

Units are cfs unless noted otherwise

	5/10/2024	5/11/2024	5/12/2024	5/13/2024	5/14/2024	5/15/2024	5/16/2024
I. Upper East Fork Reach							
Potter Valley Project							
Tunnel Diversion	90.0	90.0	90.0	90.0	100.0	130.0	130.0
PVID Requested Delivery	5.0	5.0	5.0	5.0	5.0	5.0	5.0
PVID Canals Actual Delivery	5.4	5.4	5.3	5.3	5.4	5.7	7.1
East Fork Release	85.0	85.0	85.0	85.0	95.0	124.0	123.0
PVID E Fork Diversions	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PVID Water Use - PG&E Contract	5.4	5.4	5.3	5.3	5.4	5.7	7.1
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	85.0	85.0	95.0	124.0	123.0
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	128.4	125.5	120.8	122.4	118.1	162.0	165.7
Net Reach Loss(-)/Gain(+)	+38.4	+35.5	+30.8	+32.4	+18.1	+32.0	+35.7
Unimpaired Natural Flow @ Calpella (est.)	18.1	16.6	16.3	14.8	14.8	14.1	13.7
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)	294	276	275	276	257	319	333
(cfs)	148	139	138	139	130	161	168
Natural Flow	63	54	53	54	35	36	43
Import	85	85	85	85	95	125	125
Storage Change (ac-ft)	-35.0	-54.0	-54.0	-53.0	-72.0	-18.0	+0.0
(cfs)	-18	-27	-27	-27	-36	-9	+0
Stored Natural Flow (cfs)	0	0	0	0	0	0	0
Stored Import Water (cfs)	0	0	0	0	0	0	0
Evaporation (ac-ft)	29.1	30.1	29.1	29.1	29.0	30.1	25.9
RVCWD Diversion (ac-ft)	0	0	0	0	0	0	0
CVD Release Gage	151	151	151	151	151	155	155
Storage (Project Water)	3	12	13	12	22	0	0
Natural Flow	63	54	53	54	35	36	37
Import Water	85	85	85	85	95	125	118
East Fork Min Instream Flow Requirement	25	25	25	25	25	25	25
Compliance Gage	Rvr mi.						
CVD Release	99.9	151	151	151	151	155	155
CVD Project Water Release to Meet Min Flow Requirement							
Total Pass-through Water	148	139	138	139	130	161	155
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	191	188	186	184	183	185	184
Controlling Gage	Forks	Forks	Forks	Forks	Forks	Forks	Forks
All Compliance Gages	Rvr mi.						
Forks (CVD + USGS 11461000)	99.0	191	188	186	184	183	184
Talmage (USGS 11462080)	96.1	217	211	207	203	201	192
Hopland (USGS 11462500)	84.8	276	270	266	262	258	246
Cloverdale (USGS 11463000)	70.9	368	360	353	345	338	319
Geyserville (USGS 11463500)	54.4	429	417	404	393	384	364
Jimtown (USGS 11463682)	48.5	472	465	455	447	439	416
Digger Bend (USGS 11463980)	38.2	>400 cfs	>400 cfs	>400 cfs	>400 cfs	>400 cfs	>400 cfs
Healdsburg (USGS 11464000)	35.6	501	489	476	465	454	430
Net Reach Loss(-)/Gain(+)							
Forks - Talmage		+25	+23	+20	+20	+18	+8
Talmage - Hopland		+58	+58	+58	+58	+57	+54
Hopland - Cloverdale		+94	+88	+85	+82	+78	+70
Cloverdale - Jimtown		+101	+101	+99	+99	+97	+91
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		+25	+21	+17	+16	+12	+11
Upper Russian Net Reach Loss/Gain		+303	+290	+280	+273	+262	+233
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		148	139	138	139	130	155
Project Water Release Required		No	Yes	Yes	Yes	Yes	Yes

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).

