

Units are cfs unless noted otherwise

	5/3/2024	5/4/2024	5/5/2024	5/6/2024	5/7/2024	5/8/2024	5/9/2024
I. Upper East Fork Reach							
Potter Valley Project							
Tunnel Diversion	90.0	90.0	90.0	90.0	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	5.2	5.2	8.3	9.9	7.7	5.3	5.3
East Fork Release	85.0	85.0	82.0	80.0	82.0	85.0	85.0
PVID E Fork Diversions	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PVID Water Use - PG&E Contract	5.2	5.2	8.3	9.9	7.7	5.3	5.3
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)	85.0	85.0	82.0	80.0	82.0	85.0	85.0
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	132.6	205.6	149.6	127.9	122.5	133.1	124.5
Net Reach Loss(-)/Gain(+)	+42.6	+115.6	+59.6	+37.9	+32.5	+43.1	+34.5
Unimpaired Natural Flow @ Calpella (est.)	17.4	16.6	57.2	29.1	23.9	21.4	19.6
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)	269	471	327	275	297	283	293
(cfs)	136	238	165	139	150	143	148
Natural Flow	51	153	80	54	65	58	63
Import	85	85	85	85	85	85	85
Storage Change (ac-ft)	-54.0	+179.0	+36.0	-18.0	+0.0	-18.0	-18.0
(cfs)	-27	+90	+18	-9	+0	-9	-9
Stored Natural Flow (cfs)	0	90	18	0	0	0	0
Stored Import Water (cfs)	0	0	0	0	0	0	0
Evaporation (ac-ft)	23.9	7.3	17.6	19.7	22.8	28.0	31.1
RVCWD Diversion (ac-ft)	0	0	0	0	0	0	0
CVD Release Gage	151	144	138	138	138	138	141
Storage (Project Water)	15	0	0	0	0	0	0
Natural Flow	51	61	57	54	59	58	63
Import Water	85	83	81	85	79	85	85
East Fork Min Instream Flow Requirement	25	25	25	25	25	25	25

Compliance Gage	Rvr mi.						
CVD Release	99.9	151	144	138	138	138	141
CVD Project Water Release to Meet Min Flow Requirement							
Total Pass-through Water		136	144	138	139	138	148
Project Water Release Required		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		189	240	238	200	191	184
Controlling Gage		Forks	Forks	Forks	Forks	Forks	Forks
All Compliance Gages		Rvr mi.					
Forks	(CVD + USGS 11461000)	99.0	189	240	238	200	191
Talmage	(USGS 11462080)	96.1	219	320	311	245	226
Hopland	(USGS 11462500)	84.8	279	366	402	317	294
Cloverdale	(USGS 11463000)	70.9	383	476	600	467	421
Geyserville	(USGS 11463500)	54.4	451	519	714	579	504
Jimtown	(USGS 11463682)	48.5	504	535	660	595	540
Digger Bend	(USGS 11463980)	38.2	>400 cfs	>400 cfs	>400 cfs	>400 cfs	>400 cfs
Healdsburg	(USGS 11464000)	35.6	539	565	697	659	588
Net Reach Loss(-)/Gain(+)							
Forks - Talmage			+30	+97	+59	+42	+33
Talmage - Hopland			+62	+86	+61	+64	+65
Hopland - Cloverdale			+105	+167	+162	+137	+122
Cloverdale - Jimtown			+121	+144	+54	+78	+105
Jimtown - Digger Bend			n/d	n/d	n/d	n/d	n/d
Digger Bend - Healdsburg	*when Digger Bend > 400 cfs, next u/s gage (Jimtown) used		+31	+55	+62	+36	+34
Upper Russian Net Reach Loss/Gain			+349	+549	+399	+357	+360
CVD Project Water Release to Meet Min Flow Requirement							
Net Reach Loss(-)/Gain(+) to Controlling Gage			+0	+0	+0	+0	+0
Storage (Project Water)			0	0	0	0	0
Pass-through Water (Nat. + Imp.) + Natural			0	0	0	0	0
Total Pass-through Water			136	144	138	139	138
Project Water Release Required			Yes	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).

