

	4/12/2024	4/13/2024	4/14/2024	4/15/2024	4/16/2024	4/17/2024	4/18/2024
I. Upper East Fork Reach							
Potter Valley Project							
Tunnel Diversion	46.0	46.0	46.0	75.0	90.0	90.0	90.0
PVID Requested Delivery	5.0	5.0	5.0	5.0	5.0	5.0	5.0
PVID Canals Actual Delivery	5.5	5.6	5.4	2.2	0.4	0.4	0.4
East Fork Release	40.0	40.0	41.0	73.0	90.0	90.0	90.0
PVID E Fork Diversions	0.0	0.0	0.0	2.8	4.6	4.6	4.6
PVID Water Use - PG&E Contract	5.5	5.6	5.4	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)	40.0	40.0	41.0	70.2	85.4	85.4	85.4
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	86.6	149.2	146.3	140.3	145.4	134.8	128.3
Net Reach Loss(-)/Gain(+)	+40.6	+103.2	+100.3	+65.3	+55.4	+44.8	+38.3
Unimpaired Natural Flow @ Calpella (est.)	39.7	38.2	48.1	48.4	40.0	37.5	33.8
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)	303	453	478	400	455	394	383
(cfs)	153	228	241	202	229	199	193
Natural Flow	112	187	200	132	144	114	108
Import	41	41	41	70	85	85	85
Storage Change (ac-ft)	+35.0	+196.0	+214.0	+125.0	+179.0	+107.0	+107.0
(cfs)	+18	+99	+108	+63	+90	+54	+54
Stored Natural Flow (cfs)	18	99	108	63	90	54	54
Stored Import Water (cfs)	0	0	0	0	0	0	0
Evaporation (ac-ft)	12.0	6.0	8.0	19.0	20.0	31.0	20.0
RVCWD Diversion (ac-ft)	0	0	0	0	0	0	0
CVD Release Gage	129	127	129	129	129	129	129
Storage (Project Water)	0	0	0	0	0	0	0
Natural Flow	91	87	90	64	49	52	49
Import Water	38	39	39	65	80	77	80
East Fork Min Instream Flow Requirement	25	25	25	25	25	25	25
Compliance Gage	Rvr mi.						
CVD Release	99.9	129	127	129	129	129	129
CVD Project Water Release to Meet Min Flow Requirement							
Total Pass-through Water	129	127	129	129	129	129	129
Project Water Release Required	No	No	No	No	No	No	No

III. Upper Russian River Reach							
Minimum Instream Flow Requirement		185	185	185	185	185	185
Controlling Compliance Gage							
Min Gage Flow		229	251	252	242	227	211
Controlling Gage		Forks	Forks	Forks	Forks	Forks	Forks
All Compliance Gages	Rvr mi.						
Forks	(CVD + USGS 11461000)	229	251	252	242	227	211
Talmage	(USGS 11462080)	301	333	329	313	291	266
Hopland	(USGS 11462500)	410	448	443	425	395	362
Cloverdale	(USGS 11463000)	654	776	742	700	648	587
Geyserville	(USGS 11463500)	862	1,058	1,059	953	864	762
Jimtown	(USGS 11463682)	934	1,035	1,070	991	932	847
Digger Bend	(USGS 11463980)	38.2	>400 cfs	>400 cfs	>400 cfs	>400 cfs	>400 cfs
Healdsburg	(USGS 11464000)	35.6	1,034	1,092	1,197	1,088	917
Net Reach Loss(-)/Gain(+)							
Forks - Talmage		+72	+86	+77	+67	+63	+54
Talmage - Hopland		+107	+121	+113	+106	+101	+95
Hopland - Cloverdale		+242	+343	+295	+265	+248	+221
Cloverdale - Jimtown		+281	+325	+291	+273	+269	+250
Jimtown - Digger Bend		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	+95	+126	+84	+82	+69	+58
Upper Russian Net Reach Loss/Gain		+796	+1,002	+860	+794	+749	+678
CVD Project Water Release to Meet Min Flow Requirement							
Net Reach Loss(-)/Gain(+) to Controlling Gage		+0	+0	+0	+0	+0	+0
Storage (Project Water)		0	0	0	0	0	0
Pass-through Water (Nat. + Imp.) + Natural		0	0	0	0	0	0
Total Pass-through Water		129	127	129	129	129	129
Project Water Release Required		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).

