

Units are cfs unless noted otherwise

	3/29/2024	3/30/2024	3/31/2024	4/1/2024	4/2/2024	4/3/2024	4/4/2024
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	0.5	0.5	0.5	0.5	0.5	0.5	0.5
East Fork Release	46.0	46.0	46.0	46.0	46.0	46.0	46.0
PVID E Fork Diversions	4.5	4.6	4.5	4.5	4.5	4.6	4.5
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)	41.5	41.5	41.5	41.5	41.5	41.5	41.5
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	377.3	406.1	261.7	203.4	168.4	149.1	172.4
Net Reach Loss(-)/Gain(+)	+331.3	+360.1	+215.7	+157.4	+122.4	+103.1	+126.4
Unimpaired Natural Flow @ Calpella (est.)	289.8	318.7	174.2	115.9	80.9	61.7	85.0
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)	889	888	677	538	469	460	545
(cfs)	448	448	341	271	236	232	275
Natural Flow	407	407	300	230	195	191	234
Import	41	41	41	41	41	41	41
Storage Change (ac-ft)	+585.0	+656.0	+514.0	+373.0	+302.0	+302.0	+391.0
(cfs)	+295	+331	+259	+188	+152	+152	+197
Stored Natural Flow (cfs)	295	331	259	188	152	152	197
Stored Import Water (cfs)	0	0	0	0	0	0	0
Evaporation (ac-ft)	5.0	12.9	15.9	18.9	19.9	14.0	7.0
RVCWD Diversion (ac-ft)	0	0	0	0	0	0	0
CVD Release Gage	151	111	74	74	74	73	74
Storage (Project Water)	0	0	0	0	0	0	0
Natural Flow	111	73	37	38	38	35	35
Import Water	40	38	37	36	36	37	39
East Fork Min Instream Flow Requirement	25	25	25	25	25	25	25
Compliance Gage	Rvr mi.						
CVD Release	99.9	151	111	74	74	73	74
CVD Project Water Release to Meet Min Flow Requirement							
Total Pass-through Water	151	111	74	74	74	73	74
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	548	516	384	326	286	259	264
Controlling Gage	Forks	Forks	Forks	Forks	Forks	Forks	Forks

All Compliance Gages

Forks	(CVD + USGS 11461000)	99.0	548	516	384	326	286	259	264
Talmage	(USGS 11462080)	96.1	911	1,074	747	590	488	422	426
Hopland	(USGS 11462500)	84.8	1,188	1,536	1,098	863	718	628	615
Cloverdale	(USGS 11463000)	70.9	1,858	2,414	1,793	1,417	1,176	1,017	974
Geyserville	(USGS 11463500)	54.4	2,843	3,690	2,973	2,398	1,986	1,690	1,595
Jimtown	(USGS 11463682)	48.5	2,438	3,409	2,708	2,170	1,864	1,655	1,568
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	2,697	3,728	3,085	2,383	1,962	1,696	1,575

Net Reach Loss(-)/Gain(+)

Forks - Talmage	+368	+535	+354	+258	+197	+161	+168
Talmage - Hopland	+303	+431	+324	+257	+220	+201	+197
Hopland - Cloverdale	+712	+854	+623	+513	+433	+374	+369
Cloverdale - Jimtown	+716	+979	+739	+661	+629	+598	+605
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>	+348	+437	+160	+114	+33	-4	+8
Upper Russian Net Reach Loss/Gain	+2,446	+3,235	+2,199	+1,802	+1,513	+1,329	+1,346

CVD Project Water Release to Meet Min Flow Requirement

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	151	111	74	74	74	73	74
Project Water Release Required	No	No	No	No	No	No	No

