

Units are cfs unless noted otherwise

	2/16/2024	2/17/2024	2/18/2024	2/19/2024	2/20/2024	2/21/2024	2/22/2024
I. Upper East Fork Reach							
Potter Valley Project							
Tunnel Diversion	46.0	46.0	46.0	20.0	2.0	12.0	46.0
PVID Requested Delivery	5.0	5.0	5.0	5.0	5.0	5.0	5.0
PVID Canals Actual Delivery	0.9	2.1	4.0	2.0	0.3	0.8	2.4
East Fork Release	45.0	44.0	42.0	18.0	2.0	11.0	44.0
PVID E Fork Diversions	4.2	2.9	1.0	3.0	4.8	4.3	2.6
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)	40.9	41.1	41.0	15.0	0.0	6.8	41.4
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	373.3	937.9	1,488.9	1,973.4	1,532.6	1,034.2	766.8
Net Reach Loss(-)/Gain(+)	+327.3	+891.9	+1,442.9	+1,953.4	+1,530.6	+1,022.2	+720.8
Unimpaired Natural Flow @ Calpella (est.)	286.4	850.8	1401.9	1938.4	1530.6	1015.4	679.4
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0

II. Lake Mendocino

Reservoir Operations								
Calculated Inflow (ac-ft)	923	1,900	3,036	4,357	3,188	2,095	1,615	
(cfs)	465	958	1,531	2,197	1,607	1,056	814	
Natural Flow	424	917	1,490	2,182	1,607	1,049	773	
Import	41	41	41	15	0	7	41	
Storage Change (ac-ft)	-547.0	+1,590.0	+2,733.0	+4,053.0	+2,895.0	+1,120.0	+123.0	
(cfs)	-276	+802	+1,378	+2,043	+1,460	+565	+62	
Stored Natural Flow (cfs)	0	802	1,378	2,043	1,460	565	62	
Stored Import Water (cfs)	0	0	0	0	0	0	0	
Evaporation (ac-ft)	6.0	2.0	5.0	6.1	3.0	5.1	8.1	
RVCWD Diversion (ac-ft)	0	0	0	0	0	0	0	
CVD Release Gage	738	156	150	150	146	489	748	
Storage (Project Water)	273	0	0	0	0	0	0	
Natural Flow	424	115	110	137	147	483	709	
Import Water	41	40	40	13	0	6	39	
East Fork Min Instream Flow Requirement	25	25	25	25	25	25	25	
<u>Compliance Gage</u>	<u>Rvr mi.</u>							
CVD Release	99.9	738	156	150	150	146	489	748
<u>CVD Project Water Release to Meet Min Flow Requirement</u>								
Total Pass-through Water	465	155	150	150	147	489	748	
Project Water Release Required	No	No	No	No	No	No	No	

III. Upper Russian River Reach

<u>Minimum Instream Flow Requirement</u>			150	150	150	150	150	150	150
<u>Controlling Compliance Gage</u>									
Min Gage Flow			1,072	865	1,537	2,186	1,966	1,571	1,450
Controlling Gage			Forks	Forks	Forks	Forks	Forks	Forks	Forks
<u>All Compliance Gages</u>			<u>Rvr mi.</u>						
Forks	(CVD + USGS 11461000)	99.0	1,072	865	1,537	2,186	1,966	1,571	1,450
Talmage	(USGS 11462080)	96.1	1,131	1,306	2,643	4,293	3,713	2,703	2,224
Hopland	(USGS 11462500)	84.8	1,392	1,372	3,281	5,572	4,900	3,552	2,918
Cloverdale	(USGS 11463000)	70.9	1,650	1,990	4,591	9,160	9,224	5,325	4,048
Geyserville	(USGS 11463500)	54.4	2,777	3,025	6,488	12,506	14,500	8,700	6,194
Jimtown	(USGS 11463682)	48.5	2,613	2,790	6,573	11,528	14,388	9,361	6,639
Digger Bend	(USGS 11463980)	38.2	>400 cfs	>400 cfs	>400 cfs	>400 cfs	>400 cfs	>400 cfs	>400 cfs
Healdsburg	(USGS 11464000)	35.6	2,823	3,103	8,686	15,363	19,850	13,075	8,486
<u>Net Reach Loss(-)/Gain(+)</u>									
Forks - Talmage			+19	+582	+1,167	+2,013	+1,712	+1,136	+748
Talmage - Hopland			+231	+331	+702	+1,213	+1,104	+821	+630
Hopland - Cloverdale			+232	+851	+1,446	+3,746	+4,138	+1,717	+997
Cloverdale - Jimtown			+934	+1,261	+2,411	+3,435	+4,394	+3,475	+2,368
Jimtown - Digger Bend			n/d	n/d	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>			+159	+577	+2,454	+4,747	+5,238	+3,074	+1,614
Upper Russian Net Reach Loss/Gain			+1,575	+3,602	+8,179	+15,154	+16,586	+10,223	+6,357
<u>CVD Project Water Release to Meet Min Flow Requirement</u>									
Net Reach Loss(-)/Gain(+) to Controlling Gage			+0	+0	+0	+0	+0	+0	+0
Storage (Project Water)			0	0	0	0	0	0	0
Pass-through Water (Nat. + Imp.) + Natural			0	0	0	0	0	0	0
Total Pass-through Water			465	155	150	150	147	489	748
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).