		5/10/2024	5/11/2024	5/12/2024	5/13/2024	5/14/2024	5/15/2024	5/16/2024
IV. Lake Sonoma								
Lake Sonoma								
Storage Change (ac-ft)		-138.0	-111.0	-111.0	-138.0	-111.0	-138.0	-139.0
(cfs)		-70	-56	-56	-70	-56	-70	-70
Evaporation (ac-ft)		45.0	38.5	33.7	30.5	34.0	35.3	28.9
Inflow (Natural Flow)		54	63	61	46	61	48	44
WSD Release Gage		101	100	100	100	100	100	100
Storage (Project Water)		47	37	39	54	39	52	56
Natural Flow		54	63	61	46	61	48	44
V. Lower Dry Creek Reach								
Minimum Instream Flow Requirement		80	80	80	80	80	80	80
Controlling Compliance Gage								
Min Gage Flow		91	91	91	89	89	89	89
Controlling Gage		Yoakim	Yoakim	Yoakim	Yoakim	Yoakim	Yoakim	Yoakim
All Compliance Gages	<i>Crk mi.</i>							
WSD Release	<i>14.3</i>	101	100	100	100	100	100	100
Yoakim (USGS 11465200)	<i>11.1</i>	91	91	91	89	89	89	89
Lambert (USGS 11465240)	<i>6.8</i>	131	131	129	129	128	128	127
Dry Crk Mouth (USGS 11465350)	<i>0.1</i>	157	157	157	157	157	157	157
WSD to Russian River Confluence Reach Analysis								
Total Pass-through Water		54	63	61	46	61	48	44
Net Reach Loss(-)/Gain(+)								
WSD - Yoakim		-10	-10	-10	-12	-12	-12	-12
Yoakim - Lambert		+40	+40	+39	+39	+39	+39	+39
Lambert - Dry Crk Mouth		+26	+26	+28	+28	+29	+29	+30
WSD - Dry Crk Mouth		+56	+56	+56	+56	+56	+56	+56
WSD Project Water Release to Meet Min Flow Requirement								
Net Reach Loss/Gain to Controlling Gage		-10	-10	-10	-12	-12	-12	-12
Project Water Release Required		Yes	Yes	Yes	Yes	Yes	Yes	Yes
VI. Russian River - Dry Creek Confluence								
Upper Russian River Flow (Healdsburg Gage)								
L. Mendocino Project Water + Import Water		88	97	98	97	117	125	118
Natural Flow		366	344	333	327	297	280	270
Dry Creek Flow (Mouth Gage)								
L. Sonoma Project Water		47	37	39	54	39	52	56
Natural Flow		110	120	118	103	118	105	101
Russian River d/s of Confluence Flow		658	646	633	622	611	598	587
L. Mendocino Project Water + Import Water		88	97	98	97	117	125	118
L. Sonoma Project Water		47	37	39	54	39	52	56
Natural Flow		476	464	451	430	415	385	371
VII. Lower Russian River Reach								
Minimum Instream Flow Requirement		125	125	125	125	125	125	125
Controlling Compliance Gage								
Min Gage Flow		710	687	667	650	632	615	601
Controlling Gage		Windsor	Windsor	Windsor	Windsor	Windsor	Windsor	Windsor
All Compliance Gages	<i>Rvr mi.</i>							
Windsor (USGS 11465390)	<i>26.6</i>	<i>710</i>	<i>687</i>	<i>667</i>	<i>650</i>	<i>632</i>	<i>615</i>	<i>601</i>
Hacienda (USGS 11467000)	<i>21.8</i>	<i>743</i>	<i>713</i>	<i>691</i>	<i>667</i>	<i>648</i>	<i>628</i>	<i>614</i>
Confluence to Windsor Reach Analysis								
Net Reach Loss/Gain to Windsor Gage		+53	+41	+32	+26	+19	+14	+11
L. Mendocino Project Water + Import Water		88	97	98	97	117	125	118
L. Sonoma Project Water		43	33	35	50	35	48	51
Natural Flow		529	505	483	456	434	399	383
Confluence to SCWA Wohler Production Facility Reach Analysis								
Approx. Flow u/s of Wohler		807	773	739	733	718	689	662
Net Reach Loss(-)/Gain(+)		+149	+127	+106	+111	+107	+91	+75
L. Mendocino Project Water + Import Water		88	97	98	97	117	125	118
L. Sonoma Project Water		43	33	35	50	35	48	51
Natural Flow		625	591	557	541	523	476	446
Confluence to Hacienda (Guerneville) Reach Analysis								
Net Reach Loss(-)/Gain(+)		+85	+67	+59	+45	+38	+30	+27
L. Mendocino Project Water + Import Water		88	97	98	97	117	125	118
L. Sonoma Project Water		0	0	0	0	0	0	3
Natural Flow		604	564	545	526	488	463	446
VIII. Water Production under Sonoma Water Water Rights (ac-ft)								
Lower Russian River								
Sonoma Water Total		126.6	117.8	94.0	130.9	138.1	121.3	95.4
Wohler		71.3	50.3	24.0	59.8	46.6	52.2	46.3
Mirabel		55.3	67.5	70.1	71.0	91.6	69.1	49.1
Town of Windsor River Wellfield		8.1	7.5	7.7	7.8	8.0	8.0	8.2
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

