

Units are cfs unless noted otherwise

	1/12/2024	1/13/2024	1/14/2024	1/15/2024	1/16/2024	1/17/2024	1/18/2024
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	1.3	2.9	1.4	1.1	1.5	1.3	1.1
East Fork Release	45.0	43.0	45.0	45.0	44.0	45.0	45.0
PVID E Fork Diversions	3.7	2.1	3.6	3.9	3.5	3.8	3.9
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)	41.3	40.9	41.4	41.1	40.5	41.3	41.1
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	170.3	1,881.8	1,004.6	351.6	409.2	545.6	273.5
Net Reach Loss(-)/Gain(+)	+124.3	+1,835.8	+958.6	+305.6	+363.2	+499.6	+227.5
Unimpaired Natural Flow @ Calpella (est.)	83.0	1794.9	917.1	264.5	322.6	458.3	186.4
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)	353	3,927	1,971	690	907	914	68
(cfs)	178	1,980	994	348	457	461	34
Natural Flow	137	1,939	953	307	416	420	0
Import	41	41	41	41	41	41	41
Storage Change (ac-ft)	+280.0	+3,855.0	+1,900.0	+524.0	+660.0	+51.0	-1,690.0
(cfs)	+141	+1,944	+958	+264	+333	+26	-852
Stored Natural Flow (cfs)	137	1,939	953	264	333	26	0
Stored Import Water (cfs)	4	5	5	0	0	0	0
Evaporation (ac-ft)	3.3	2.2	4.5	5.6	2.2	3.4	5.6
RVCWD Diversion (ac-ft)	0	0	0	0	0	0	0
CVD Release Gage	35	35	34	81	123	433	884
Storage (Project Water)	0	0	0	0	0	0	843
Natural Flow	0	0	0	41	83	393	0
Import Water	35	35	34	40	40	40	41
East Fork Min Instream Flow Requirement	25	25	25	25	25	25	25
Compliance Gage	Rvr mi.						
CVD Release	99.9	35	35	34	81	123	433
CVD Project Water Release to Meet Min Flow Requirement							
Total Pass-through Water	35	35	34	81	123	433	41
Project Water Release Required	No	No	No	No	No	No	No

III. Upper Russian River Reach

Minimum Instream Flow Requirement							
Controlling Compliance Gage							
Min Gage Flow	356	1,235	2,005	701	708	1,331	1,391
Controlling Gage	Forks	Jimtown	Forks	Forks	Forks	Forks	Forks
All Compliance Gages							
Rvr mi.							
Forks (CVD + USGS 11461000)	99.0	356	2,392	2,005	701	708	1,331
Talmage (USGS 11462080)	96.1	423	2,492	3,552	915	787	1,502
Hopland (USGS 11462500)	84.8	537	1,931	4,816	1,210	873	1,693
Cloverdale (USGS 11463000)	70.9	852	1,609	6,171	2,008	1,442	1,910
Geyserville (USGS 11463500)	54.4	1,355	1,313	7,009	3,610	2,336	2,767
Jimtown (USGS 11463682)	48.5	1,402	1,235	6,421	3,811	2,278	2,462
Digger Bend (USGS 11463980)	38.2	>400 cfs	>400 cfs	>400 cfs	>400 cfs	>400 cfs	>400 cfs
Healdsburg (USGS 11464000)	35.6	1,439	1,262	6,572	5,198	2,553	2,421
Net Reach Loss(-)/Gain(+)							
Forks - Talmage	+47	+933	+788	+175	+210	+138	+135
Talmage - Hopland	+96	+21	+759	+252	+162	+175	+111
Hopland - Cloverdale	+273	+519	+741	+661	+589	+308	+231
Cloverdale - Jimtown	+404	+481	+384	+1,089	+752	+670	+680
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	-87	+142	+1,328	+411	+141	+101	+54
Upper Russian Net Reach Loss/Gain	+733	+2,097	+4,000	+2,587	+1,854	+1,391	+1,210
CVD Project Water Release to Meet Min Flow Requirement							
Net Reach Loss(-)/Gain(+) to Controlling Gage	+0	+1,954	+0	+0	+0	+0	+0
Storage (Project Water)	0	0	0	0	0	0	0
Pass-through Water (Nat. + Imp.) + Natural	0	1,954	0	0	0	0	0
Total Pass-through Water	35	1989	34	81	123	433	41
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).