	2/16/2024	2/17/2024	2/18/2024	2/19/2024	2/20/2024	2/21/2024	2/22/2024
IV. Lake Sonoma							
Lake Sonoma							
Storage Change (ac-ft)	+81.0	+2,439.0	+4,245.0	+8,720.0	+7,442.0	+2,474.0	-314.0
(cfs)	+41	+1,230	+2,140	+4,396	+3,752	+1,247	-158
Evaporation (ac-ft)	6.2	1.6	8.0	8.1	4.9	6.6	8.3
Inflow (Natural Flow)	392	1,386	2,300	4,559	3,910	2,188	1,344
WSD Release Gage	348	156	156	159	156	937	1498
Storage (Project Water)	0	0	0	0	0	0	154
Natural Flow	348	156	156	159	156	937	1344

V. Lower Dry Creek Reach

Minimum Instream Flow Requirement		75	75	75	75	75	75
Controlling Compliance Gage							
Min Gage Flow		348	156	156	159	156	937
Controlling Gage		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>	348	156	156	159	156	937
Yoakim (USGS 11465200)	<i>11.1</i>	478	461	684	1,062	980	1,386
Lambert (USGS 11465240)	<i>6.8</i>	600	614	905	1,447	1,393	1,587
Dry Crk Mouth (USGS 11465350)	<i>0.1</i>	909	1,019	1,930	3,215	4,074	2,907
WSD to Russian River Confluence Reach Analysis							
Total Pass-through Water		348	156	156	159	156	937
Net Reach Loss(-)/Gain(+)							
WSD - Yoakim		+368	+349	+575	+955	+868	+1,276
Yoakim - Lambert		+107	+170	+229	+394	+402	+250
Lambert - Dry Crk Mouth		+271	+482	+1,030	+1,782	+2,654	+1,413
WSD - Dry Crk Mouth		+746	+1,001	+1,834	+3,130	+3,925	+2,939
WSD Project Water Release to Meet Min Flow Requirement							
Net Reach Loss/Gain to Controlling Gage		+0	+0	+0	+0	+0	+0
Project Water Release Required		No	No	No	No	No	Yes

VI. Russian River - Dry Creek Confluence

Upper Russian River Flow (Healdsburg Gage)							
L. Mendocino Project Water + Import Water		314	41	40	14	0	6
Natural Flow		1,999	3,717	8,290	15,290	16,733	10,706
Dry Creek Flow (Mouth Gage)							
L. Sonoma Project Water		0	0	0	0	0	0
Natural Flow		909	1,019	1,930	3,215	4,074	2,907
Russian River d/s of Confluence Flow		3,732	4,122	10,616	18,578	23,924	15,982
L. Mendocino Project Water + Import Water		314	41	40	14	0	6
L. Sonoma Project Water		0	0	0	0	0	0
Natural Flow		2,908	4,736	10,220	18,505	20,807	13,613