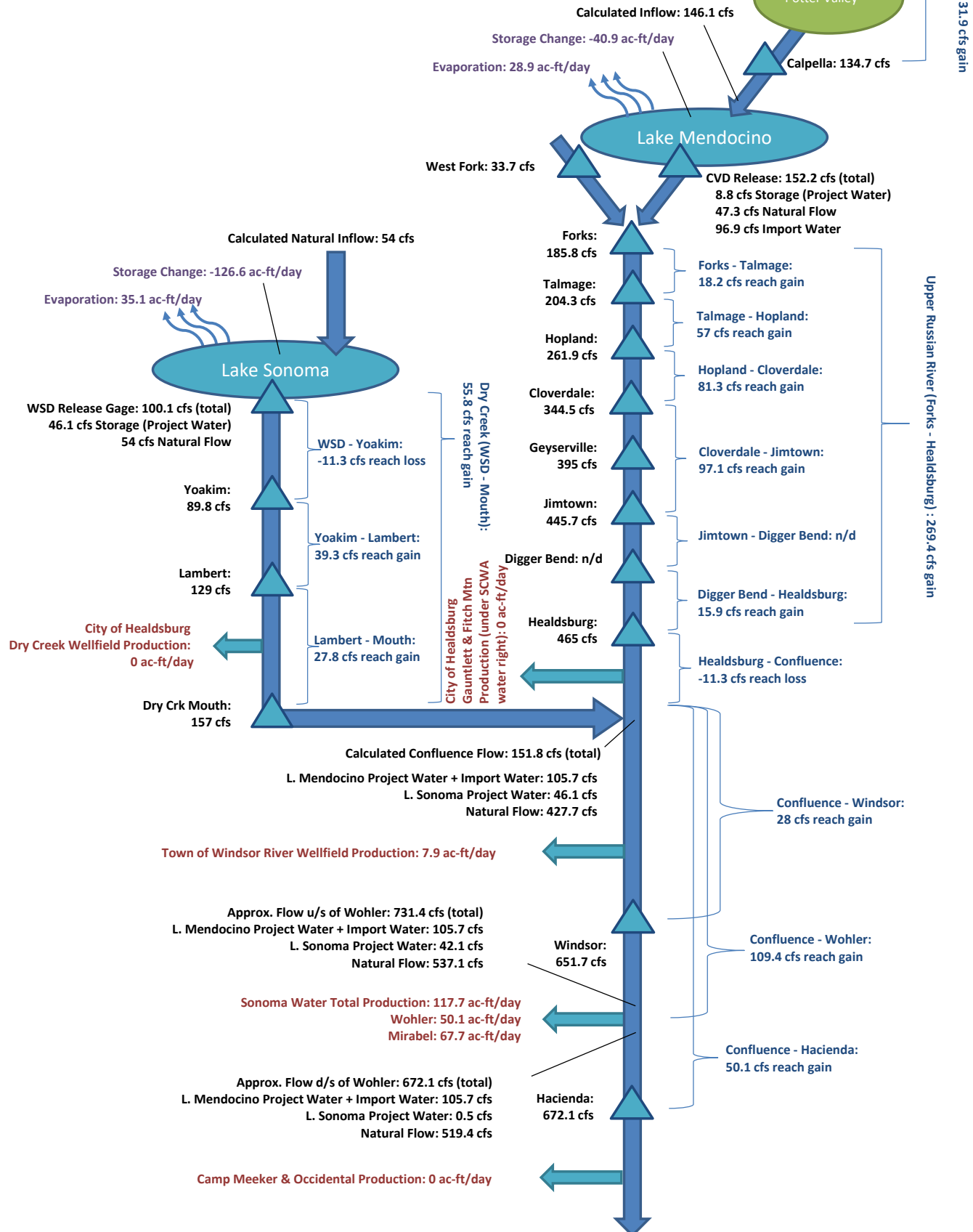
Notes:

- 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: 5/17/2024

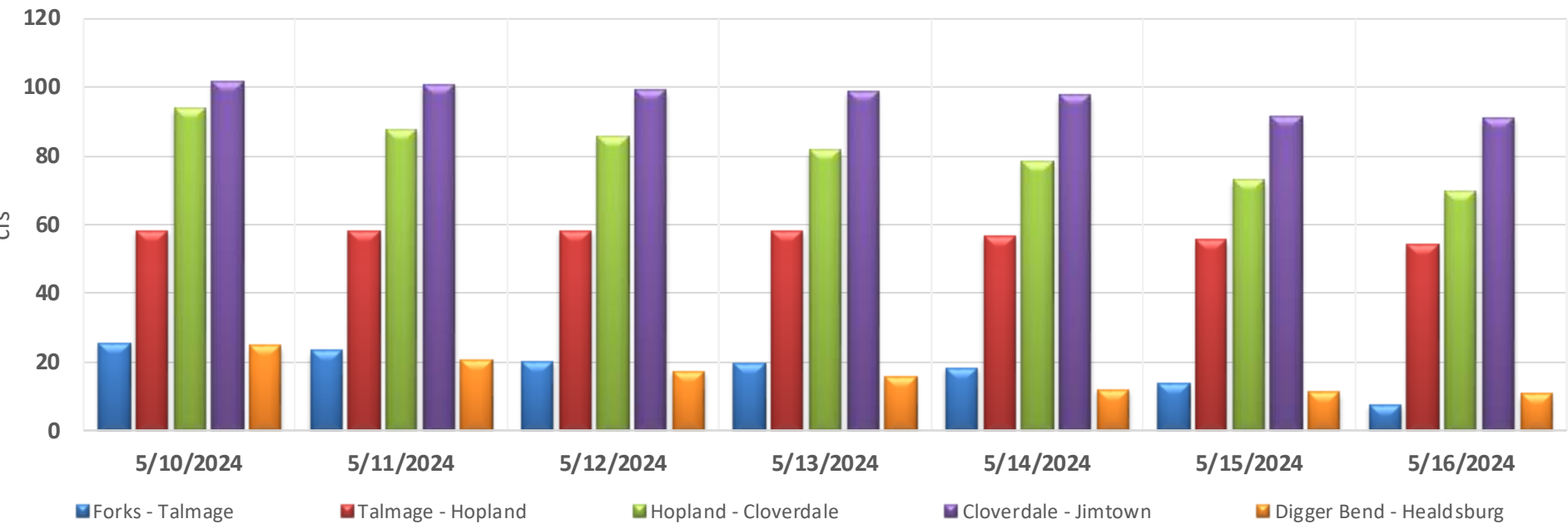
All reported values are weekly averages from the Lake Mendocino and Lake Sonoma Weekly Accounting Report.
Reach losses are calculated using estimated travel times, and are reported here as weekly averages.