	5/3/2024	5/4/2024	5/5/2024	5/6/2024	5/7/2024	5/8/2024	5/9/2024
IV. Lake Sonoma							
Lake Sonoma							
Storage Change (ac-ft)	-111.0	+305.0	-83.0	-56.0	-55.0	-139.0	-55.0
(cfs)	-56	+154	-42	-28	-28	-70	-28
Evaporation (ac-ft)	38.6	19.3	32.2	32.2	37.0	40.2	40.2
Inflow (Natural Flow)	64	265	74	88	91	50	93
WSD Release Gage	101	101	100	100	100	100	100
Storage (Project Water)	37	0	26	12	9	50	7
Natural Flow	64	101	74	88	91	50	93

V. Lower Dry Creek Reach

Minimum Instream Flow Requirement		80	80	80	80	80	80
Controlling Compliance Gage							
Min Gage Flow		96	101	99	96	95	92
Controlling Gage		Yoakim	WSD Release	Yoakim	Yoakim	Yoakim	Yoakim
All Compliance Gages		<i>Crk mi.</i>					
WSD Release	<i>14.3</i>	101	101	100	100	100	100
Yoakim (USGS 11465200)	<i>11.1</i>	96	103	99	96	95	92
Lambert (USGS 11465240)	<i>6.8</i>	138	149	143	138	136	133
Dry Crk Mouth (USGS 11465350)	<i>0.1</i>	158	157	157	157	157	157
WSD to Russian River Confluence Reach Analysis							
Total Pass-through Water		64	101	74	88	91	93
Net Reach Loss(-)/Gain(+)							
WSD - Yoakim		-5	+2	-2	-5	-6	-9
Yoakim - Lambert		+41	+46	+43	+42	+41	+41
Lambert - Dry Crk Mouth		+20	+12	+11	+18	+21	+24
WSD - Dry Crk Mouth		+56	+60	+53	+55	+56	+55
WSD Project Water Release to Meet Min Flow Requirement							
Net Reach Loss/Gain to Controlling Gage		-5	+0	-2	-5	-6	-9
Project Water Release Required		Yes	No	Yes	Yes	Yes	Yes

VI. Russian River - Dry Creek Confluence

Upper Russian River Flow (Healdsburg Gage)							
L. Mendocino Project Water + Import Water		100	83	81	85	79	85
Natural Flow		400	610	456	411	419	384
Dry Creek Flow (Mouth Gage)							
L. Sonoma Project Water		37	0	26	12	9	7
Natural Flow		121	157	131	145	148	150
Russian River d/s of Confluence Flow		697	722	854	816	745	678
L. Mendocino Project Water + Import Water		100	83	81	85	79	85
L. Sonoma Project Water		37	0	26	12	9	7
Natural Flow		521	767	588	556	566	533

VII. Lower Russian River Reach

Minimum Instream Flow Requirement		125	125	125	125	125	125
Controlling Compliance Gage							
Min Gage Flow		779	816	940	940	849	745
Controlling Gage		Windsor	Windsor	Windsor	Windsor	Windsor	Windsor
All Compliance Gages		<i>Rvr mi.</i>					
Windsor (USGS 11465390)	<i>26.6</i>	779	816	940	940	849	745
Hacienda (USGS 11467000)	<i>21.8</i>	784	869	1,073	1,033	924	792
Confluence to Windsor Reach Analysis							
Net Reach Loss/Gain to Windsor Gage		+81	+94	+105	+106	+93	+61
L. Mendocino Project Water + Import Water		100	83	81	85	79	85
L. Sonoma Project Water		33	0	23	9	5	3
Natural Flow		602	854	693	661	659	593
Confluence to SCWA Wohler Production Facility Reach Analysis							
Approx. Flow u/s of Wohler		840	928	1,117	1,082	973	859
Net Reach Loss(-)/Gain(+)		+142	+206	+263	+266	+228	+180
L. Mendocino Project Water + Import Water		100	83	81	85	79	85
L. Sonoma Project Water		33	0	23	9	5	3
Natural Flow		663	972	851	822	794	713
Confluence to Hacienda (Guerneville) Reach Analysis							
Net Reach Loss(-)/Gain(+)		+86	+146	+219	+217	+180	+114
L. Mendocino Project Water + Import Water		100	83	81	85	79	85
L. Sonoma Project Water		0	0	0	0	0	0
Natural Flow		640	913	829	782	751	651

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

Lower Russian River							
Sonoma Water Total		111.4	117.7	87.7	97.6	95.9	131.3
Wohler		57.4	38.9	39.0	48.4	50.4	78.2
Mirabel		54.0	78.8	48.8	49.2	45.4	53.2
Town of Windsor River Wellfield		6.8	6.1	5.7	6.2	7.1	8.0
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