VII. Lower Russian River Reach

Minimum Instream Flow Requirement		125	125	125	125	125	125
Controlling Compliance Gage							
Min Gage Flow		4,662	4,135	10,210	19,017	26,850	25,708
Controlling Gage		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>
Hacienda (USGS 11467000)	<i>21.8</i>	4,662	4,135	10,210	19,017	26,850	25,708
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		4,699	4,180	10,254	19,061	26,887	25,739
Net Reach Loss(-)/Gain(+)		+967	+58	-362	+484	+2,963	+9,757
L. Mendocino Project Water + Import Water		314	41	40	14	0	6
L. Sonoma Project Water		0	0	0	0	0	0
Natural Flow		3,875	4,793	9,858	18,989	23,770	23,370
Confluence to Hacienda (Guerneville) Reach Analysis							
Net Reach Loss(-)/Gain(+)		+930	+14	-407	+439	+2,926	+9,726
L. Mendocino Project Water + Import Water		314	41	40	14	0	6
L. Sonoma Project Water		0	0	0	0	0	0
Natural Flow		3,838	4,749	9,813	18,945	23,733	23,340

VIII. Water Production under Sonoma Water Water Rights (ac-ft)

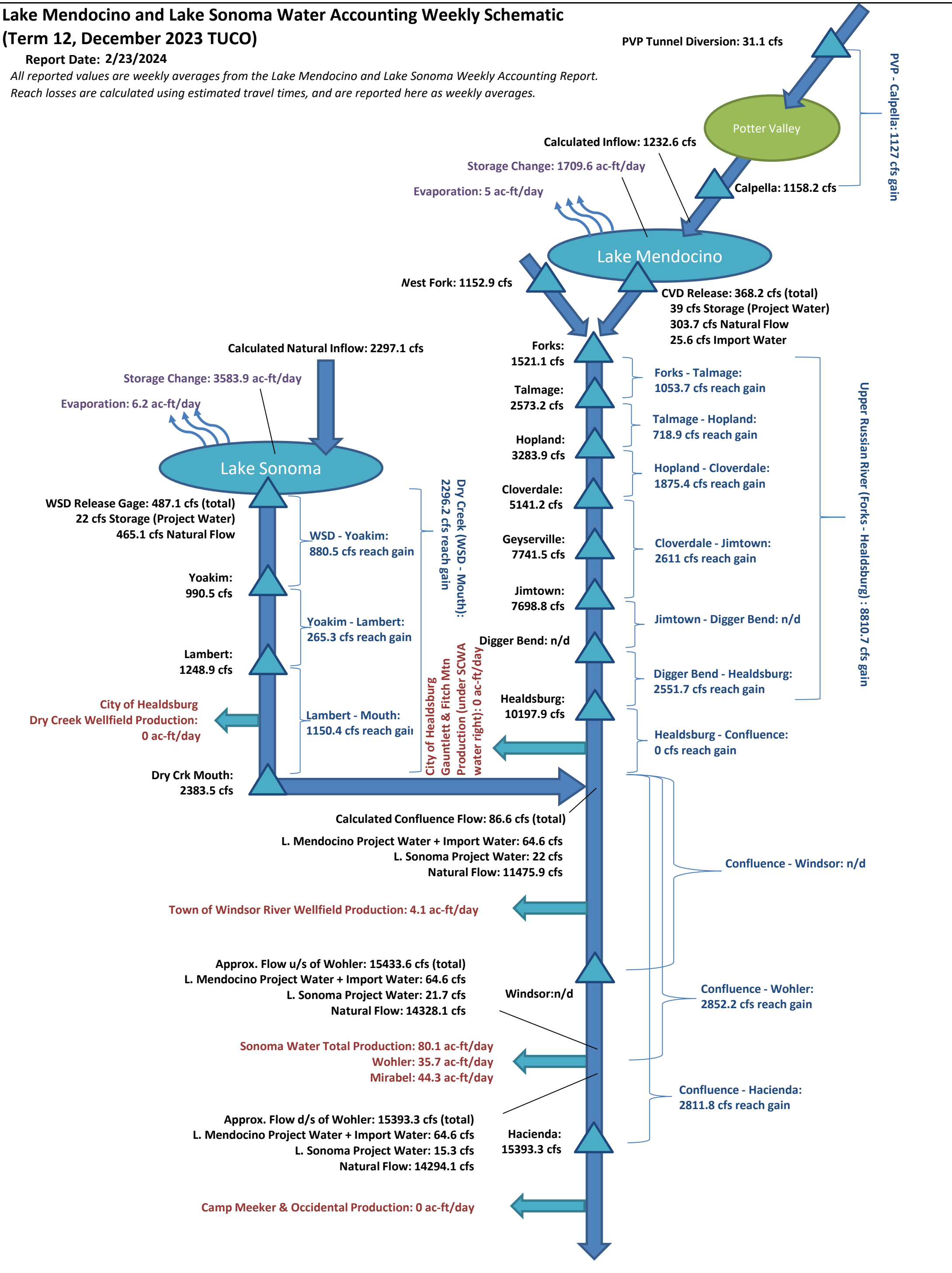
Lower Russian River							
Sonoma Water Total		73.2	87.8	87.9	88.4	73.9	60.4
Wohler		28.1	37.9	37.5	38.1	38.5	31.7
Mirabel		45.1	49.9	50.4	50.2	35.4	28.8
Town of Windsor River Wellfield		4.1	3.8	3.7	3.9	4.4	3.5
Camp Meeker & Occidental		0.0	0.0	0.0	0.0	0.0	0.0
Upper Russian River							
City of Healdsburg							
Gauntlett & Fitch Mtn		0.0	0.0	0.0	0.0	0.0	0.0
Dry Creek							
City of Healdsburg							
Dry Creek Wellfield		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).