		4/12/2024	4/13/2024	4/14/2024	4/15/2024	4/16/2024	4/17/2024	4/18/2024
IV. Lake Sonoma								
Lake Sonoma								
Storage Change (ac-ft)		-56.0	+279.0	+28.0	-28.0	-28.0	-28.0	-83.0
(cfs)		-28	+141	+14	-14	-14	-14	-42
Evaporation (ac-ft)		17.2	7.8	12.5	23.4	25.0	26.5	29.6
Inflow (Natural Flow)		200	367	242	220	192	175	148
WSD Release Gage		220	222	222	222	194	176	175
Storage (Project Water)		20	0	0	2	2	1	27
Natural Flow		200	222	222	220	192	175	148
V. Lower Dry Creek Reach								
Minimum Instream Flow Requirement		75	75	75	75	75	75	75
Controlling Compliance Gage								
Min Gage Flow		220	222	222	222	194	176	175
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>	220	222	222	222	194	176	175
Yoakim (USGS 11465200)	<i>11.1</i>	232	246	236	229	208	185	180
Lambert (USGS 11465240)	<i>6.8</i>	279	296	288	279	266	247	243
Dry Crk Mouth (USGS 11465350)	<i>0.1</i>	382	387	364	354	344	327	317
WSD to Russian River Confluence Reach Analysis								
Total Pass-through Water		200	222	222	220	192	175	148
Net Reach Loss(-)/Gain(+)								
WSD - Yoakim		+11	+24	+14	+7	+10	+9	+6
Yoakim - Lambert		+47	+51	+52	+50	+54	+62	+62
Lambert - Dry Crk Mouth		+103	+93	+73	+74	+74	+79	+73
WSD - Dry Crk Mouth		+161	+169	+140	+130	+138	+150	+141
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	No	No	Yes	Yes	Yes	Yes
VI. Russian River - Dry Creek Confluence								
Upper Russian River Flow (Healdsburg Gage)								
L. Mendocino Project Water + Import Water		38	3	39	65	80	77	80
Natural Flow		888	1,089	950	858	798	764	727
Dry Creek Flow (Mouth Gage)								
L. Sonoma Project Water		20	0	0	2	2	1	27
Natural Flow		363	387	364	352	342	326	290
Russian River d/s of Confluence Flow		1,416	1,479	1,561	1,442	1,362	1,289	1,233
L. Mendocino Project Water + Import Water		38	3	39	65	80	77	80
L. Sonoma Project Water		20	0	0	2	2	1	27
Natural Flow		1,250	1,476	1,314	1,210	1,141	1,091	1,017
VII. Lower Russian River Reach								
Minimum Instream Flow Requirement		125	125	125	125	125	125	125
Controlling Compliance Gage								
Min Gage Flow		1,533	1,608	1,803	1,654	1,531	1,415	1,331
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>	1,533	1,608	1,803	1,654	1,531	1,415	1,331
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		1,571	1,647	1,837	1,698	1,574	1,459	1,375
Net Reach Loss(-)/Gain(+)		+156	+169	+276	+257	+212	+170	+142
L. Mendocino Project Water + Import Water		38	3	39	65	80	77	80
L. Sonoma Project Water		17	0	0	0	0	0	24
Natural Flow		1,406	1,645	1,590	1,466	1,353	1,260	1,159
Confluence to Hacienda (Guerneville) Reach Analysis								
Net Reach Loss(-)/Gain(+)		+117	+130	+242	+212	+169	+126	+98
L. Mendocino Project Water + Import Water		38	3	39	65	80	77	80
L. Sonoma Project Water		0	0	0	0	0	0	0
Natural Flow		1,384	1,606	1,556	1,422	1,310	1,216	1,139
VIII. Water Production under Sonoma Water Water Rights (ac-ft)								
Lower Russian River								
Sonoma Water Total		77.3	77.6	68.0	87.7	85.7	86.7	87.0
Wohler		28.5	28.8	28.3	38.1	37.5	36.9	37.7
Mirabel		48.7	48.8	39.7	49.5	48.2	49.8	49.2
Town of Windsor River Wellfield		5.0	4.2	4.0	4.5	4.6	4.8	4.9
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

