

Units are cfs unless noted otherwise

	1/26/2024	1/27/2024	1/28/2024	1/29/2024	1/30/2024	1/31/2024	2/1/2024
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	0.8	0.6	0.5	0.6	0.9	1.9	1.4
East Fork Release	45.0	45.0	46.0	45.0	45.0	44.0	45.0
PVID E Fork Diversions	4.2	4.4	4.5	4.4	4.1	3.1	3.6
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)	40.8	40.6	41.5	40.6	40.9	40.9	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	363.5	256.4	204.9	168.5	146.6	1,367.9	1,367.1
Net Reach Loss(-)/Gain(+)	+317.5	+210.4	+158.9	+122.5	+100.6	+1,321.9	+1,321.1
Unimpaired Natural Flow @ Calpella (est.)	276.7	169.9	117.4	82.0	59.7	1281.0	1279.7
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)	674	569	507	94	22	3,072	2,912
(cfs)	340	287	256	47	11	1,549	1,468
Natural Flow	299	246	215	6	0	1,508	1,427
Import	41	41	41	41	22	41	41
Storage Change (ac-ft)	+223.0	-34.0	-292.0	-1,592.0	-1,960.0	+2,764.0	+2,611.0
(cfs)	+112	-17	-147	-803	-988	+1,394	+1,316
Stored Natural Flow (cfs)	112	0	0	0	0	1,394	1,316
Stored Import Water (cfs)	0	0	0	0	0	0	0
Evaporation (ac-ft)	3.4	5.7	9.1	9.0	10.1	3.4	4.0
RVCWD Diversion (ac-ft)	0	0	0	0	0	0	0
CVD Release Gage	226	301	398	845	994	153	150
Storage (Project Water)	0	14	143	798	972	0	0
Natural Flow	186	246	215	6	0	113	110
Import Water	40	41	41	41	22	40	40
East Fork Min Instream Flow Requirement	25	25	25	25	25	25	25
Compliance Gage	Rvr mi.						
CVD Release	99.9	226	301	398	845	994	153
CVD Project Water Release to Meet Min Flow Requirement							
Total Pass-through Water	226	287	256	47	22	153	150
Project Water Release Required	No	No	No	No	Yes	No	No

III. Upper Russian River Reach

Minimum Instream Flow Requirement							
	75	75	75	75	75	75	150
Controlling Compliance Gage							
Min Gage Flow	705	672	697	1,032	1,124	1,466	2,093
Controlling Gage	Forks	Forks	Talmage	Hopland	Forks	Forks	Forks
All Compliance Gages							
	Rvr mi.						
Forks (CVD + USGS 11461000)	99.0	705	672	705	1,102	1,124	1,466
Talmage (USGS 11462080)	96.1	839	740	697	1,057	1,410	1,926
Hopland (USGS 11462500)	84.8	1,085	933	824	1,032	1,585	1,855
Cloverdale (USGS 11463000)	70.9	1,750	1,603	1,393	1,358	1,816	3,376
Geyserville (USGS 11463500)	54.4	3,242	2,750	2,333	2,112	2,614	3,960
Jimtown (USGS 11463682)	48.5	3,076	2,571	2,260	2,067	2,308	3,328
Digger Bend (USGS 11463980)	38.2	>400 cfs	>400 cfs	>400 cfs	>400 cfs	>400 cfs	>400 cfs
Healdsburg (USGS 11464000)	35.6	3,600	2,921	2,492	2,186	2,263	3,355
Net Reach Loss(-)/Gain(+)							
Forks - Talmage	+136	+57	+10	+44	+165	+1,062	+1,608
Talmage - Hopland	+238	+182	+131	+48	+92	+541	+1,356
Hopland - Cloverdale	+633	+639	+569	+451	+178	+2,329	+2,455
Cloverdale - Jimtown	+1,269	+931	+820	+725	+600	+1,496	+2,770
Jimtown - Digger Bend	n/d	n/d	n/d	n/d	n/d	n/d	n/d
Digger Bend - Healdsburg *when Digger Bend > 400 cfs, next u/s gage (Jimtown) used	+397	+290	+185	+95	+37	+804	+3,424
Upper Russian Net Reach Loss/Gain	+2,674	+2,099	+1,715	+1,362	+1,072	+6,233	+11,613
CVD Project Water Release to Meet Min Flow Requirement							
Net Reach Loss(-)/Gain(+) to Controlling Gage	+0	+0	+10	+91	+0	+0	+0
Storage (Project Water)	0	0	0	0	0	0	0
Pass-through Water (Nat. + Imp.) + Natural	0	0	10	91	0	0	0
Total Pass-through Water	226	287	266	138	22	153	150
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).