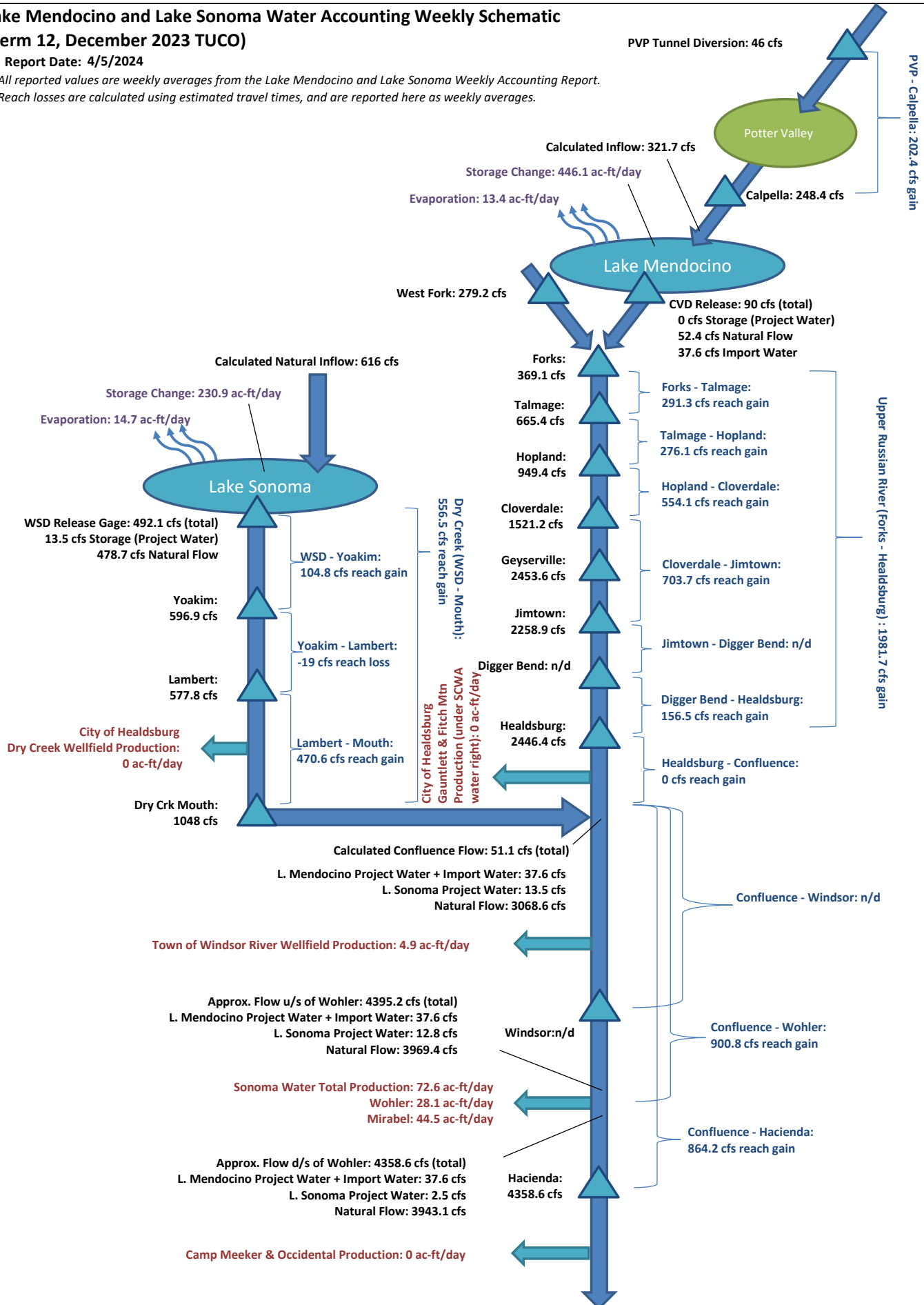
Notes:
- Water Accounting for the Upper Russian River is an analysis that approximates the current conditions based on methodology in Term 11 (2/11/21 Order) report and modified by Term 12 (6/14/21 Order) report. Values listed include estimated values where measurements are not currently available (red italics).