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IV. Lake Sonoma								
Lake Sonoma								
Storage Change (ac-ft)		+104.0	+1,902.0	+1,808.0	+868.0	+923.0	+766.0	+529.0
(cfs)		+52	+959	+912	+438	+465	+386	+267
Evaporation (ac-ft)		5.1	3.4	5.2	3.5	3.5	5.2	7.0
Inflow (Natural Flow)		135	1,042	994	519	548	471	351
WSD Release Gage		80	81	80	80	81	82	81
Storage (Project Water)		0	0	0	0	0	0	0
Natural Flow		80	81	80	80	81	82	81
V. Lower Dry Creek Reach								
Minimum Instream Flow Requirement		75	75	75	75	75	75	75
Controlling Compliance Gage								
Min Gage Flow		80	81	80	80	81	82	81
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>	80	81	80	80	81	82	81
Yoakim (USGS 11465200)	<i>11.1</i>	109	154	276	203	184	195	171
Lambert (USGS 11465240)	<i>6.8</i>	128	150	264	203	185	198	179
Dry Crk Mouth (USGS 11465350)	<i>0.1</i>	257	312	815	762	454	455	435
WSD to Russian River Confluence Reach Analysis								
Total Pass-through Water		80	81	80	80	81	82	81
Net Reach Loss(-)/Gain(+)								
WSD - Yoakim		-1	+44	+166	+93	+74	+85	+61