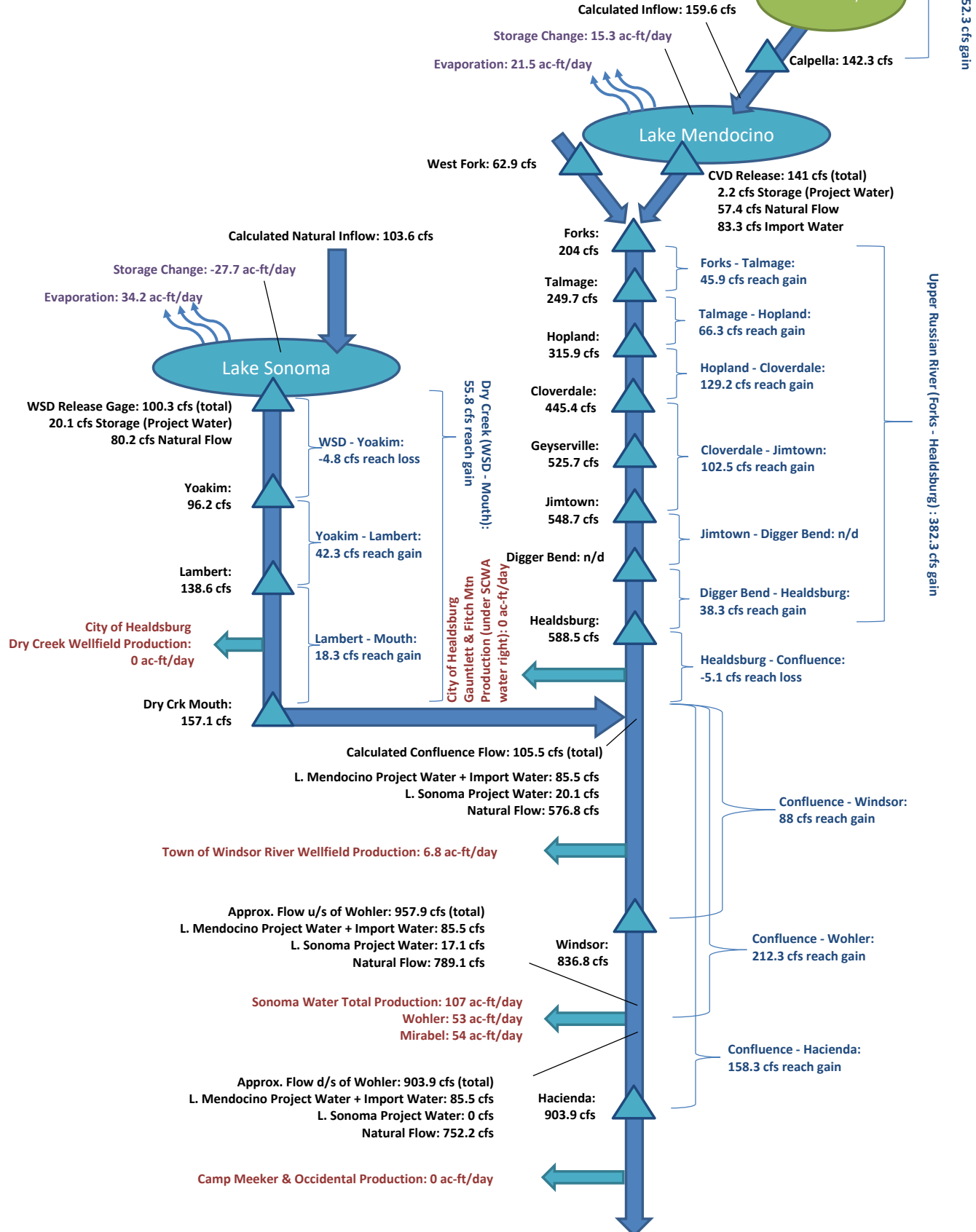
Notes:

- 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: 5/10/2024

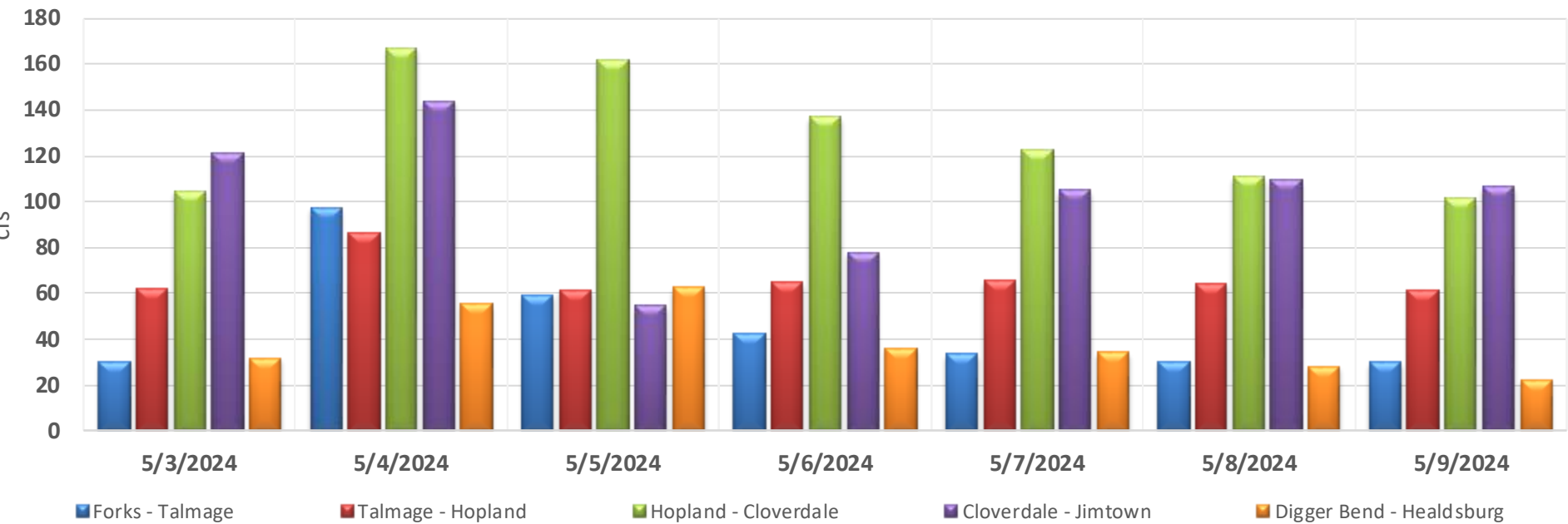
All reported values are weekly averages from the Lake Mendocino and Lake Sonoma Weekly Accounting Report.
Reach losses are calculated using estimated travel times, and are reported here as weekly averages.