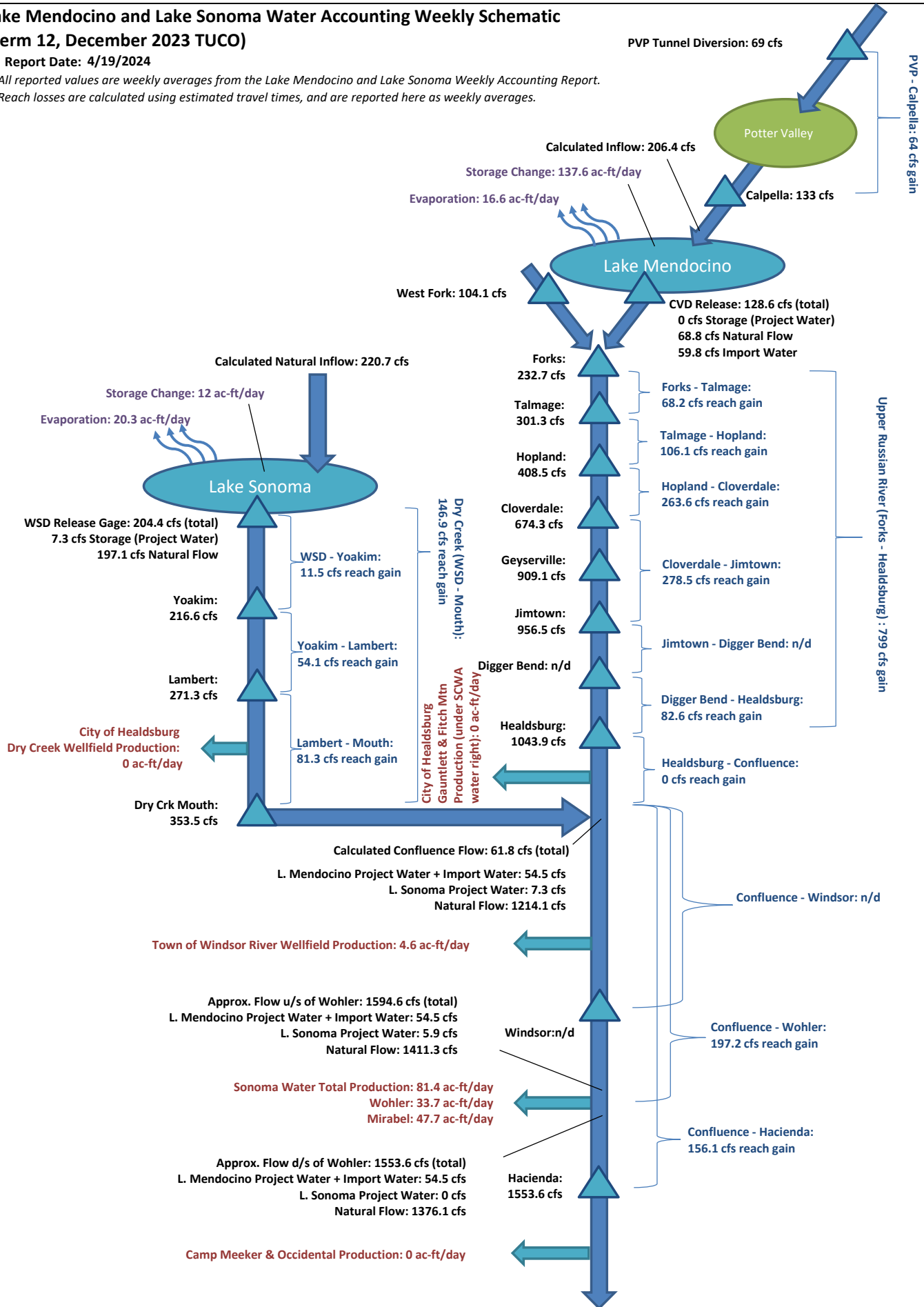
Notes:

- 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: 4/19/2024

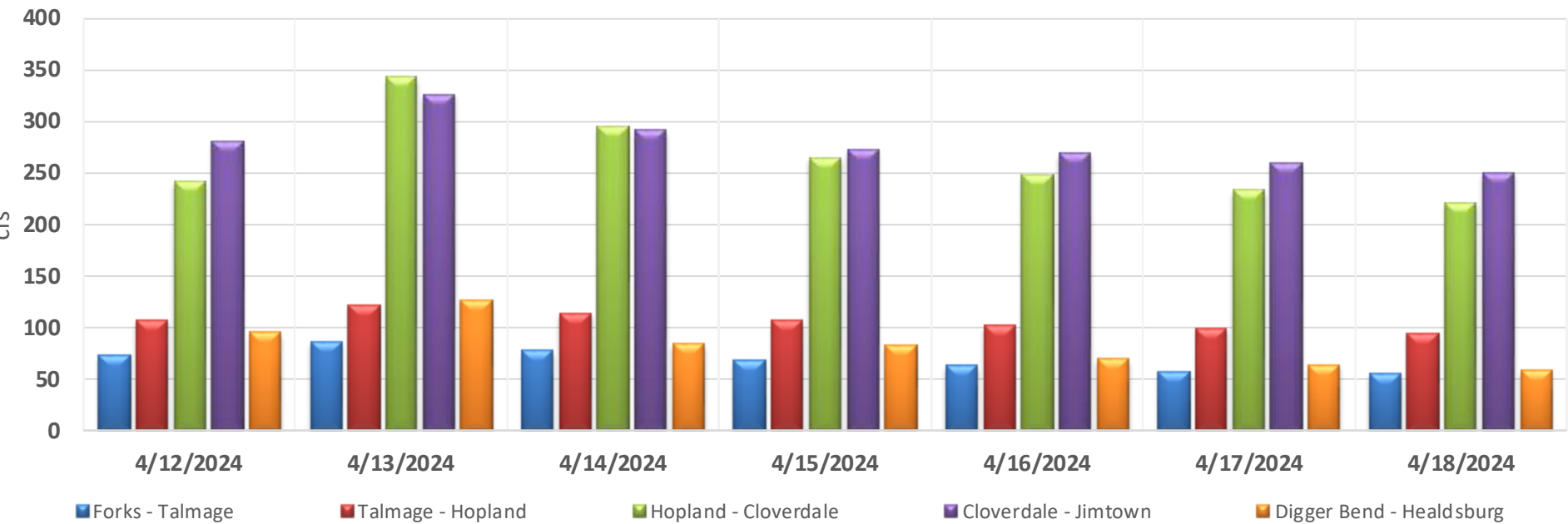
All reported values are weekly averages from the Lake Mendocino and Lake Sonoma Weekly Accounting Report.
Reach losses are calculated using estimated travel times, and are reported here as weekly averages.