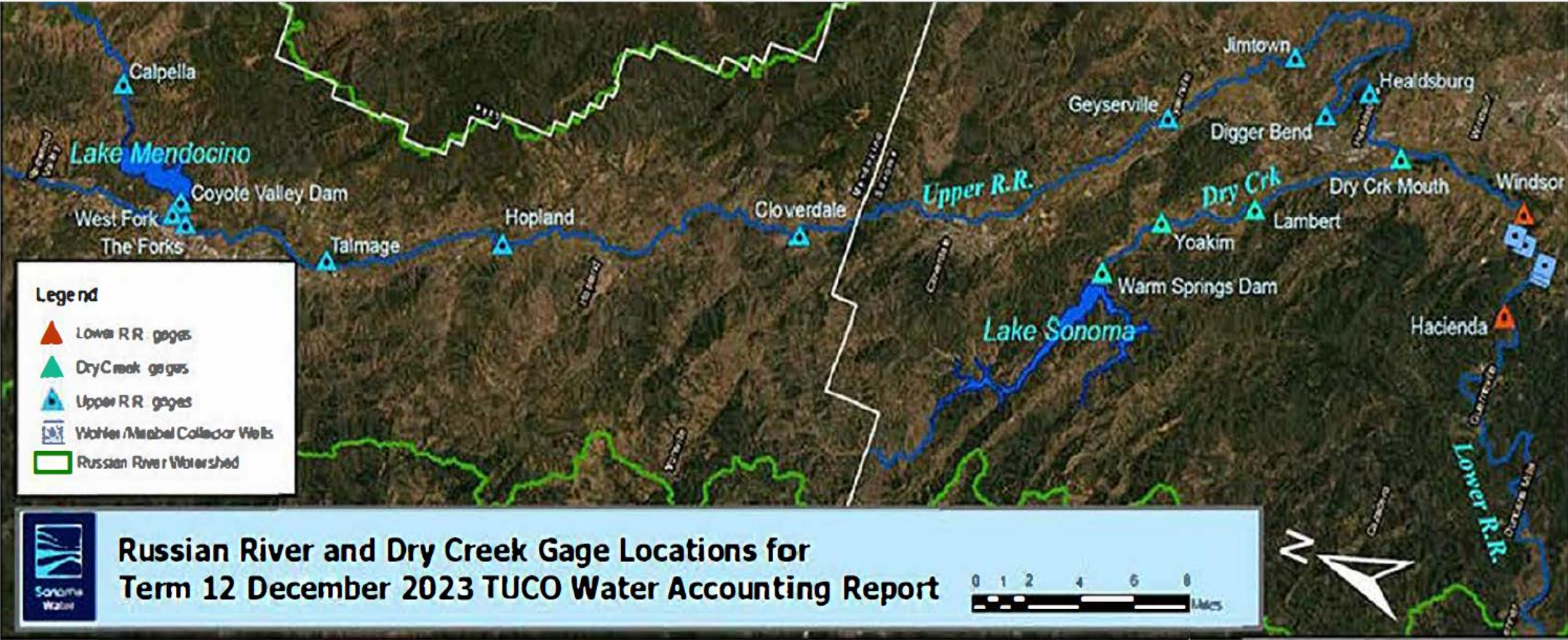
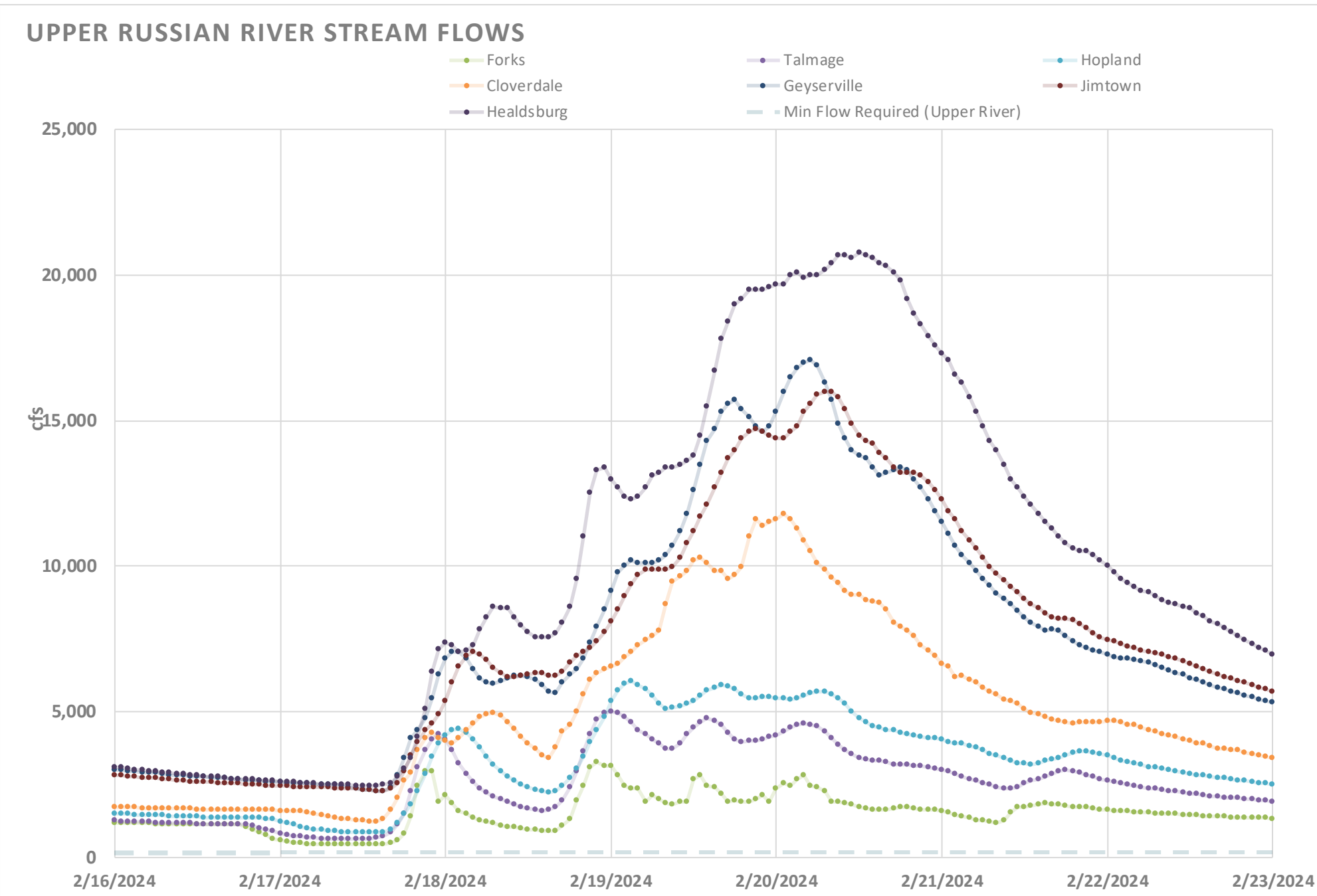
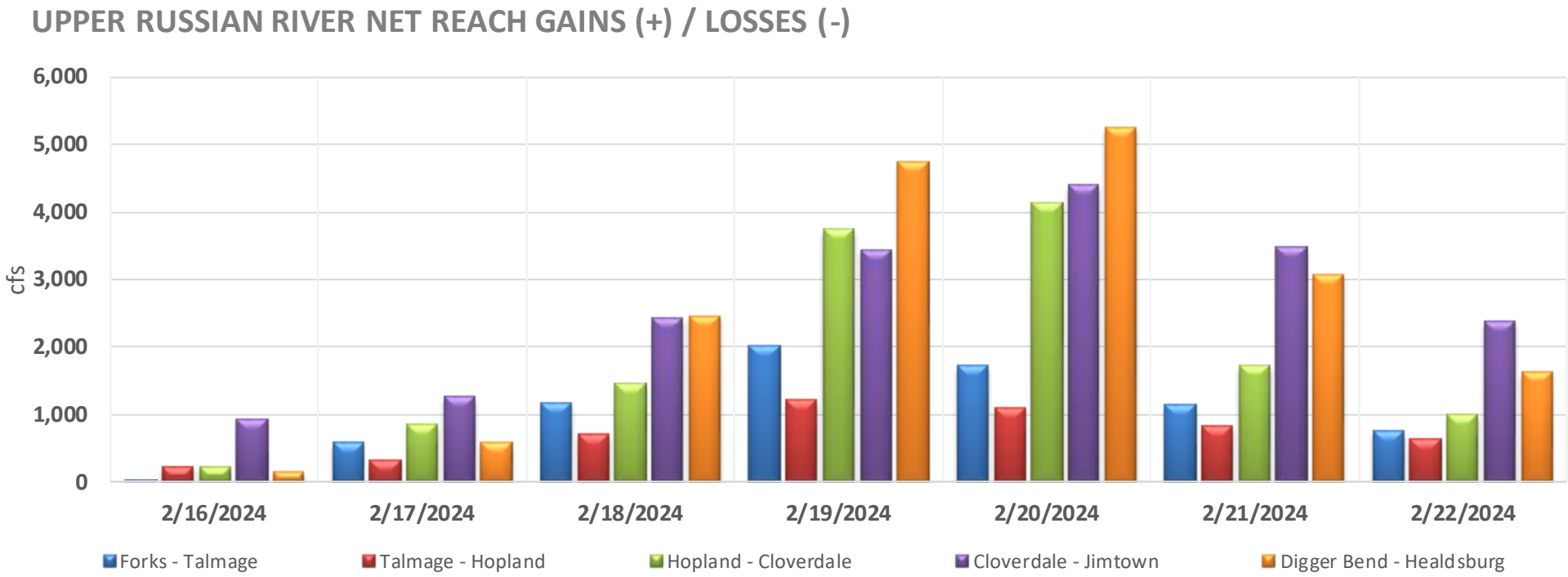
Lake Mendocino and Lake Sonoma Water Accounting Weekly Schematic
(Term 12, December 2023 TUCO)