Yoakim - Lambert		+19	+17	-24	-3	+4	-0	+7
Lambert - Dry Crk Mouth		+128	+175	+550	+554	+270	+255	+255
WSD - Dry Crk Mouth		+146	+236	+692	+644	+348	+340	+322
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		No	No	No	No	No	No	No
VI. Russian River - Dry Creek Confluence								
Upper Russian River Flow (Healdsburg Gage)								
L. Mendocino Project Water + Import Water		35	35	34	40	40	40	884
Natural Flow		733	2,097	4,000	2,628	1,937	1,785	1,210
Dry Creek Flow (Mouth Gage)								
L. Sonoma Project Water		0	0	0	0	0	0	0
Natural Flow		257	312	815	762	454	455	435
Russian River d/s of Confluence Flow		1,697	1,574	7,386	5,959	3,007	2,876	3,058
L. Mendocino Project Water + Import Water		35	35	34	40	40	40	884
L. Sonoma Project Water		0	0	0	0	0	0	0
Natural Flow		991	2,409	4,815	3,390	2,390	2,240	1,646
VII. Lower Russian River Reach								
Minimum Instream Flow Requirement		85	85	85	85	85	85	85
Controlling Compliance Gage								
Min Gage Flow		1,312	1,245	4,200	7,069	3,714	2,950	2,996
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>	1,312	1,245	4,200	7,069	3,714	2,950	2,996