		1/26/2024	1/27/2024	1/28/2024	1/29/2024	1/30/2024	1/31/2024	2/1/2024
IV. Lake Sonoma								
Lake Sonoma								
Storage Change (ac-ft)		-1,462.0	-1,676.0	-1,778.0	-1,932.0	-868.0	+6,446.0	+5,186.0
(cfs)		-737	-845	-896	-974	-438	+3,250	+2,615
Evaporation (ac-ft)		5.5	7.2	9.0	9.0	8.9	1.8	4.9
Inflow (Natural Flow)		518	410	358	280	269	3,439	2,760
WSD Release Gage		1252	1251	1250	1250	702	188	143
Storage (Project Water)		734	841	892	970	433	0	0
Natural Flow		518	410	358	280	269	188	143
V. Lower Dry Creek Reach								
Minimum Instream Flow Requirement		75	75	75	75	75	75	75
Controlling Compliance Gage								
Min Gage Flow		1252	1251	1250	1130	702	188	143
Controlling Gage		WSD Release	WSD Release	WSD Release	Dry Crk Mouth	WSD Release	WSD Release	WSD Release
All Compliance Gages		<i>Crk mi.</i>						
WSD Release	<i>14.3</i>	1,252	1,251	1,250	1,250	702	188	143
Yoakim (USGS 11465200)	<i>11.1</i>	1,407	1,357	1,334	1,333	858	896	956
Lambert (USGS 11465240)	<i>6.8</i>	1,560	1,525	1,503	1,490	1,091	1,109	1,402
Dry Crk Mouth (USGS 11465350)	<i>0.1</i>	1,778	1,632	1,470	1,130	1,235	1,516	3,324
WSD to Russian River Confluence Reach Analysis								