Report Date: 2/23/2024
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.



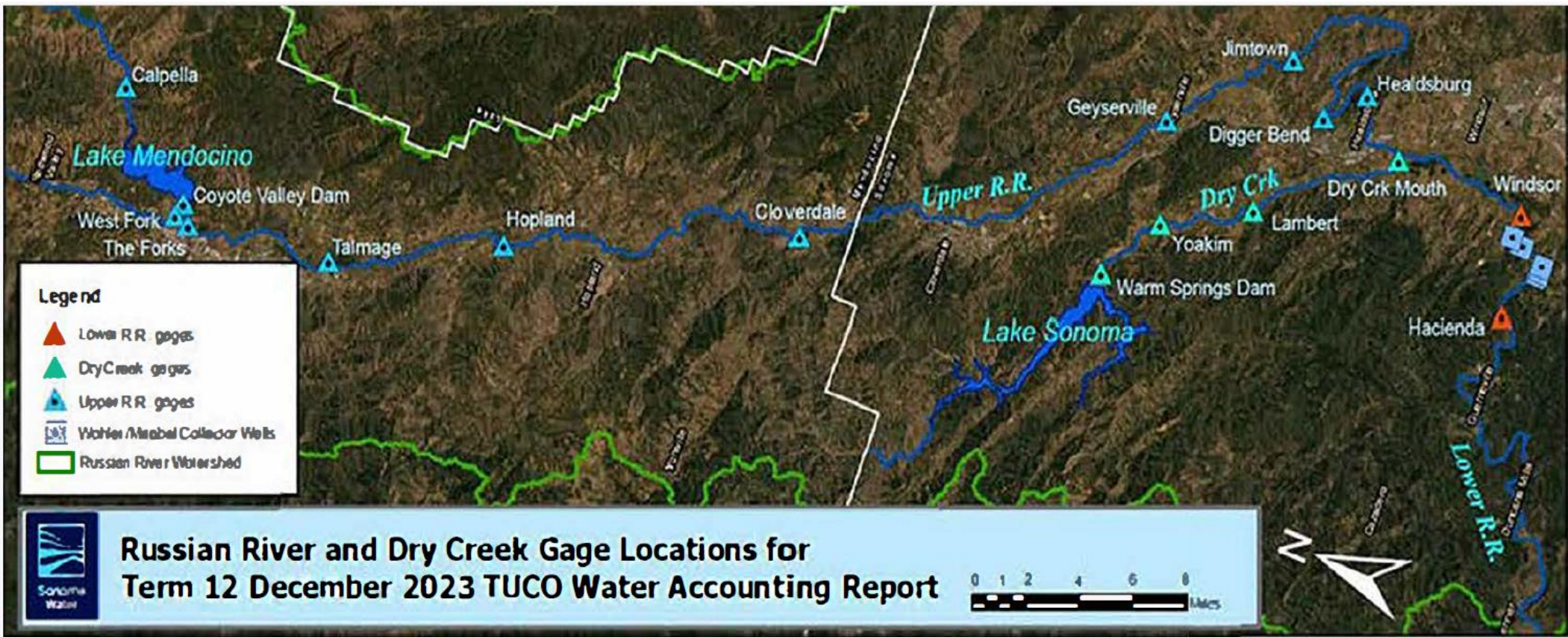