		3/29/2024	3/30/2024	3/31/2024	4/1/2024	4/2/2024	4/3/2024	4/4/2024
IV. Lake Sonoma								
Lake Sonoma								
Storage Change (ac-ft)		+723.0	+725.0	+279.0	+28.0	-84.0	-139.0	+84.0
(cfs)		+365	+366	+141	+14	-42	-70	+42
Evaporation (ac-ft)		4.7	15.6	17.2	21.9	18.8	17.2	7.8
Inflow (Natural Flow)		858	863	641	518	460	432	539
WSD Release Gage		491	490	492	493	493	493	493
Storage (Project Water)		0	0	0	0	33	61	0
Natural Flow		491	490	492	493	460	432	493
V. Lower Dry Creek Reach								
Minimum Instream Flow Requirement		75	75	75	75	75	75	75
Controlling Compliance Gage								
Min Gage Flow		491	490	492	493	493	493	493
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>	491	490	492	493	493	493	493
Yoakim (USGS 11465200)	<i>11.1</i>	590	648	620	597	578	570	575
Lambert (USGS 11465240)	<i>6.8</i>	574	662	610	576	549	534	540
Dry Crk Mouth (USGS 11465350)	<i>0.1</i>	1,136	1,367	1,209	1,041	907	834	842
WSD to Russian River Confluence Reach Analysis								
Total Pass-through Water		491	490	492	493	460	432	493
Net Reach Loss(-)/Gain(+)								
WSD - Yoakim		+99	+157	+128	+105	+85	+77	+82
Yoakim - Lambert		-12	+13	-11	-22	-29	-36	-35
Lambert - Dry Crk Mouth		+583	+698	+595	+461	+355	+299	+302
WSD - Dry Crk Mouth		+671	+868	+712	+543	+411	+340	+350
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	Yes	Yes	No
VI. Russian River - Dry Creek Confluence								
Upper Russian River Flow (Healdsburg Gage)								
L. Mendocino Project Water + Import Water		40	38	37	36	36	37	39
Natural Flow		2,558	3,308	2,236	1,840	1,551	1,365	1,381
Dry Creek Flow (Mouth Gage)								
L. Sonoma Project Water		0	0	0	0	33	61	0
Natural Flow		1,136	1,367	1,209	1,041	874	772	842
Russian River d/s of Confluence Flow		3,832	5,095	4,294	3,424	2,869	2,530	2,417
L. Mendocino Project Water + Import Water		40	38	37	36	36	37	39
L. Sonoma Project Water		0	0	0	0	33	61	0
Natural Flow		3,693	4,675	3,445	2,881	2,425	2,137	2,223
VII. Lower Russian River Reach								
Minimum Instream Flow Requirement		125	125	125	125	125	125	125
Controlling Compliance Gage								
Min Gage Flow		4,239	6,078	5,737	4,587	3,746	3,209	2,915
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>	4,239	6,078	5,737	4,587	3,746	3,209	2,915
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		4,273	6,117	5,765	4,631	3,774	3,254	2,953
Net Reach Loss(-)/Gain(+)		+441	+1,023	+1,471	+1,207	+904	+724	+536
L. Mendocino Project Water + Import Water		40	38	37	36	36	37	39
L. Sonoma Project Water		0	0	0	0	31	59	0
Natural Flow		4,134	5,698	4,916	4,088	3,330	2,861	2,759
Confluence to Hacienda (Guerneville) Reach Analysis								
Net Reach Loss(-)/Gain(+)		+406	+983	+1,443	+1,163	+877	+679	+498
L. Mendocino Project Water + Import Water		40	38	37	36	36	37	39
L. Sonoma Project Water		0	0	0	0	3	14	0
Natural Flow		4,100	5,658	4,888	4,044	3,330	2,861	2,721
VIII. Water Production under Sonoma Water Water Rights (ac-ft)								
Lower Russian River								
Sonoma Water Total		67.7	79.1	55.3	88.4	54.5	88.9	74.5
Wohler		26.6	30.8	7.8	36.3	31.3	38.9	25.1
Mirabel		41.1	48.4	47.5	52.1	23.3	49.9	49.4
Town of Windsor River Wellfield		5.2	5.3	5.1	5.2	4.5	4.5	4.5
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:

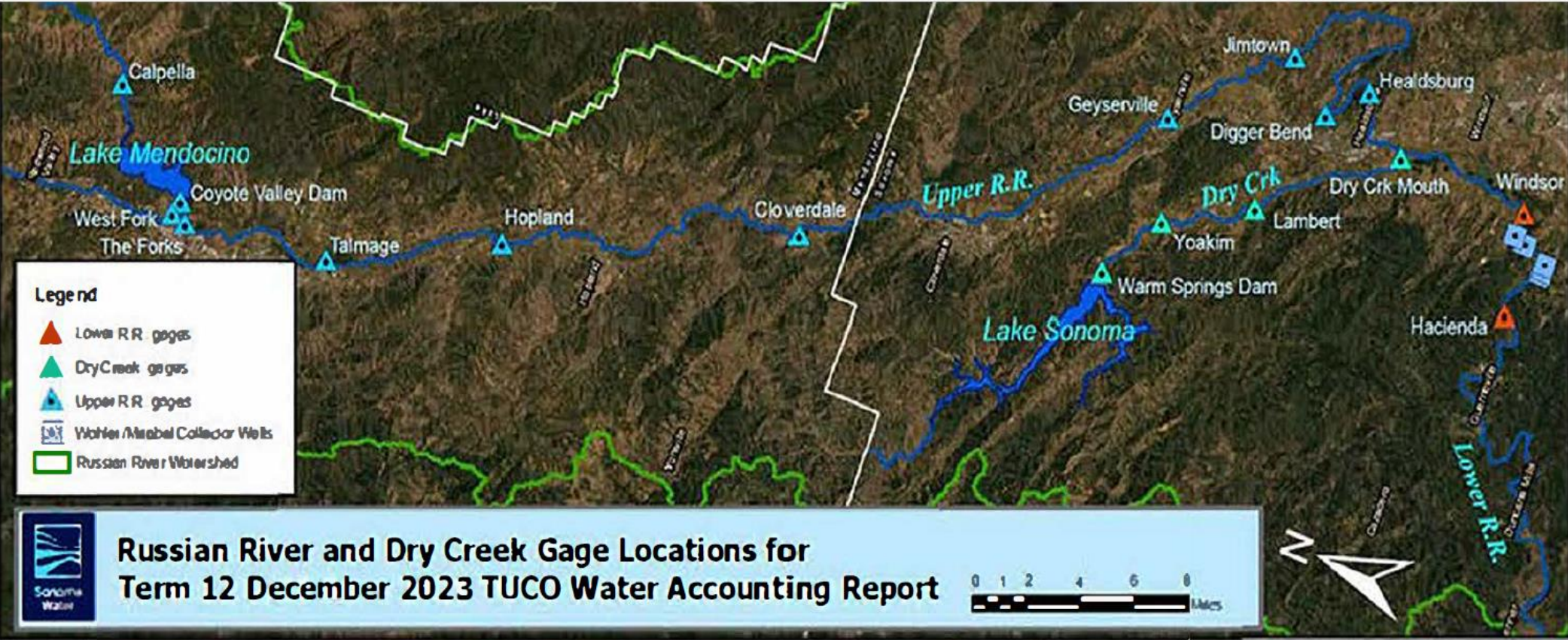
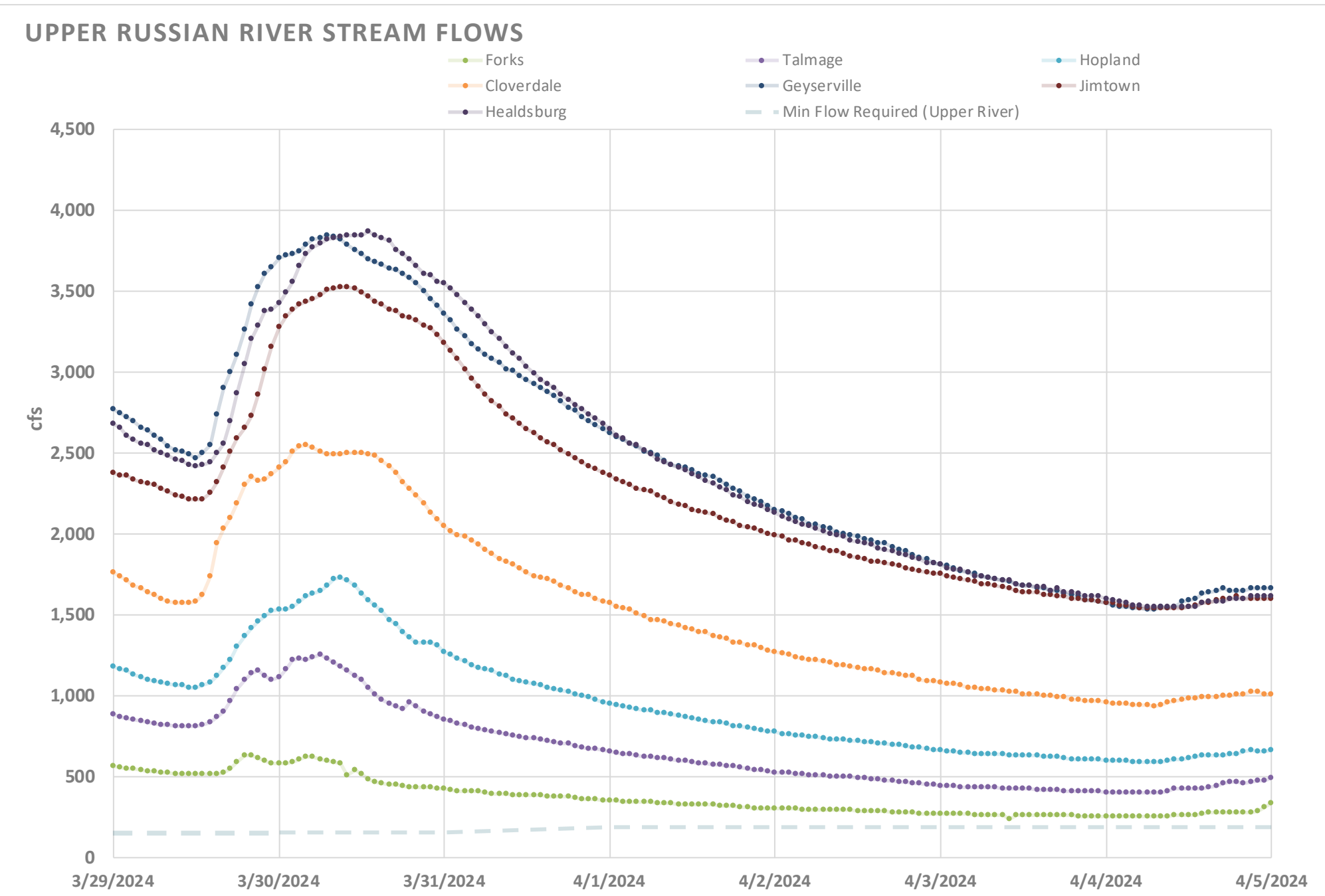
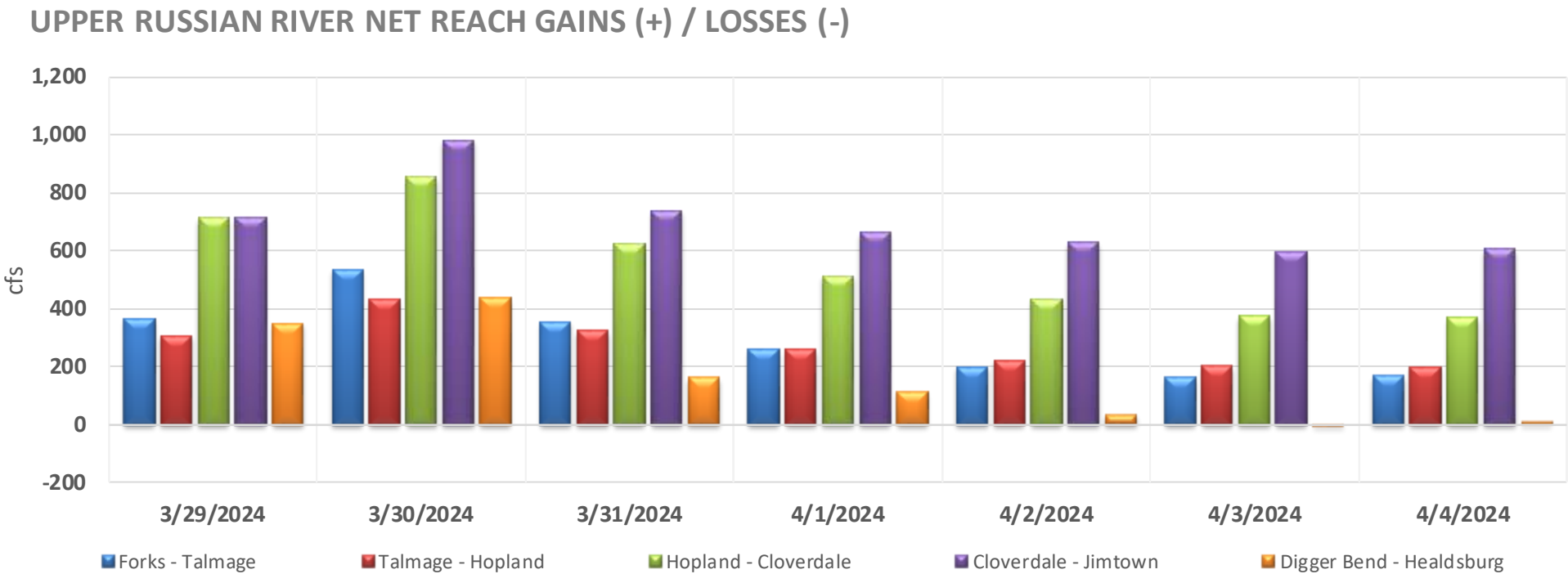
- Water Accounting for the Lower Russian River and Dry Creek is an analysis that approximates the current conditions based on the methodology in Term 12 (6/14/21 Order) report. Values listed include estimated values where measurements are not currently available (red italics).