Total Pass-through Water		518	410	358	280	269	188	143
Net Reach Loss(-)/Gain(+)								
WSD - Yoakim		+1,297	+1,247	+1,224	+1,223	+309	+772	+860
Yoakim - Lambert		+151	+166	+168	+157	+57	+287	+384
Lambert - Dry Crk Mouth		+209	+104	-38	-357	+15	+750	+1,639
WSD - Dry Crk Mouth		+1,657	+1,517	+1,354	+1,023	+381	+1,808	+2,883
WSD Project Water Release to Meet Min Flow Requirement								
Net Reach Loss/Gain to Controlling Gage		+0	+0	+0	+1,023	+0	+0	+0
Project Water Release Required		Yes	Yes	Yes	Yes	Yes	No	No
VI. Russian River - Dry Creek Confluence								
Upper Russian River Flow (Healdsburg Gage)								
L. Mendocino Project Water + Import Water		40	55	184	818	994	40	40
Natural Flow		2,860	2,344	1,930	1,369	1,072	6,346	11,723
Dry Creek Flow (Mouth Gage)								
L. Sonoma Project Water		734	841	892	970	433	0	0
Natural Flow		1,044	790	579	161	802	1,516	3,324
Russian River d/s of Confluence Flow		5,378	4,553	3,962	3,317	3,498	4,871	18,120
L. Mendocino Project Water + Import Water		40	55	184	818	994	40	40
L. Sonoma Project Water		734	841	892	970	433	0	0
Natural Flow		3,903	3,135	2,508	1,529	1,874	7,862	15,047
VII. Lower Russian River Reach								
Minimum Instream Flow Requirement		85	85	85	85	85	85	125