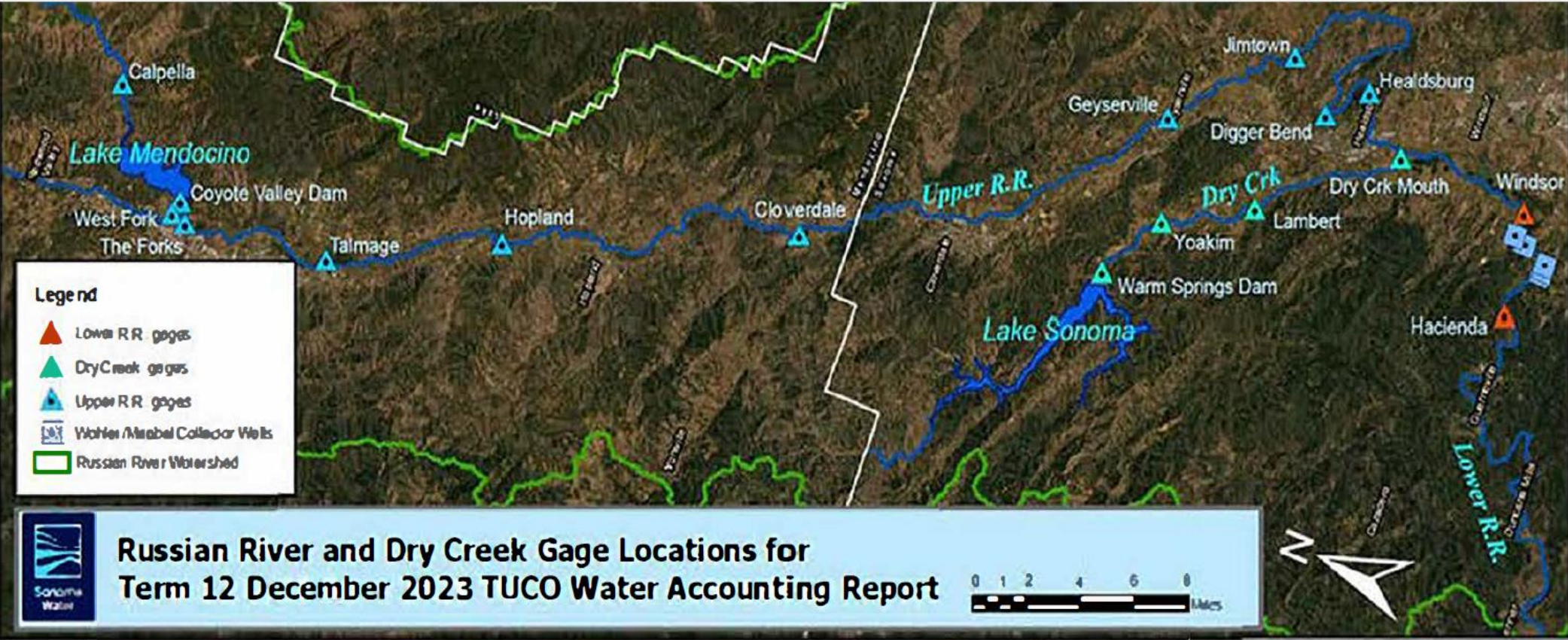
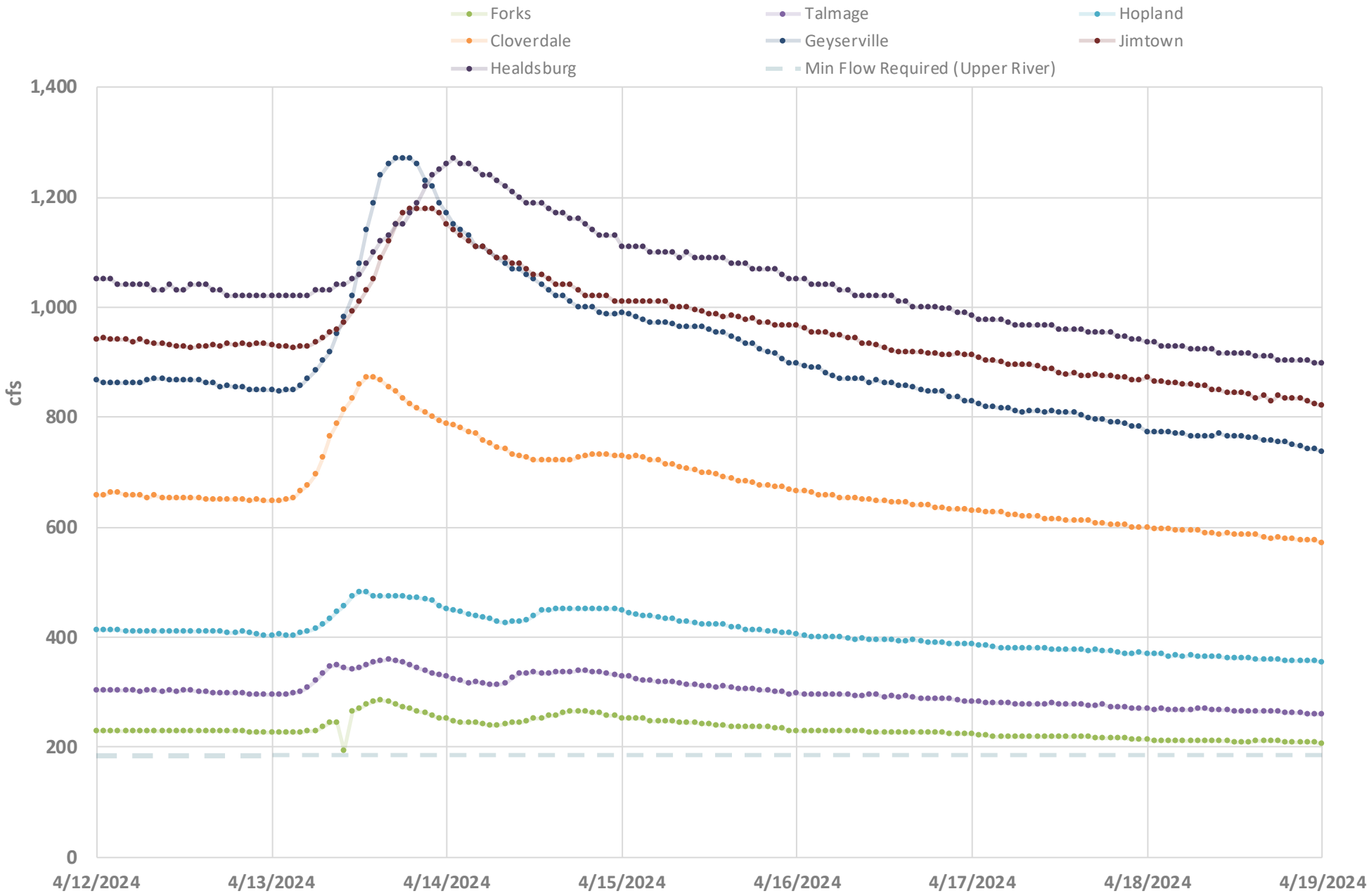
Lake Mendocino and Lake Sonoma Water Accounting Weekly Report (Term 12, Dec 2023 TUCO)