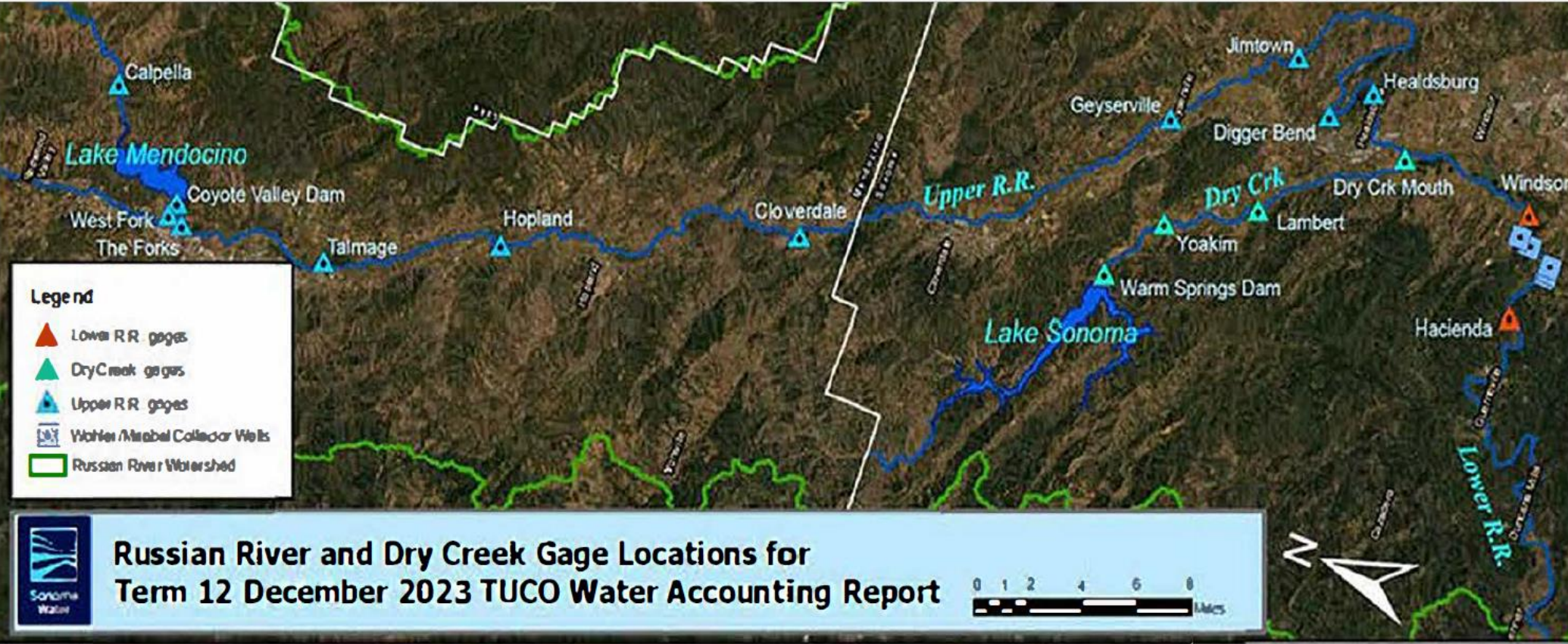
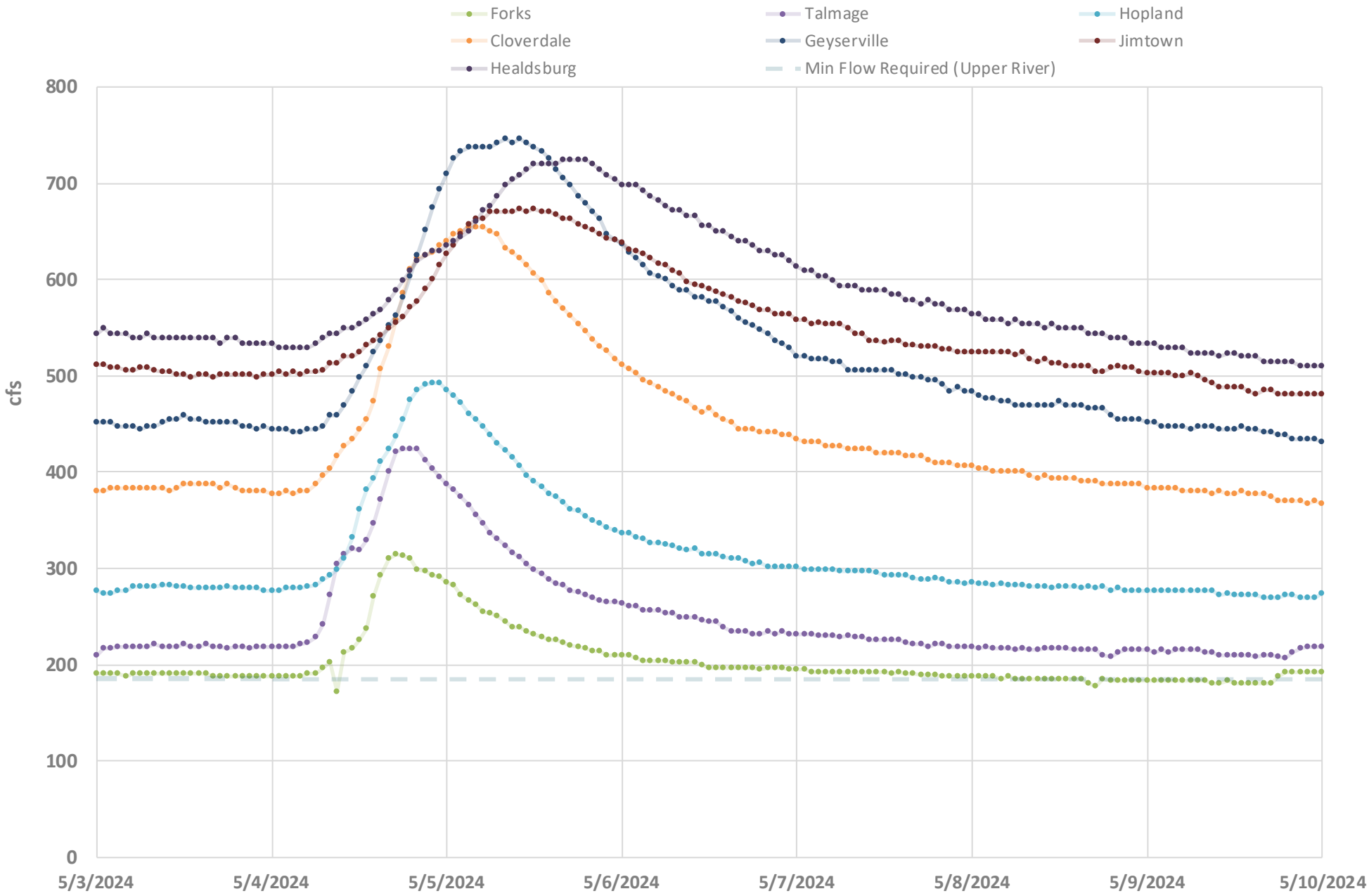
Lake Mendocino and Lake Sonoma Water Accounting Weekly Report (Term 12, Dec 2023 TUCO)