Controlling Compliance Gage								
Min Gage Flow		7,075	5,560	4,678	4,062	3,712	4,075	15,980
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>	7,075	5,560	4,678	4,062	3,712	4,075	15,980
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		7,107	5,598	4,731	4,109	3,756	4,126	16,025
Net Reach Loss(-)/Gain(+)		+1,729	+1,045	+769	+792	+258	-745	-2,095
L. Mendocino Project Water + Import Water		40	55	184	818	994	40	40
L. Sonoma Project Water		732	839	890	967	431	0	0
Natural Flow		5,633	4,180	3,277	2,321	2,132	7,117	12,952
Confluence to Hacienda (Guerneville) Reach Analysis								
Net Reach Loss(-)/Gain(+)		+1,698	+1,008	+716	+745	+214	-796	-2,140
L. Mendocino Project Water + Import Water		40	55	184	818	994	40	40
L. Sonoma Project Water		700	802	837	921	387	0	0
Natural Flow		5,633	4,180	3,277	2,321	2,132	7,066	12,907
VIII. Water Production under Sonoma Water Water Rights (ac-ft)								
Lower Russian River								
Sonoma Water Total		63.5	73.9	104.7	92.3	87.5	101.5	87.6
Wohler		26.3	25.4	54.3	42.1	37.8	38.2	37.9
Mirabel		37.2	48.5	50.4	50.2	49.7	63.2	49.7
Town of Windsor River Wellfield		4.1	3.8	3.9	4.3	4.4	5.1	5.2
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