Report Date: 4/19/2024

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

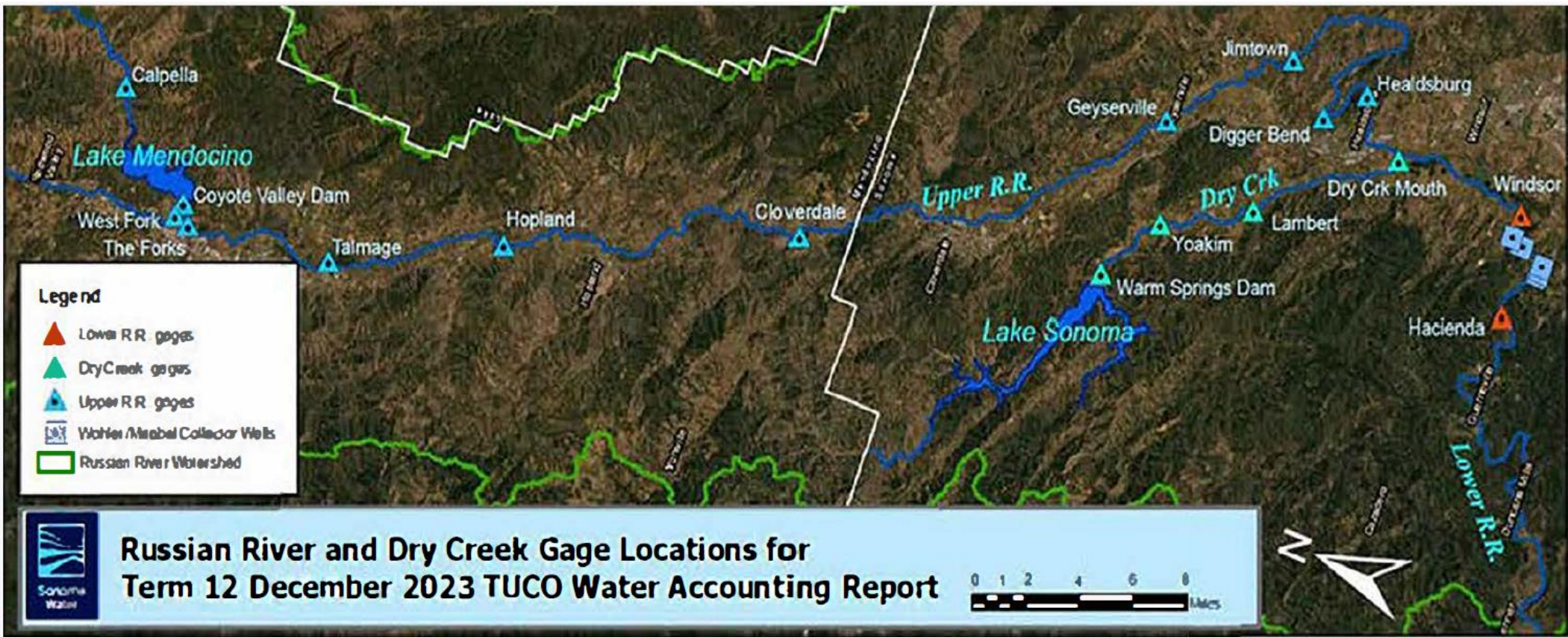