Report Date: 5/10/2024

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



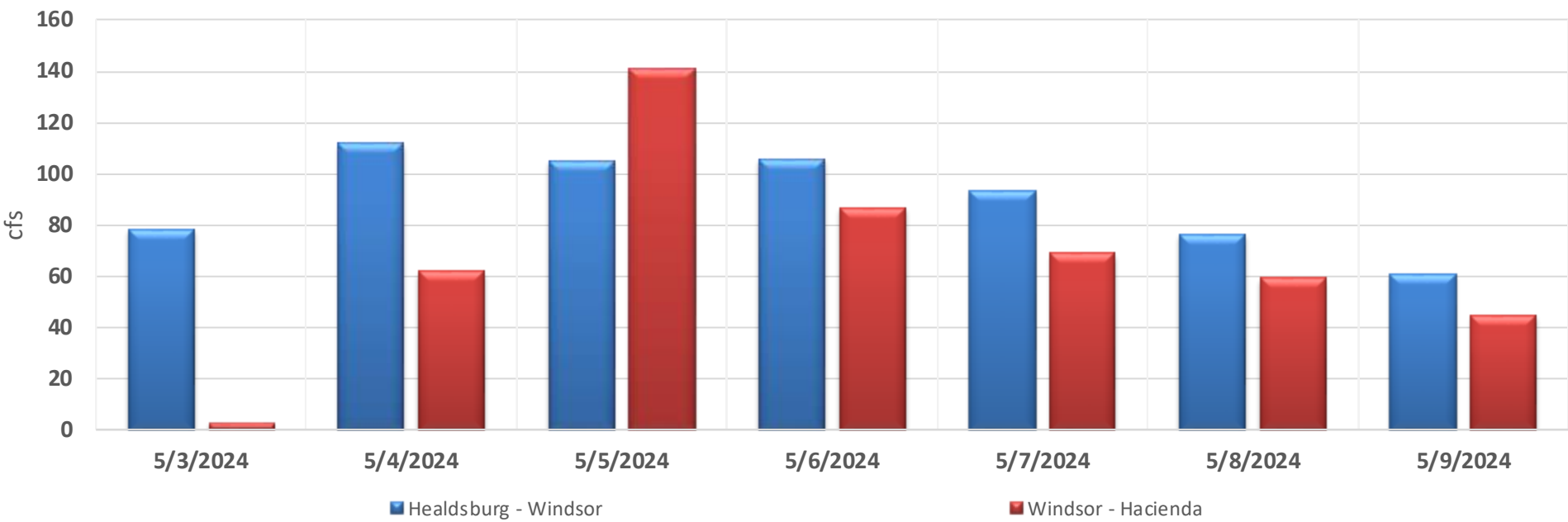
UPPER RUSSIAN RIVER STREAM FLOWS