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		1,355	1,288	4,243	7,123	3,750	2,992	3,044
Net Reach Loss(-)/Gain(+)		-342	-286	-3,143	+1,164	+743	+116	-14
L. Mendocino Project Water + Import Water		35	35	34	40	40	40	884
L. Sonoma Project Water		0	0	0	0	0	0	0
Natural Flow		649	2,123	1,672	4,554	3,134	2,356	1,632
Confluence to Hacienda (Guerneville) Reach Analysis								
Net Reach Loss(-)/Gain(+)		-385	-329	-3,187	+1,110	+707	+74	-63
L. Mendocino Project Water + Import Water		35	35	34	40	40	40	884
L. Sonoma Project Water		0	0	0	0	0	0	0
Natural Flow		606	2,079	1,628	4,500	3,097	2,314	1,583
VIII. Water Production under Sonoma Water Water Rights (ac-ft)								
Lower Russian River								
Sonoma Water Total		85.7	86.7	87.0	108.3	71.9	83.1	95.8
Wohler		50.8	37.3	37.5	60.2	42.3	37.3	42.4
Mirabel		34.9	49.4	49.4	48.2	29.6	45.8	53.4
Town of Windsor River Wellfield		4.0	4.0	4.0	4.1	4.6	4.1	4.2
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

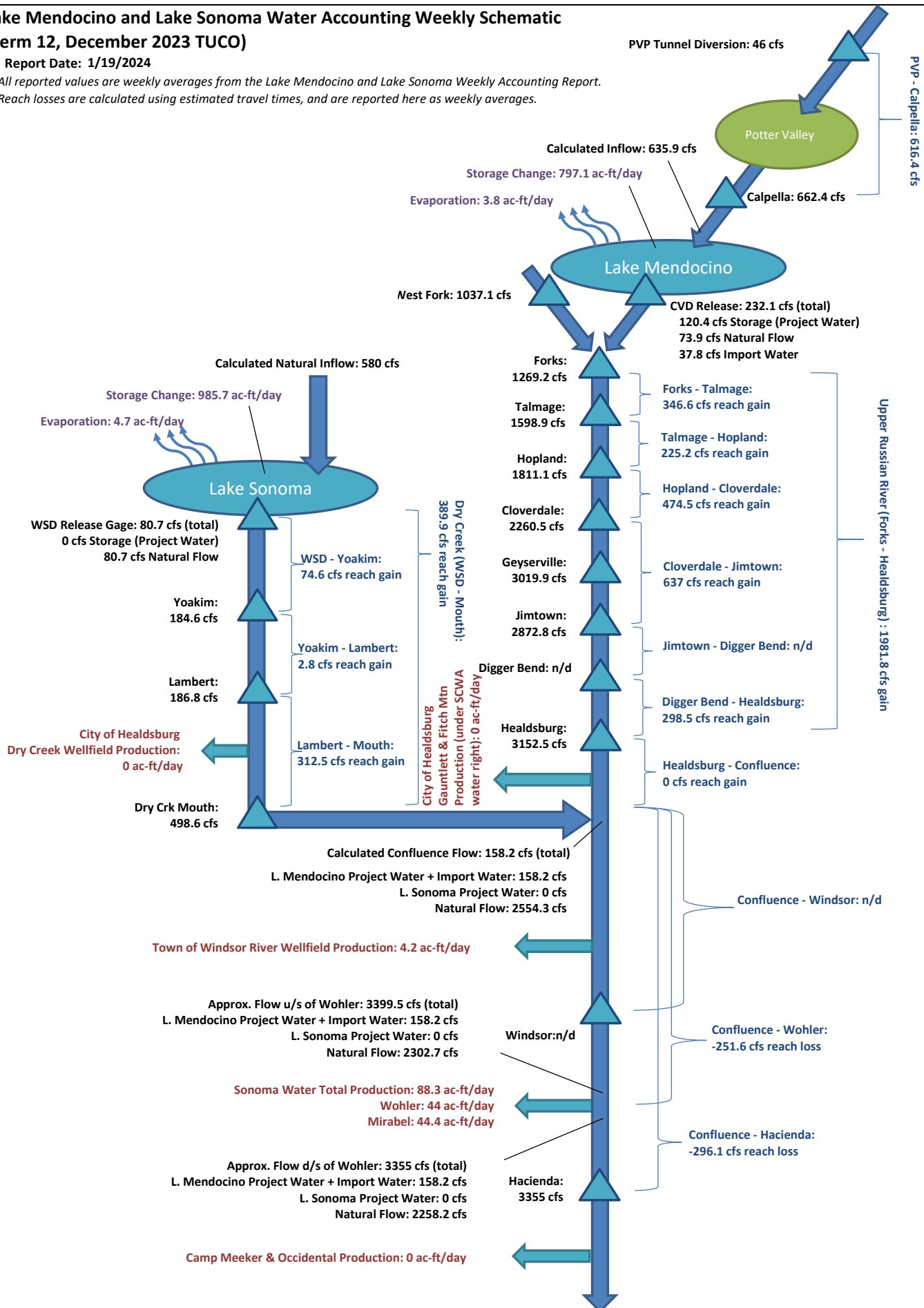
Notes:

- 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)

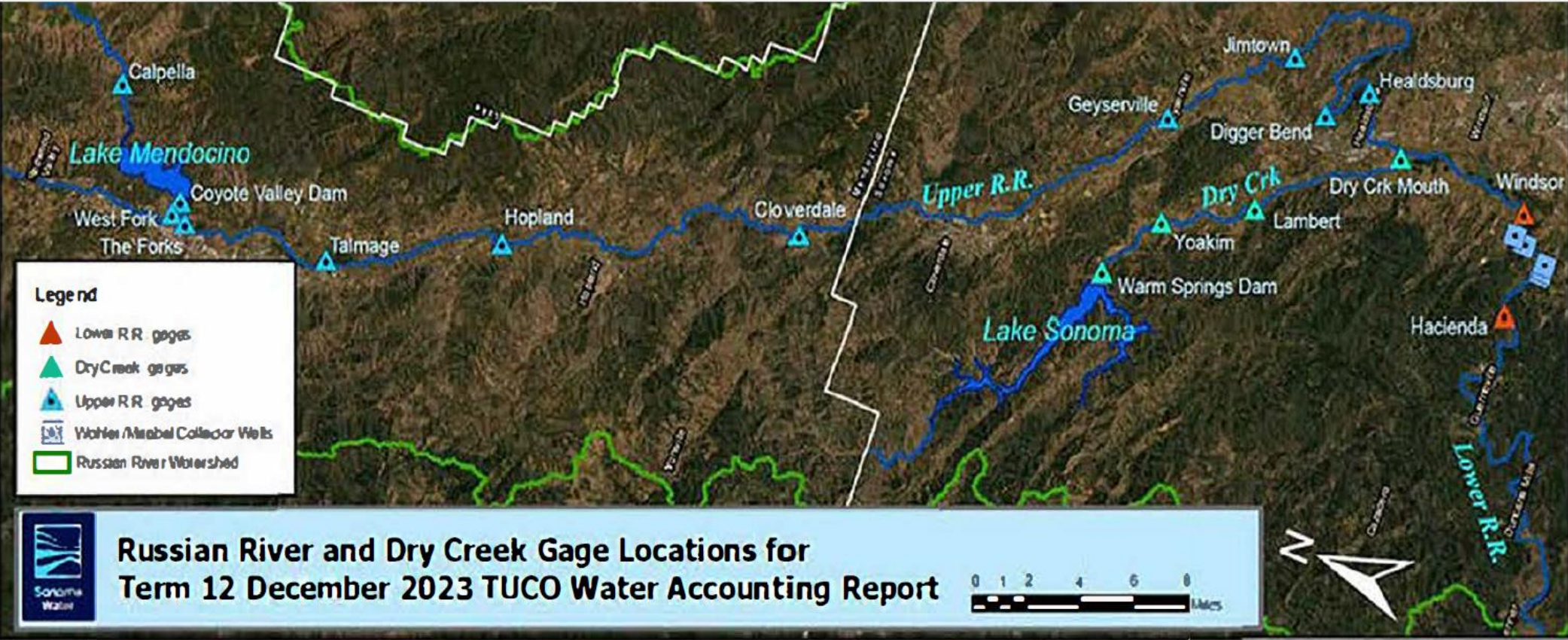
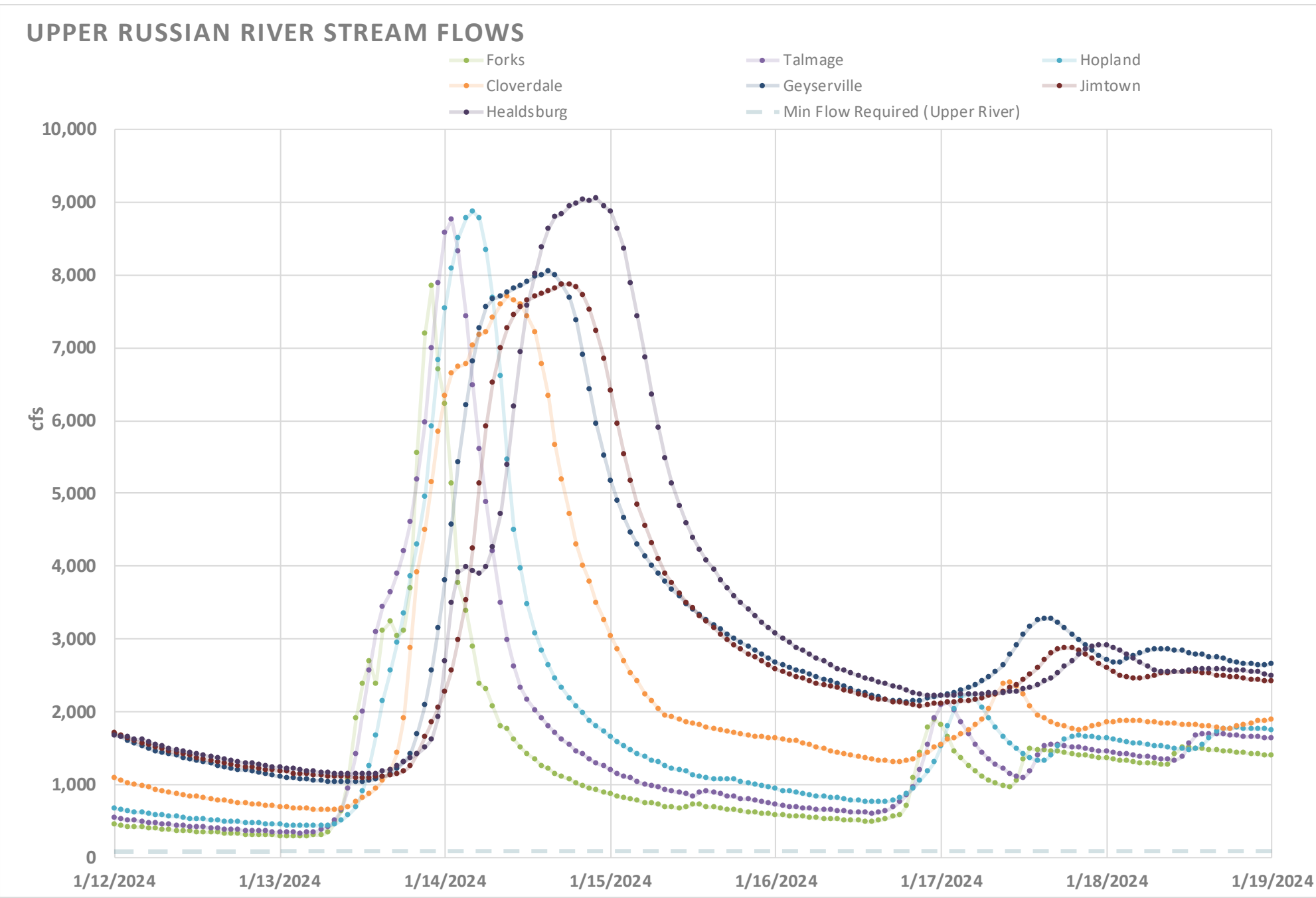
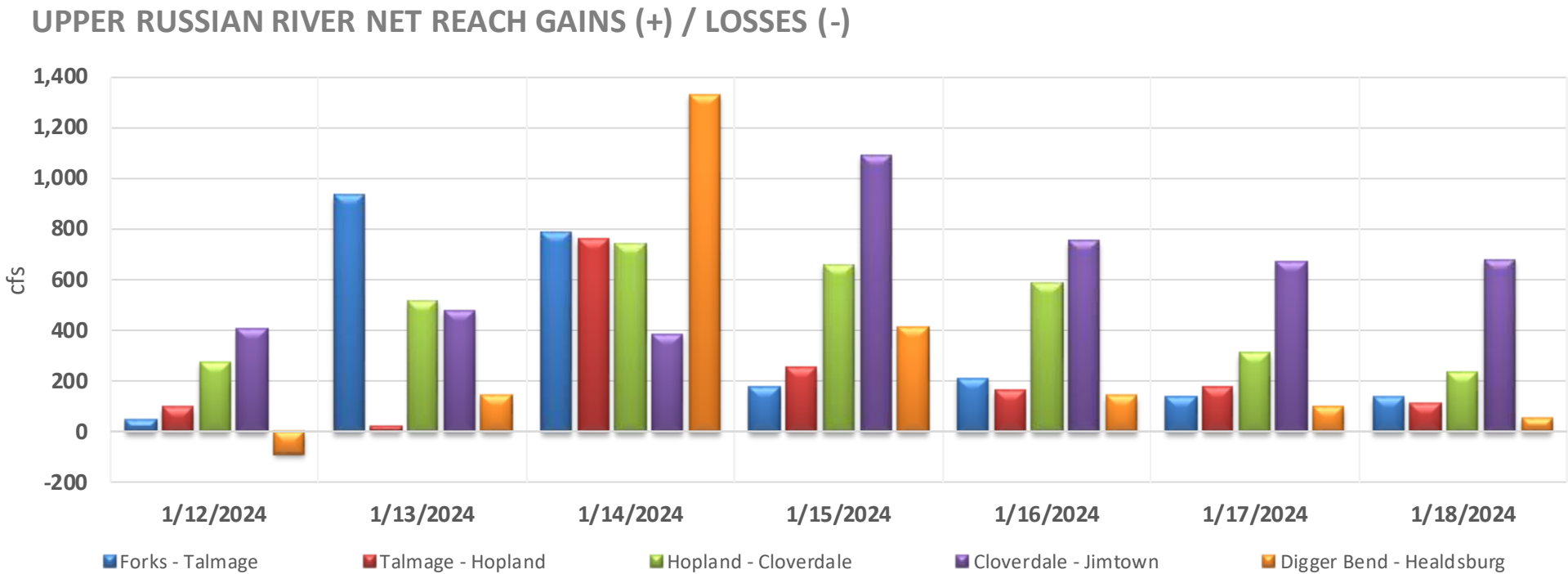
Report Date: 1/19/2024

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.



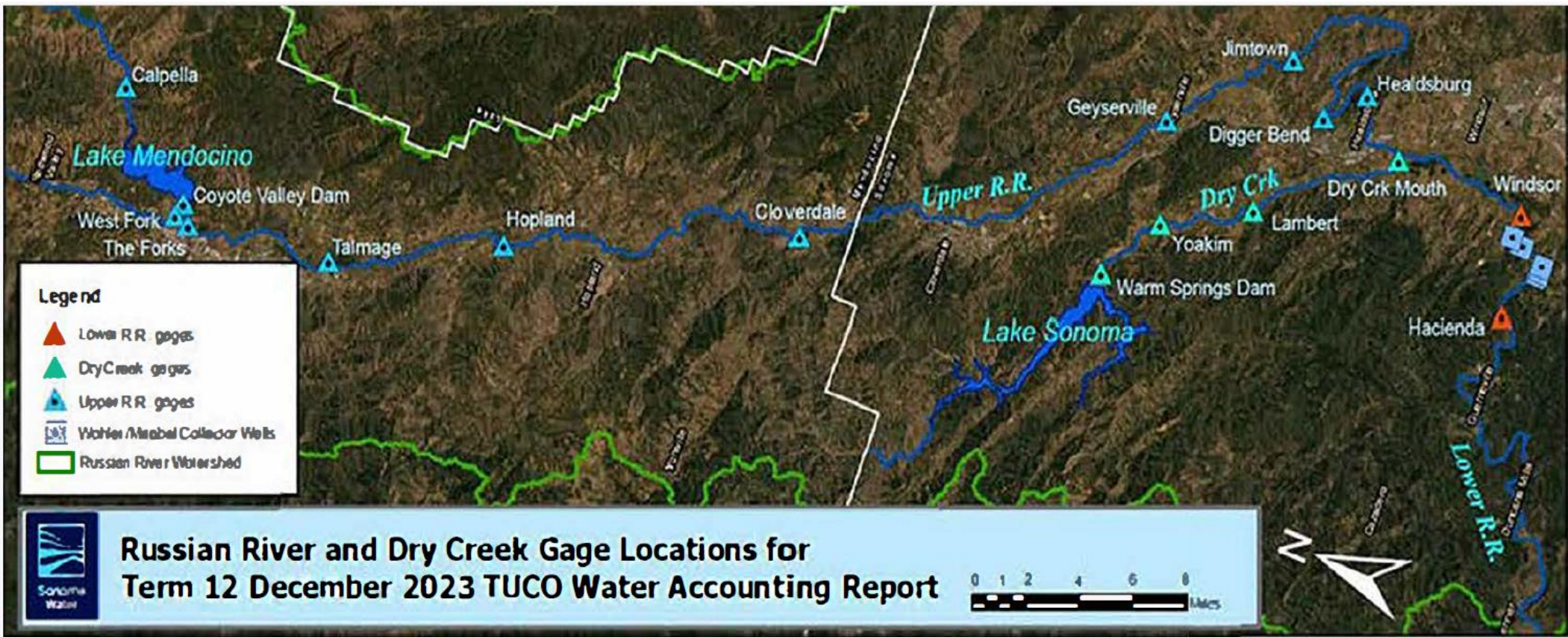
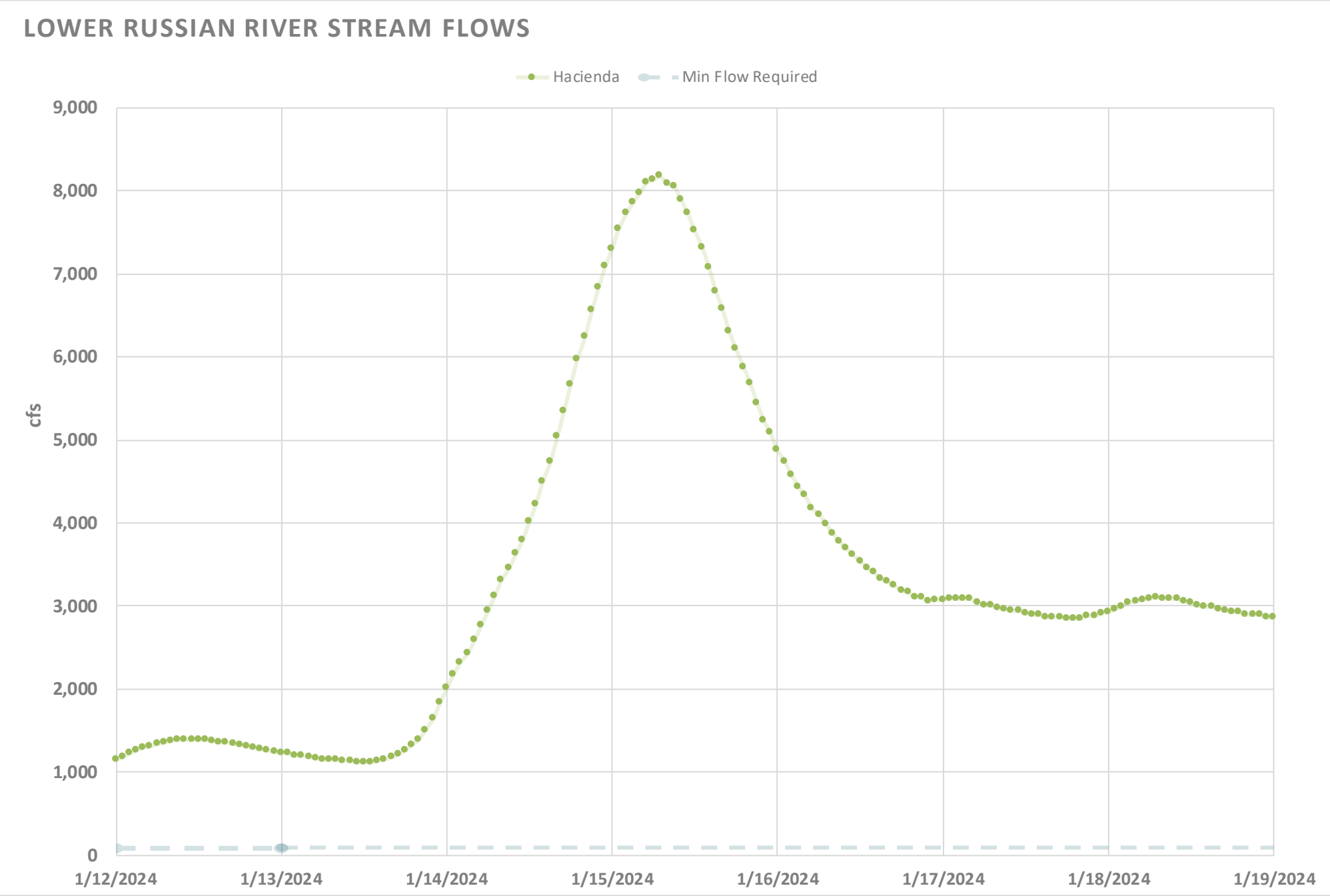
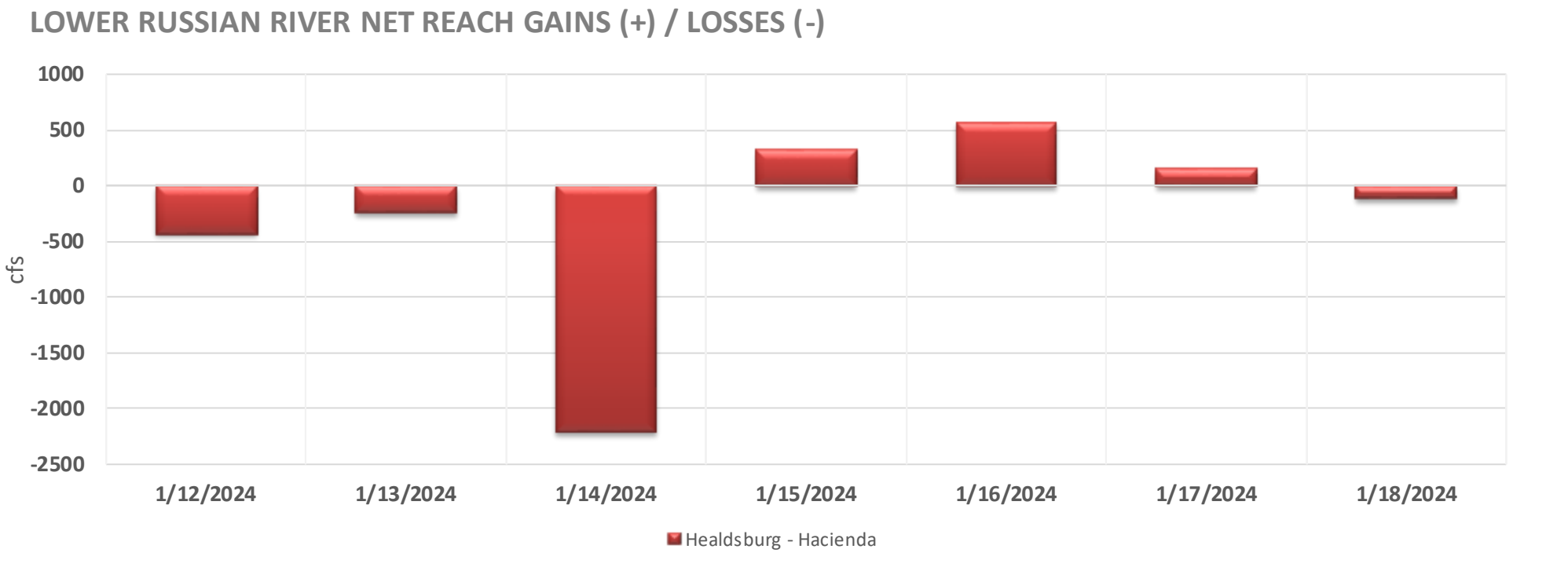
Lake Mendocino and Lake Sonoma Water Accounting Weekly Report (Term 12, Dec 2023 TUCO)

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