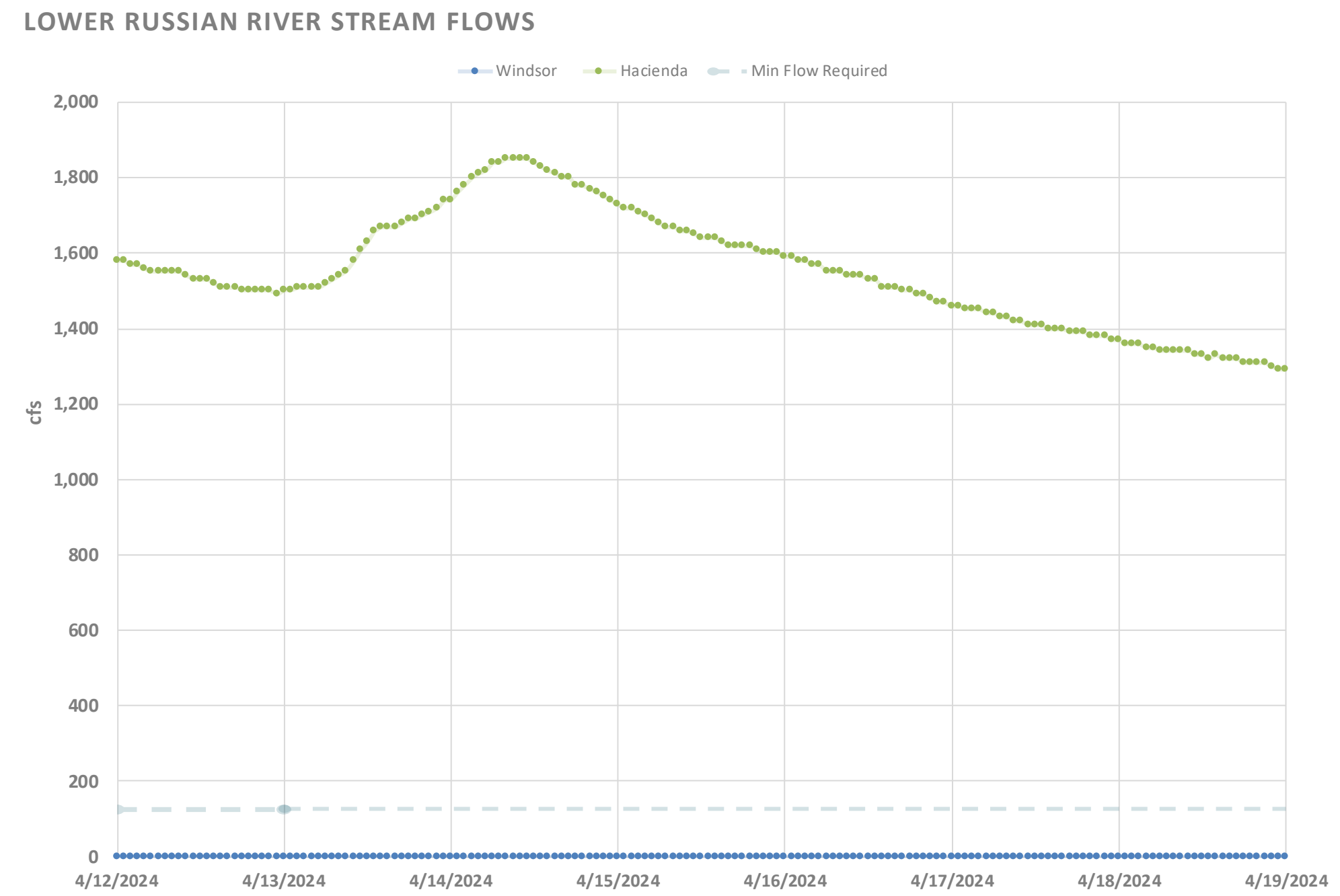
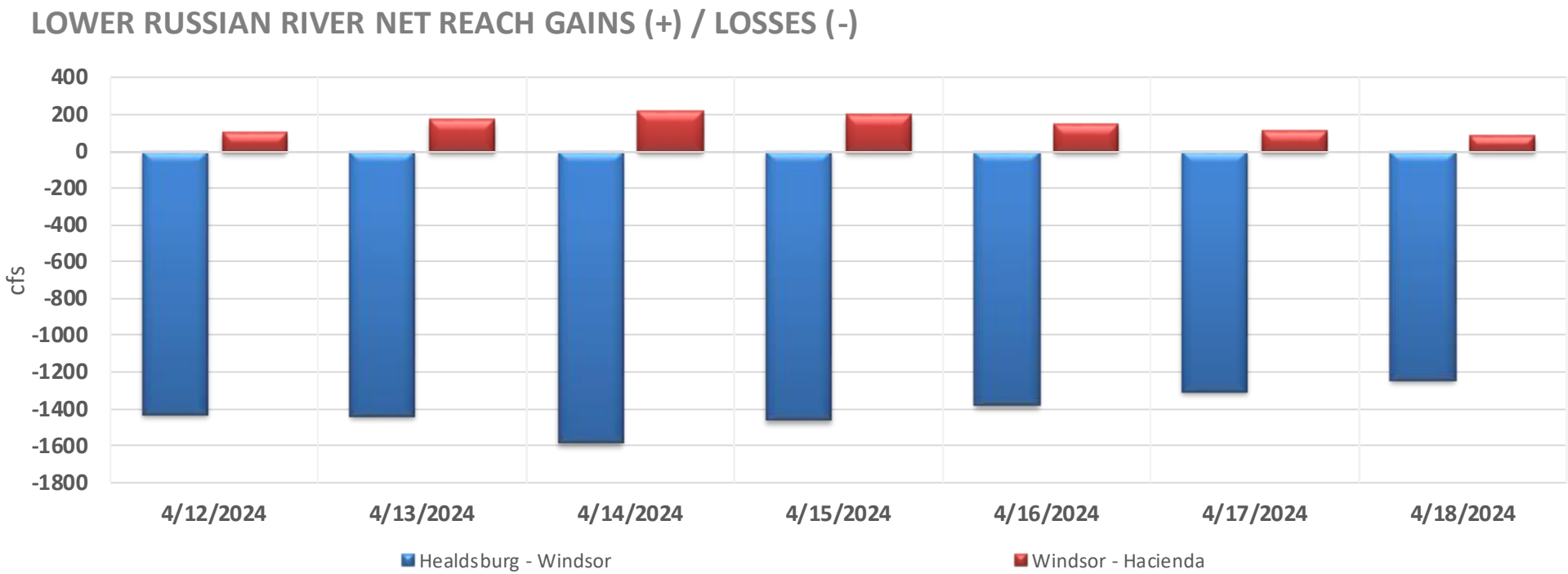