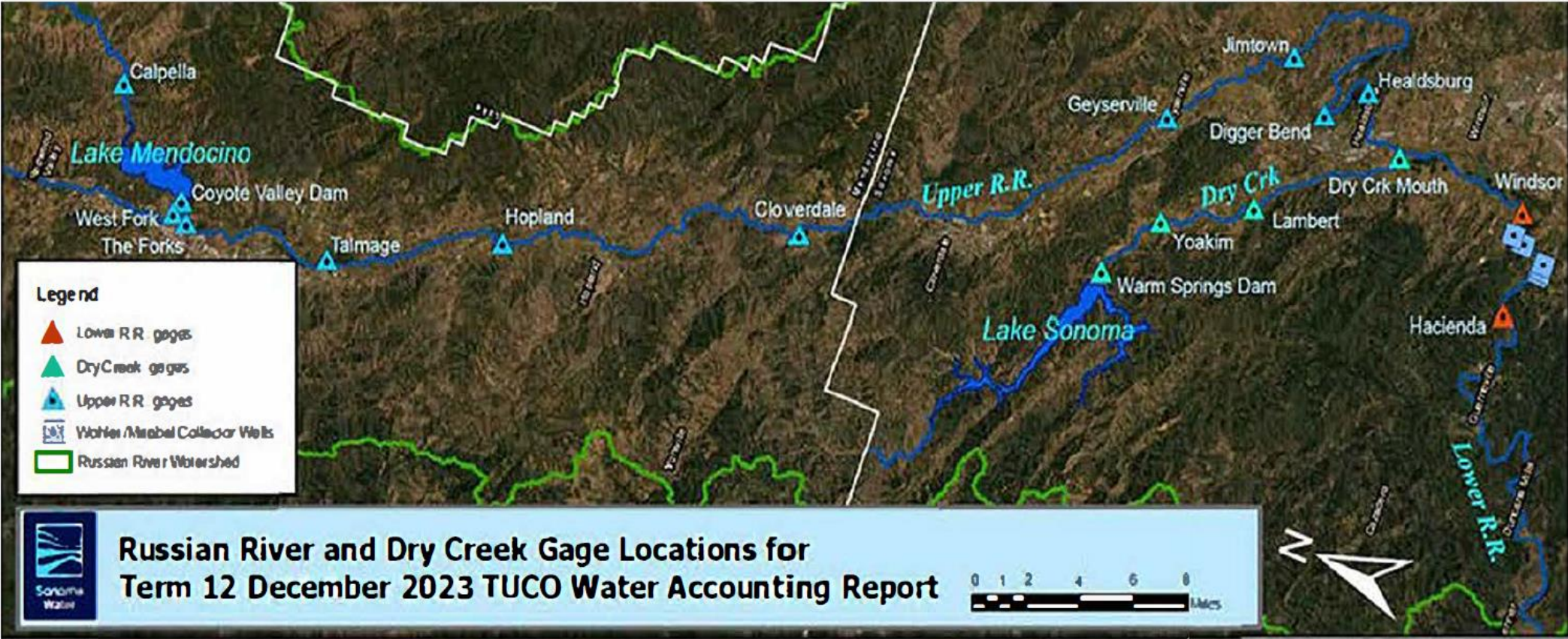
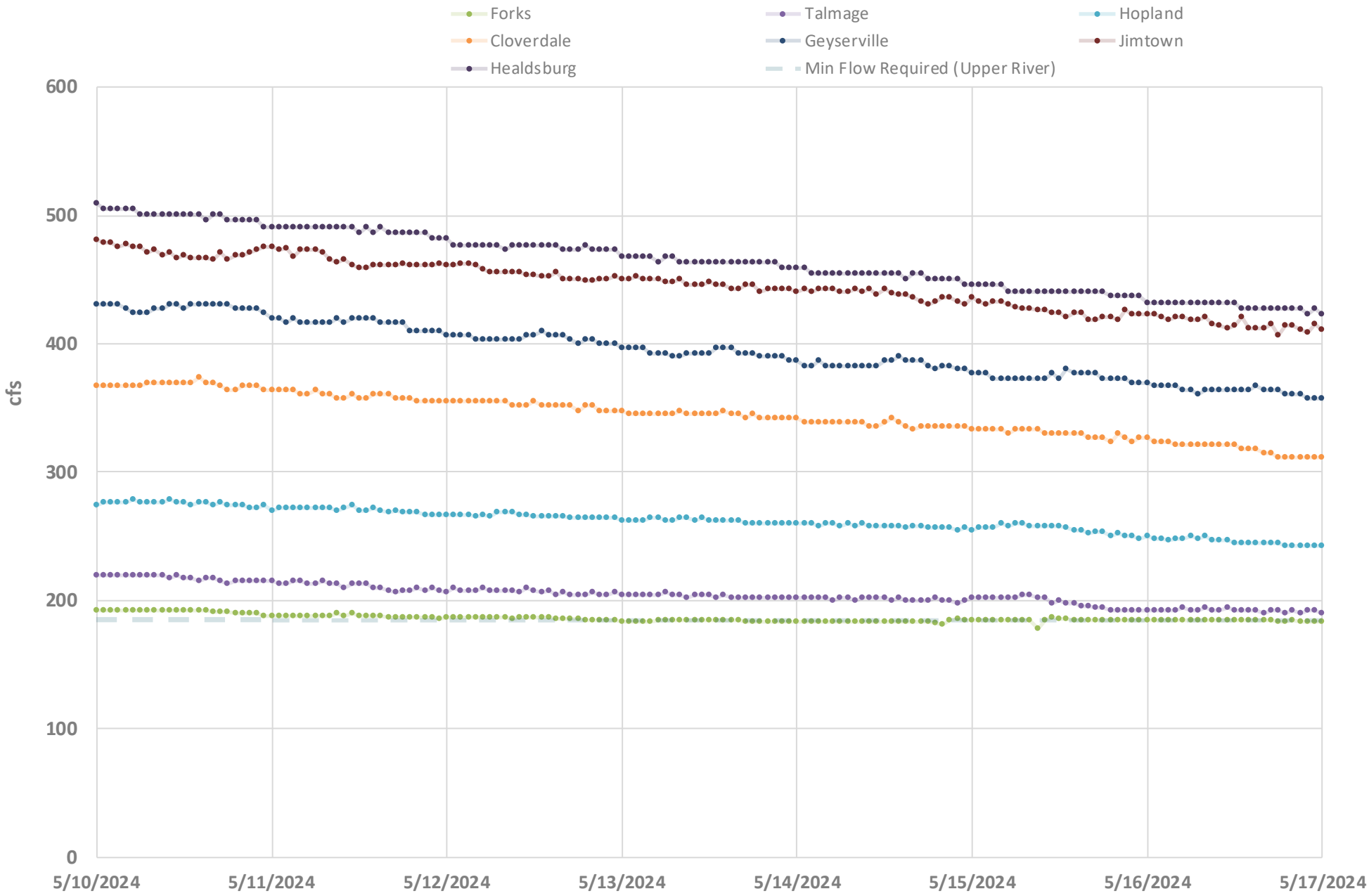
Lake Mendocino and Lake Sonoma Water Accounting Weekly Report (Term 12, Dec 2023 TUCO)