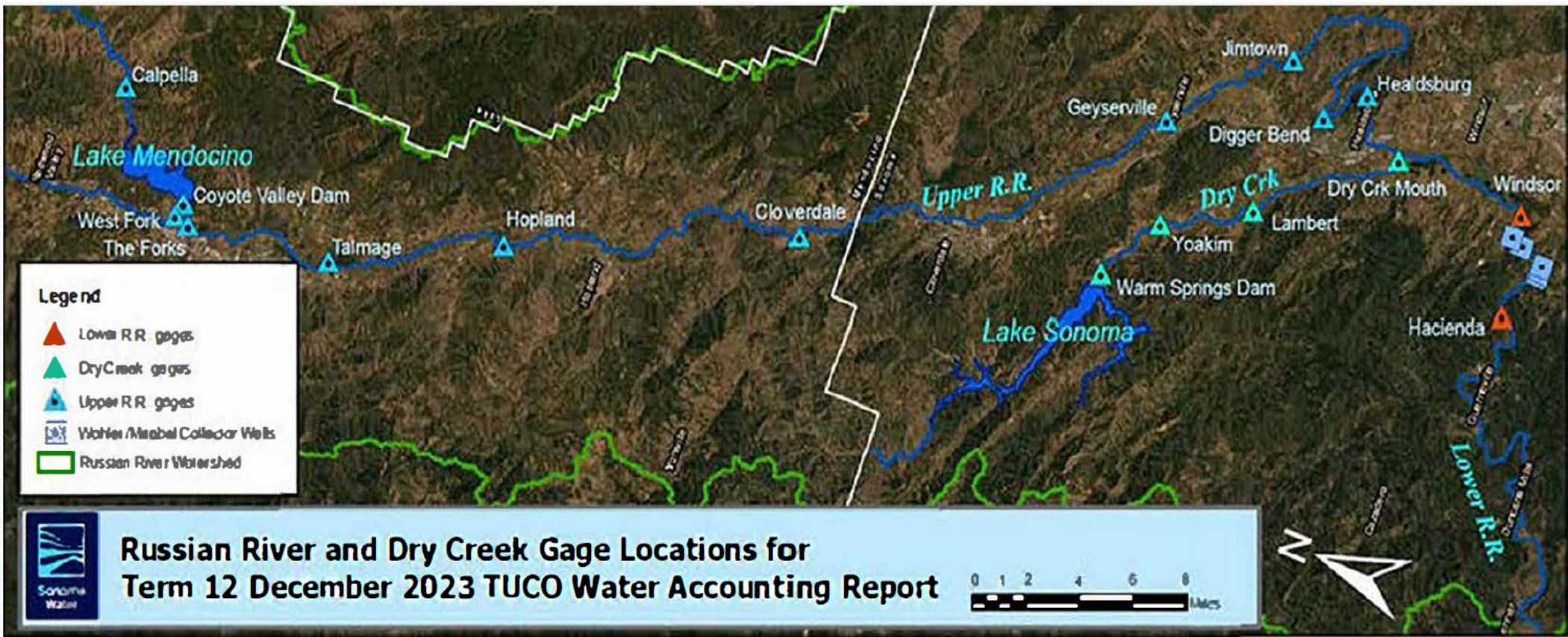
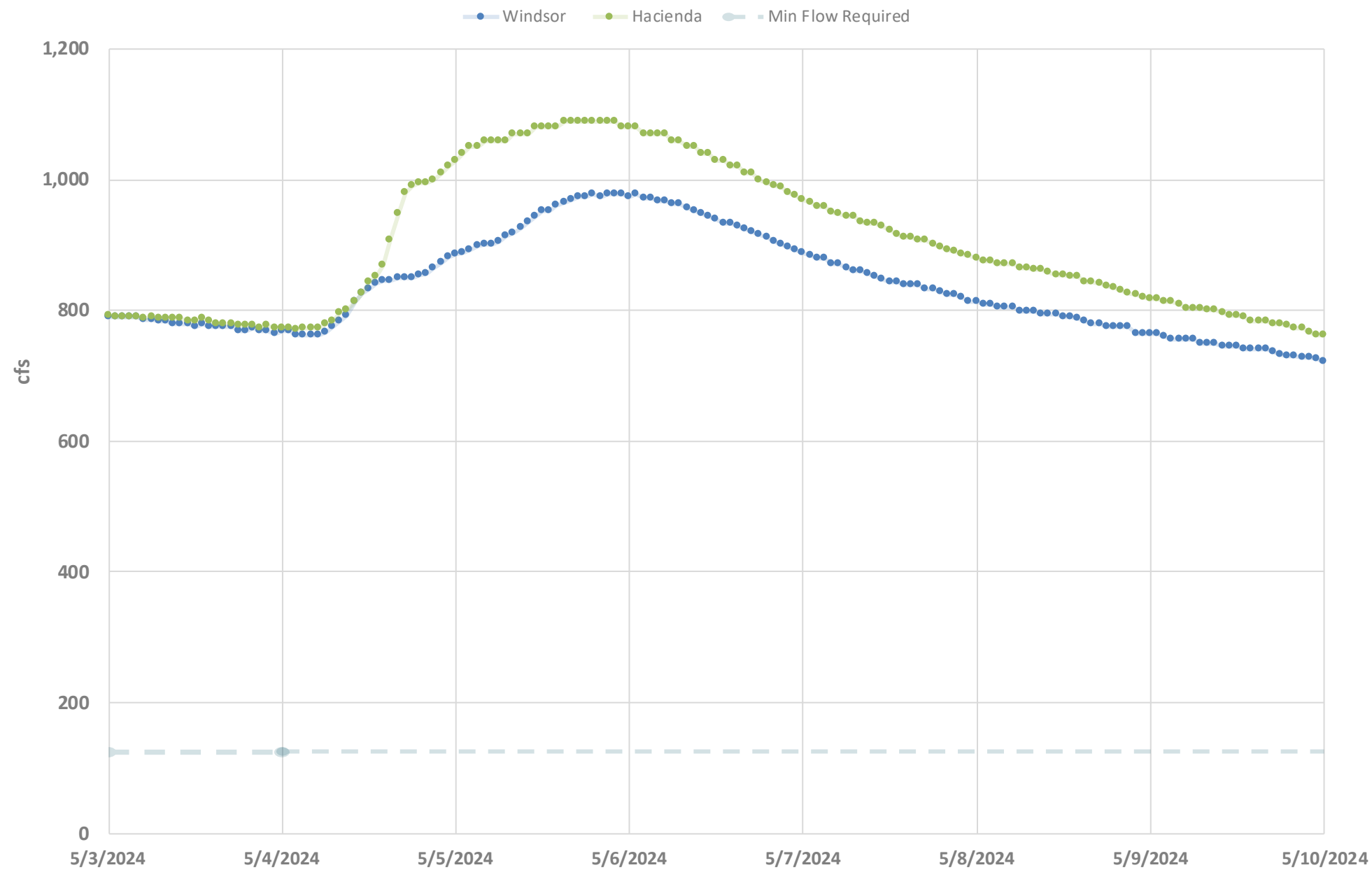
Lake Mendocino and Lake Sonoma Water Accounting Weekly Report (Term 12, Dec 2023 TUCO)