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.



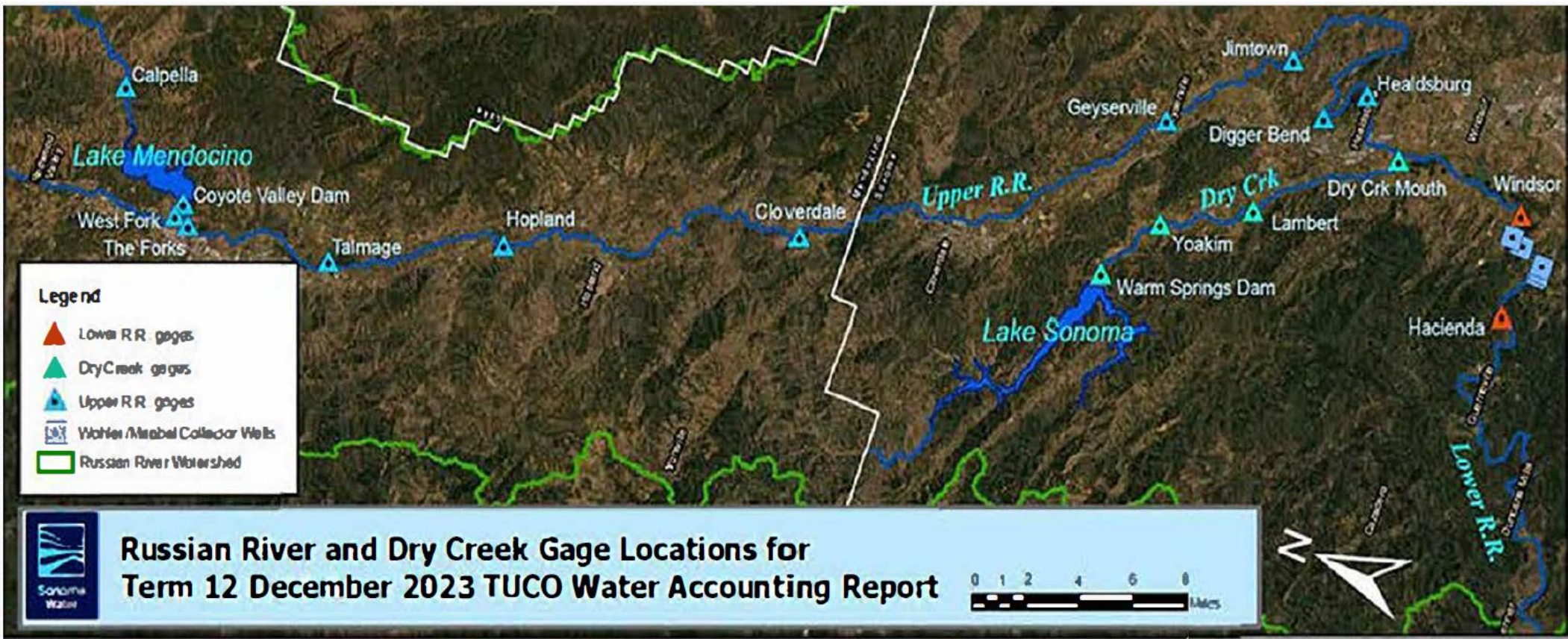
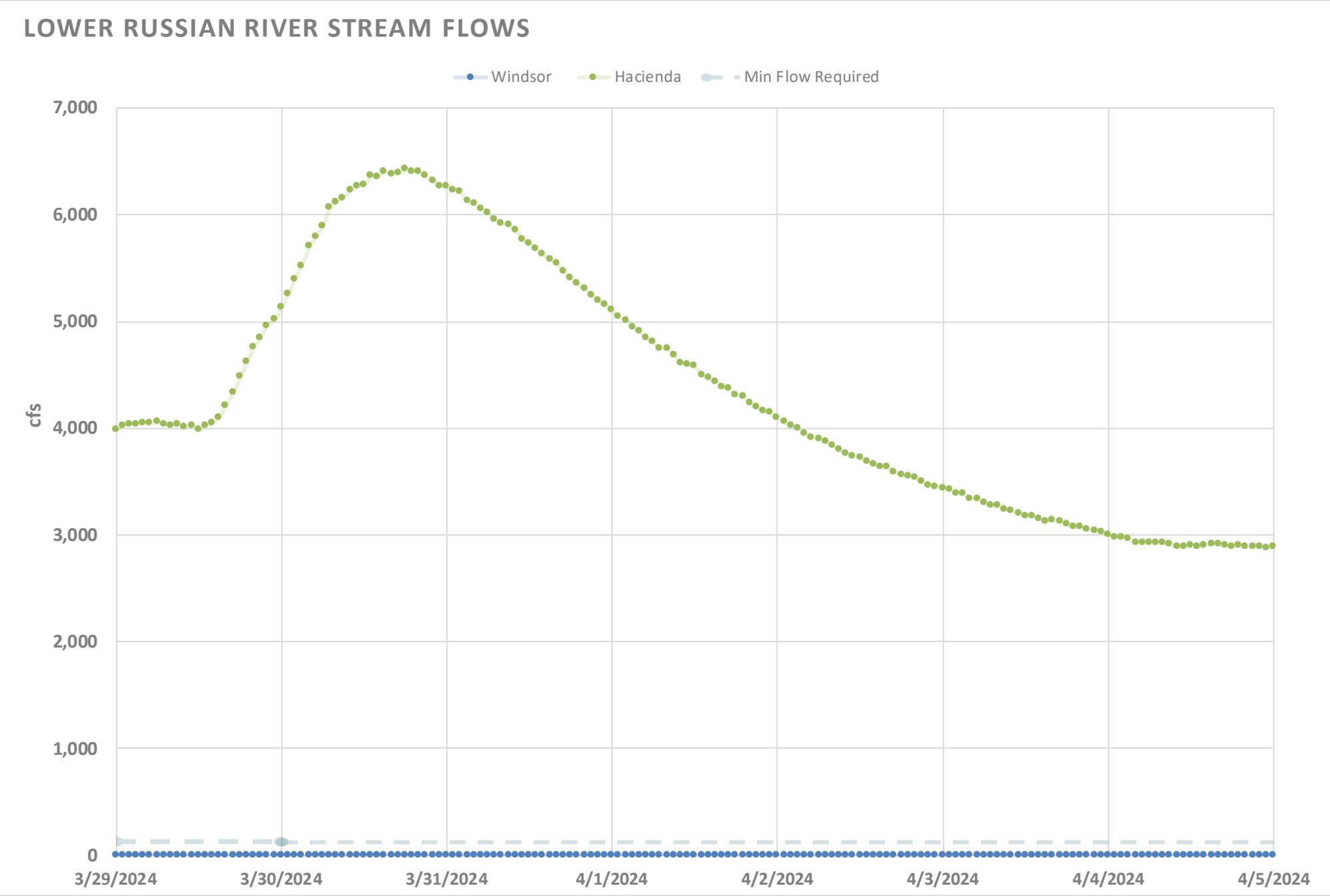
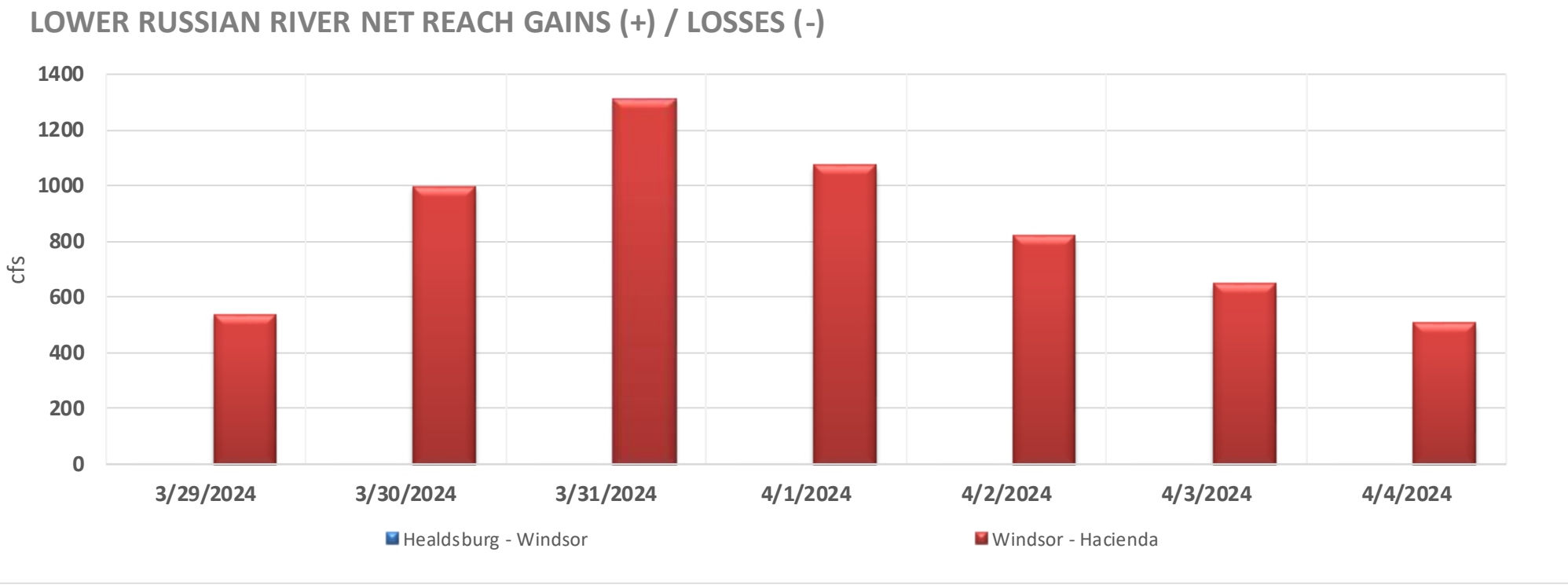
Lake Mendocino and Lake Sonoma Water Accounting Weekly Report (Term 12, Dec 2023 TUCO)

Report Date: 4/5/2024



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