UPPER RUSSIAN RIVER STREAM FLOWS



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

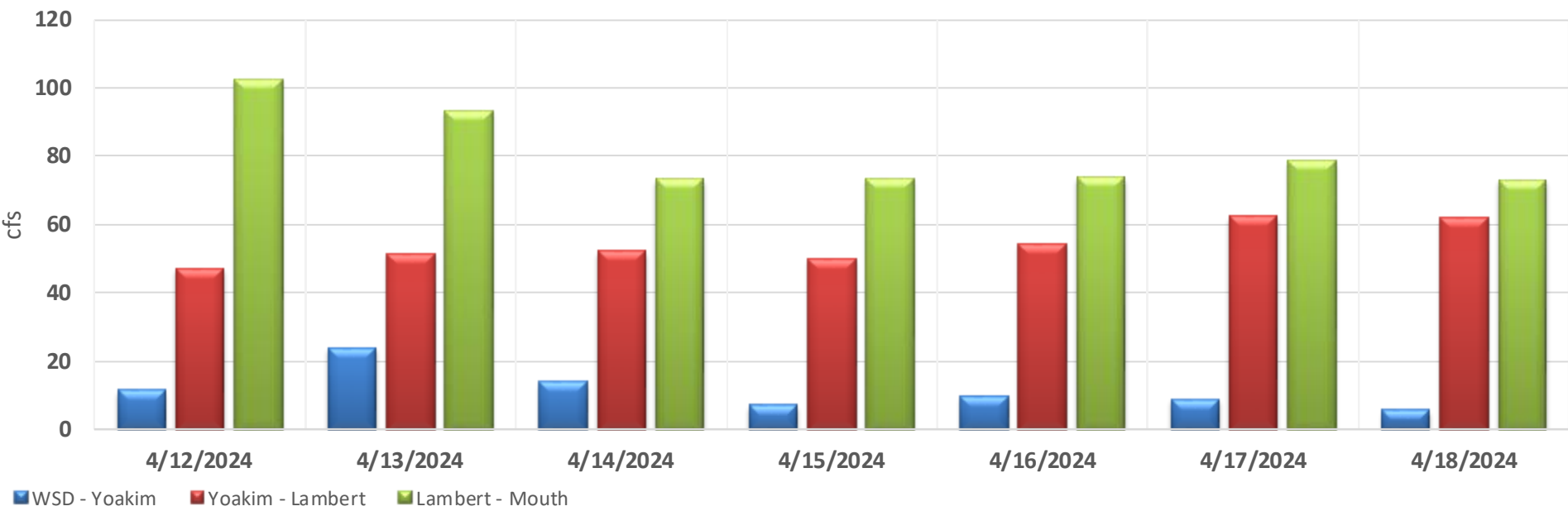
Report Date: 4/19/2024



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

Report Date: 4/19/2024

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



DRY CREEK STREAM FLOWS