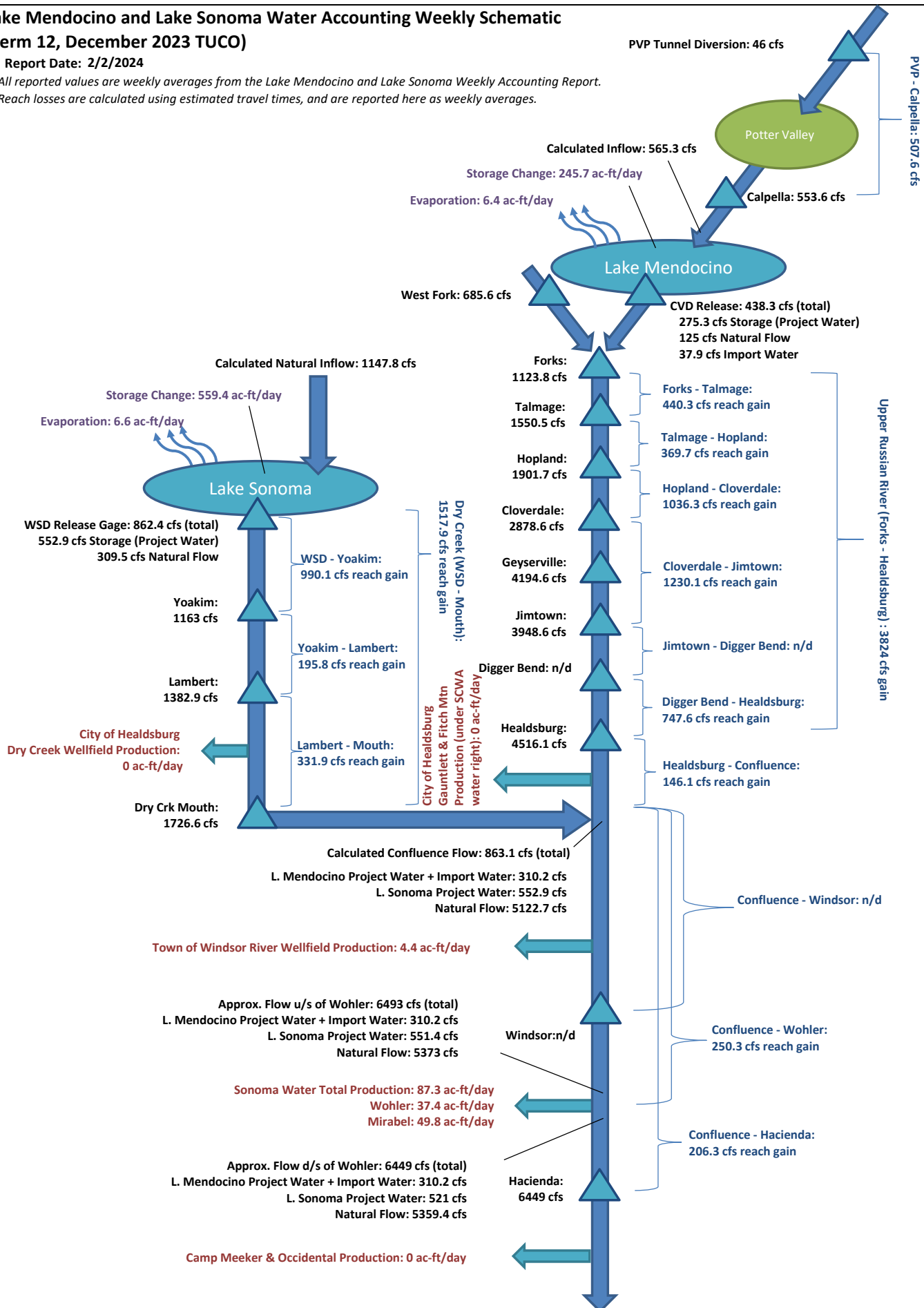
Notes:

- 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)

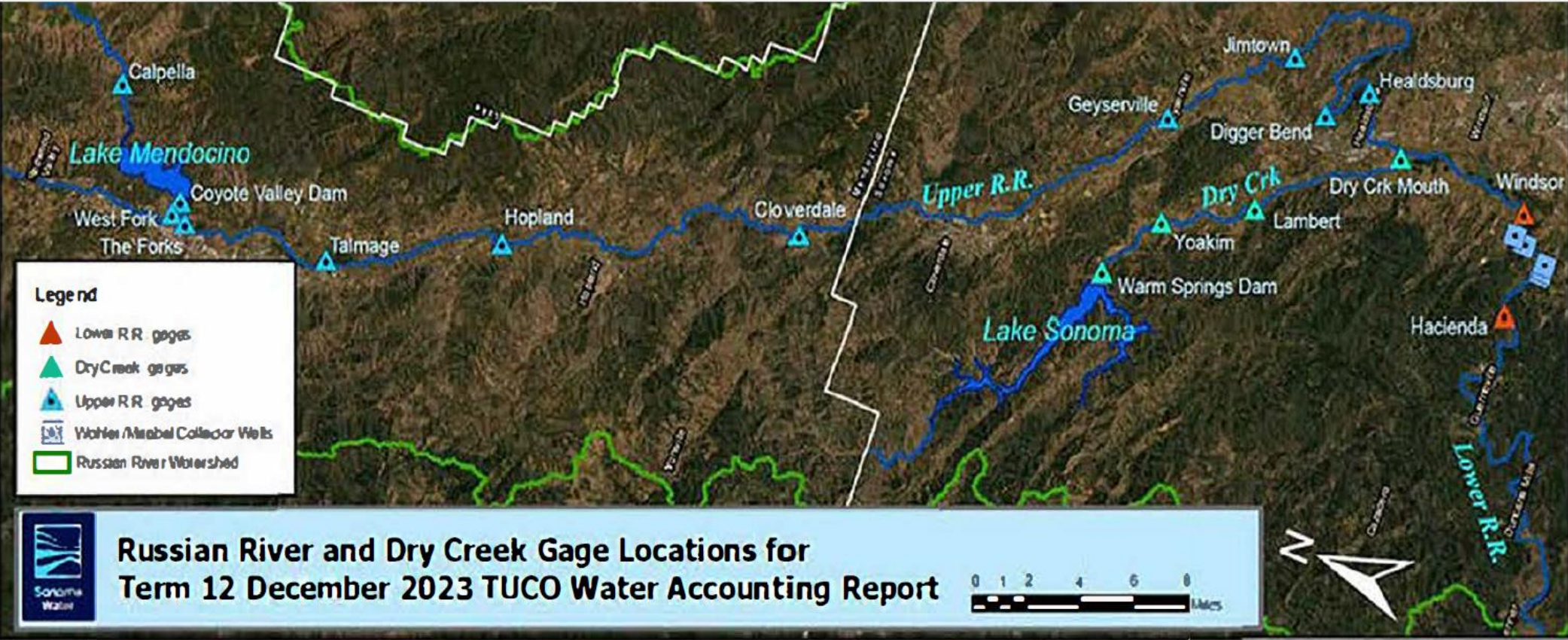
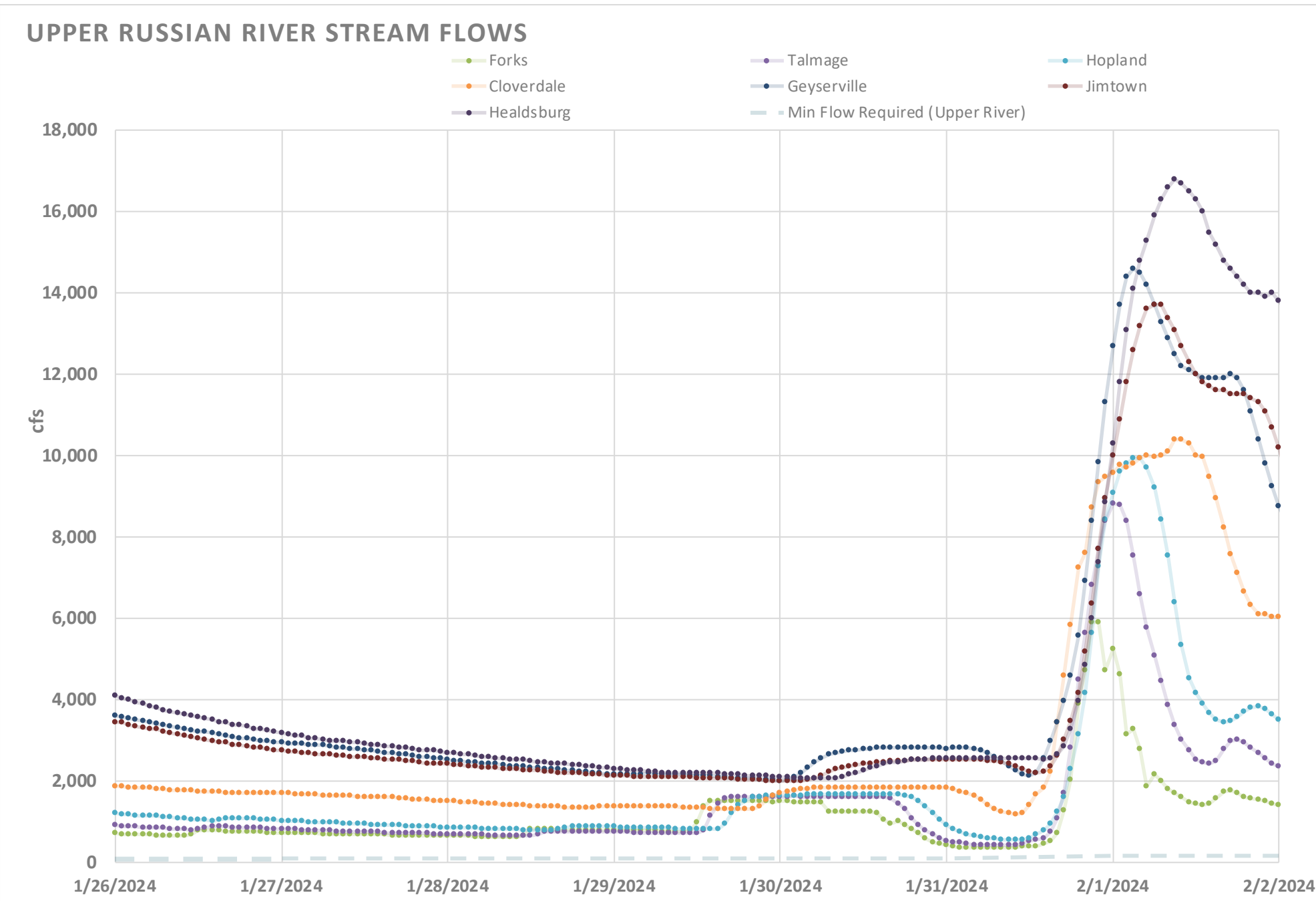
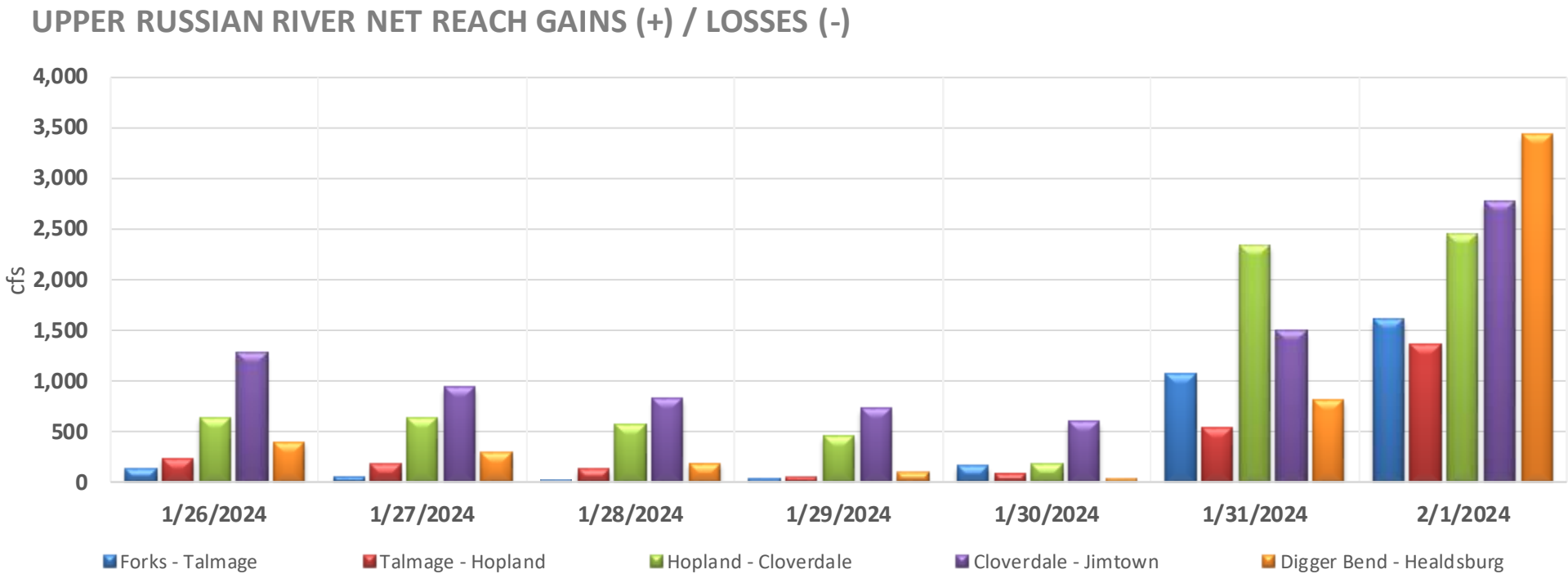
Report Date: 2/2/2024

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.



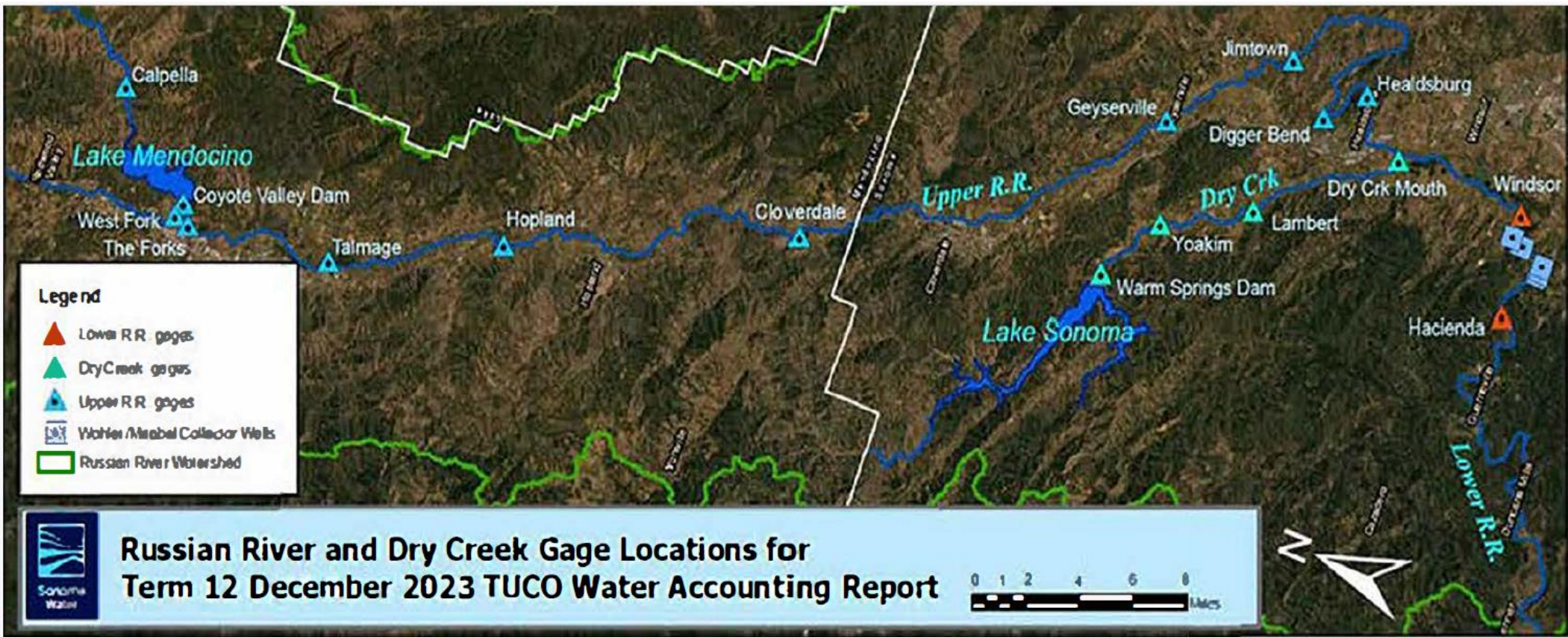
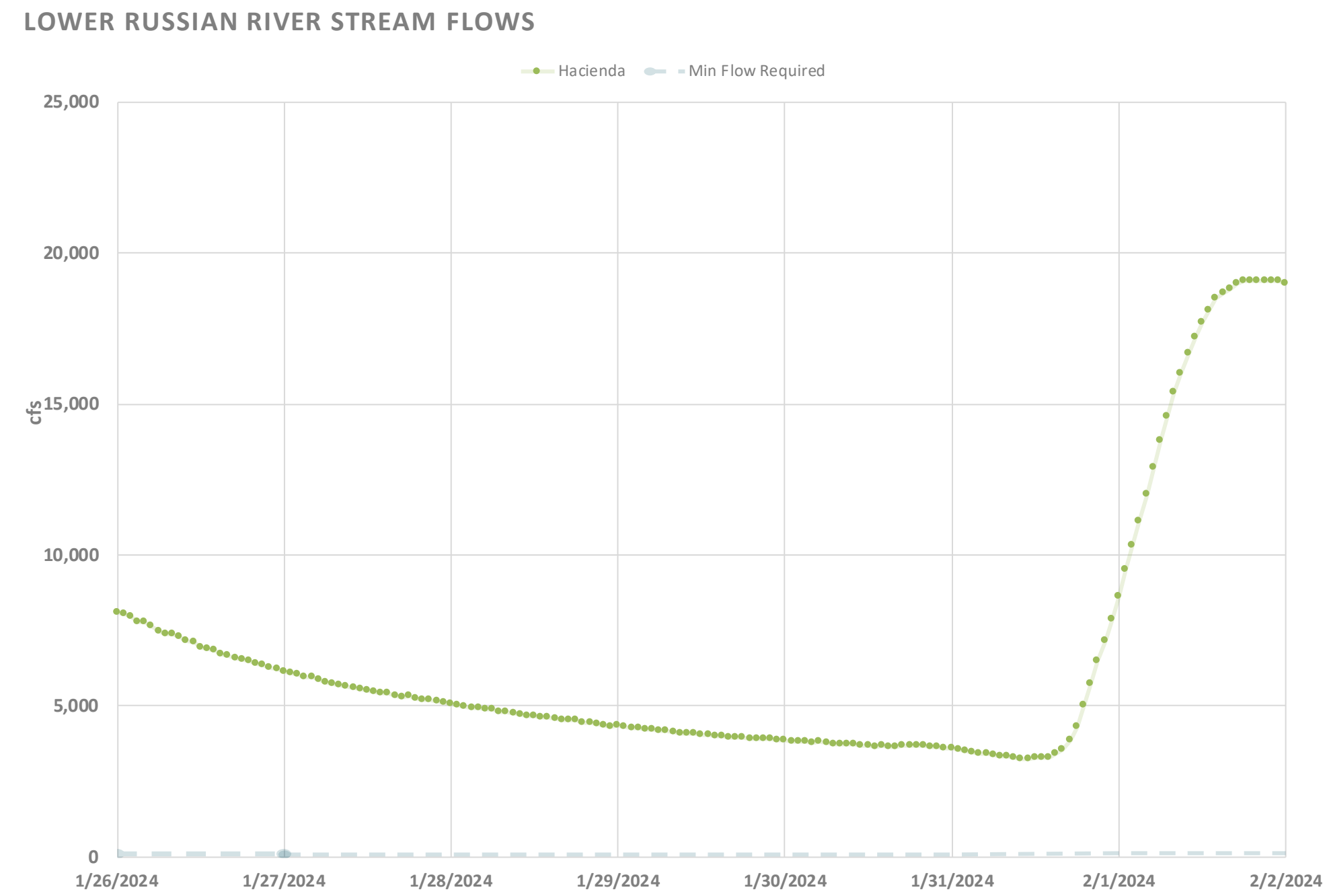
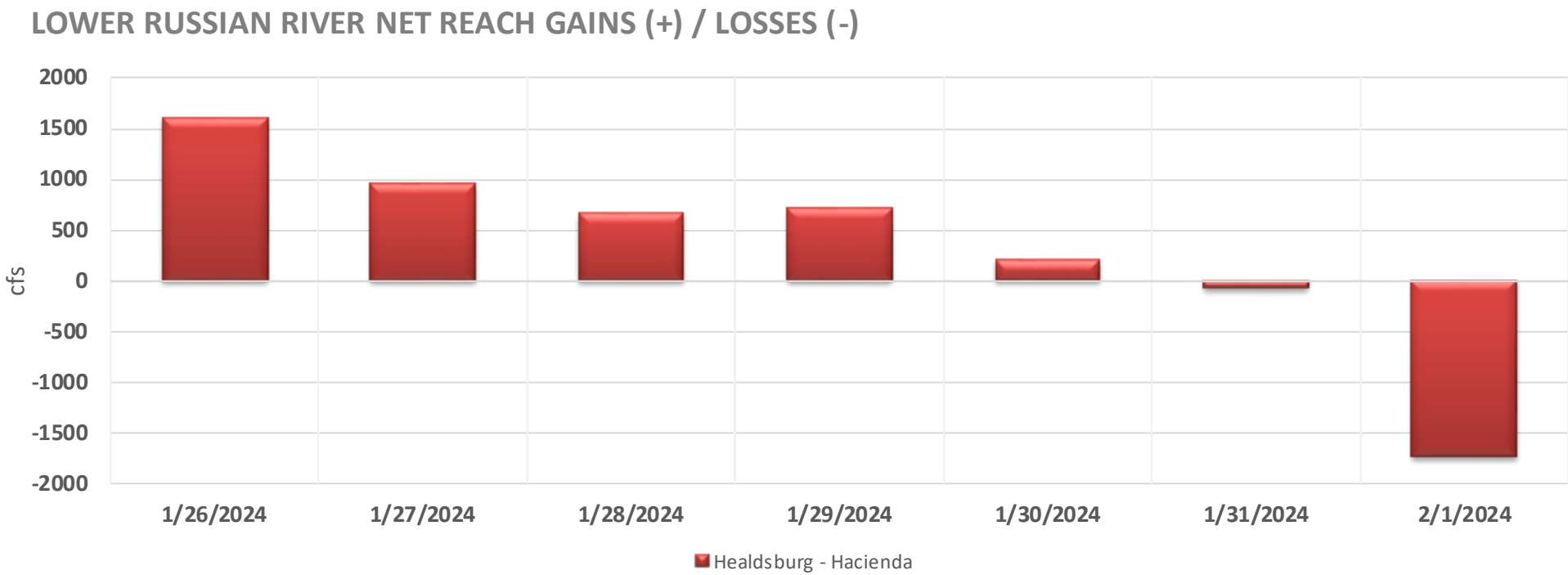
Lake Mendocino and Lake Sonoma Water Accounting Weekly Report (Term 12, Dec 2023 TUCO)

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