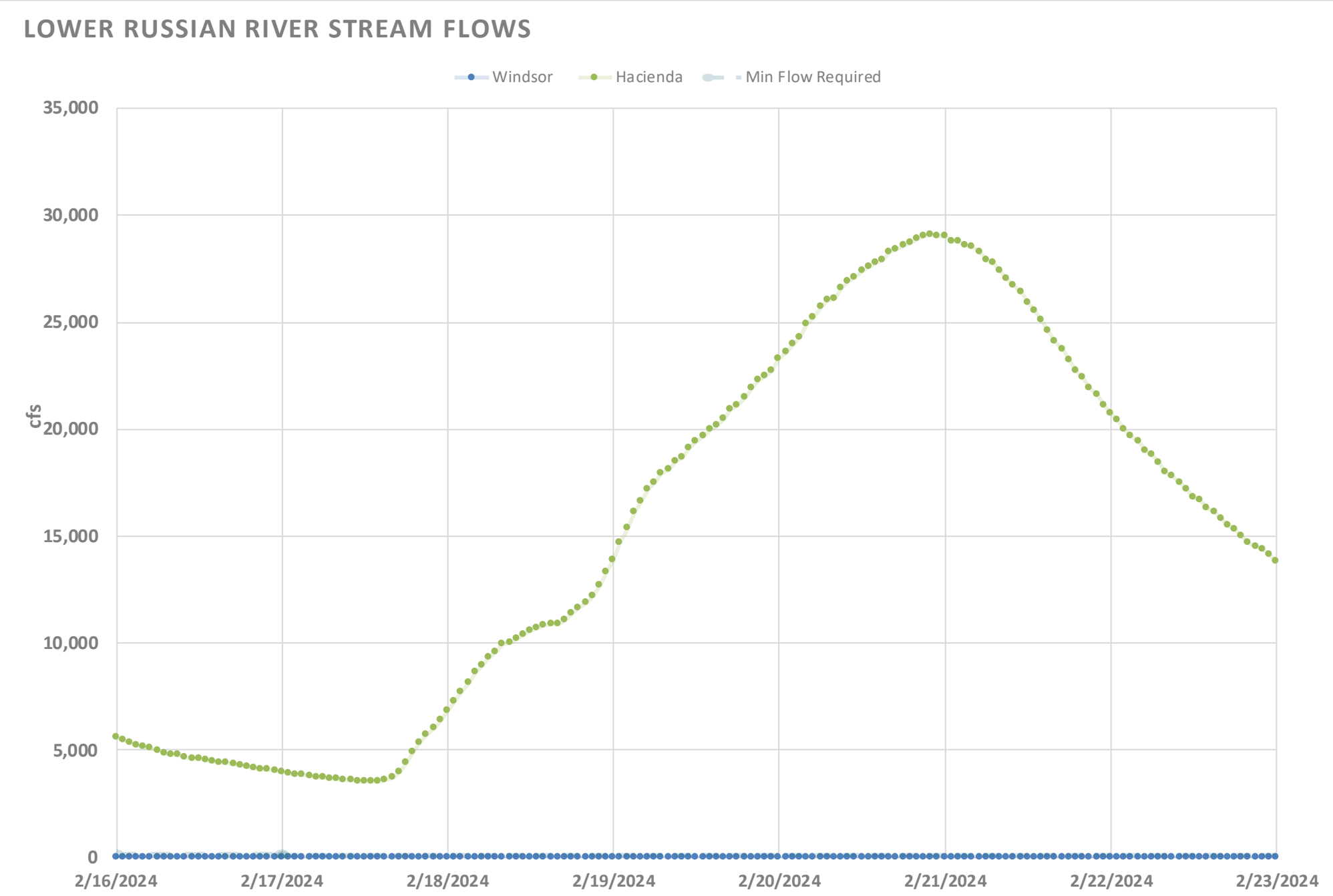
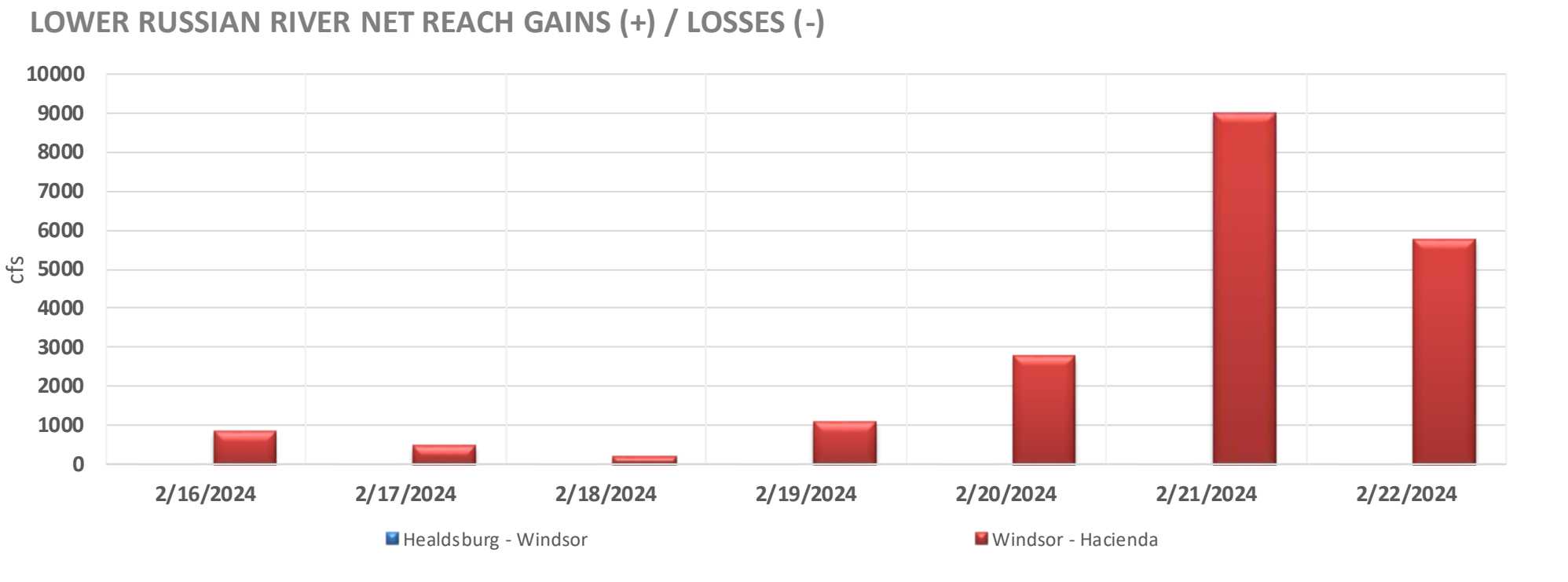
Lake Mendocino and Lake Sonoma Water Accounting Weekly Report (Term 12, Dec 2023 TUCO)

Report Date: 2/23/2024



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