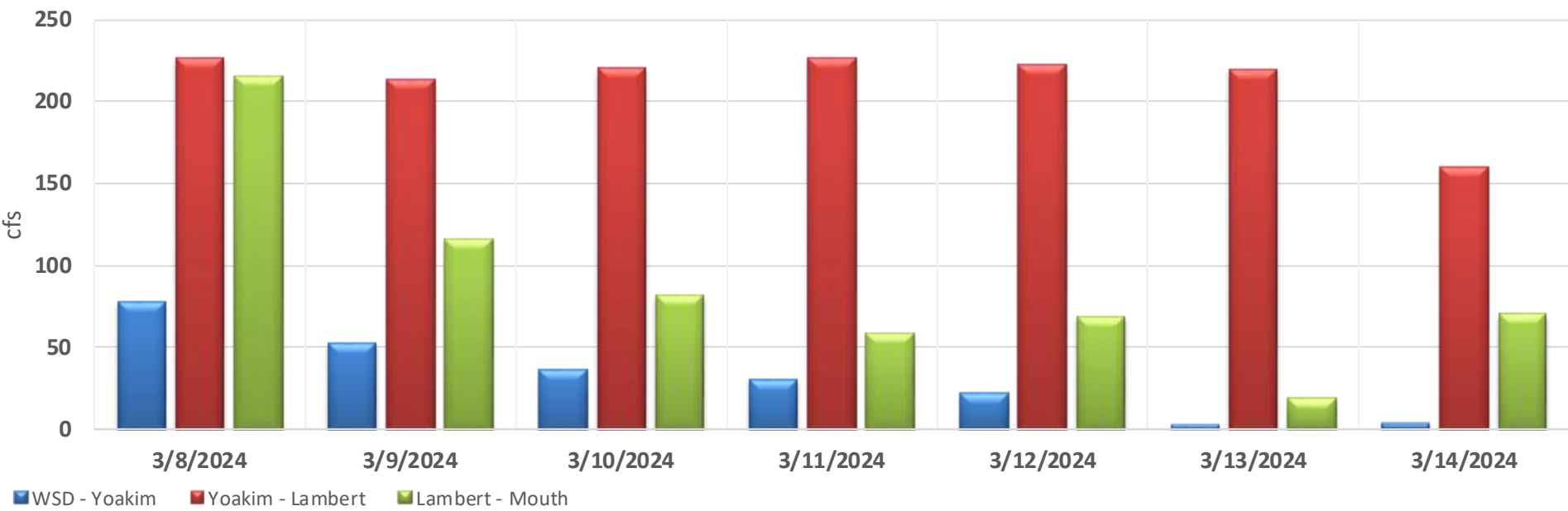
Report Date: 3/15/2024



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

Report Date: 3/15/2024

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



DRY CREEK STREAM FLOWS