Report Date: 5/10/2024

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



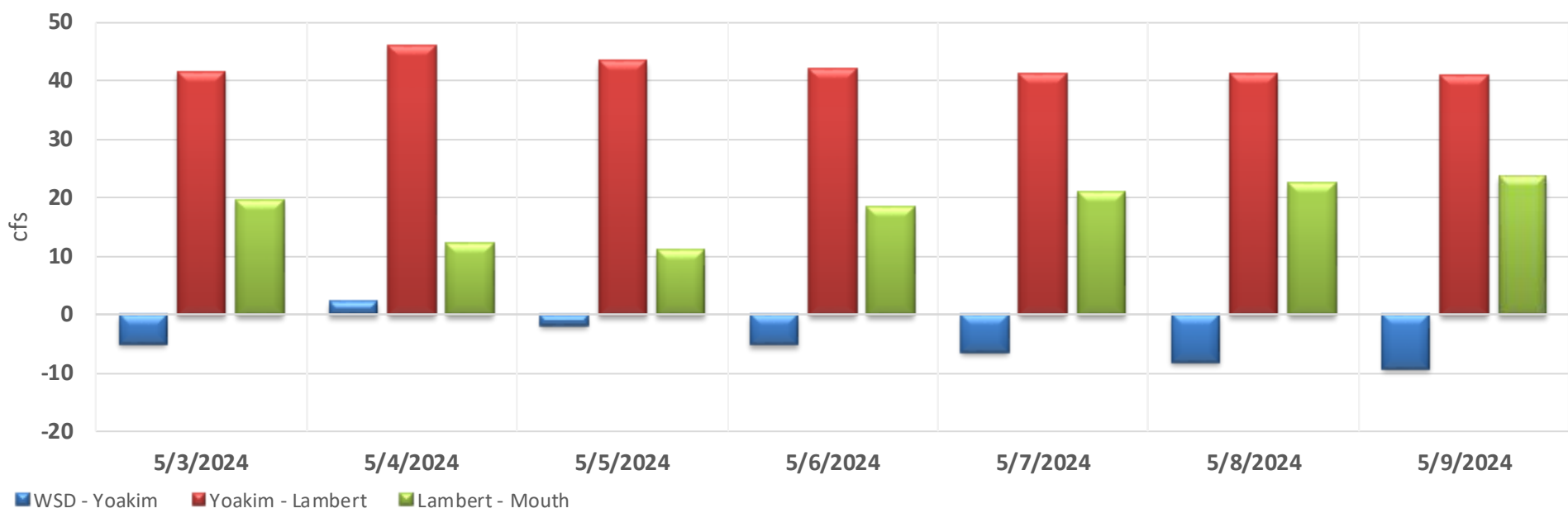
LOWER RUSSIAN RIVER STREAM FLOWS



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

Report Date: 5/10/2024

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



DRY CREEK STREAM FLOWS