Report Date: 5/17/2024

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



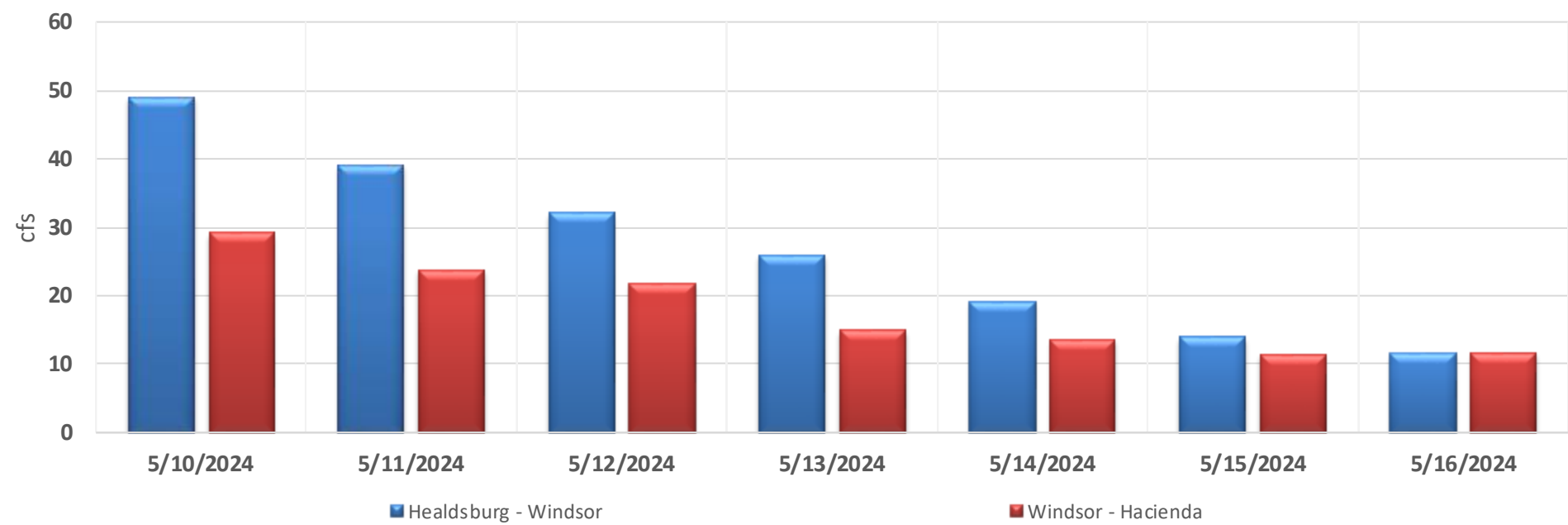
UPPER RUSSIAN RIVER STREAM FLOWS



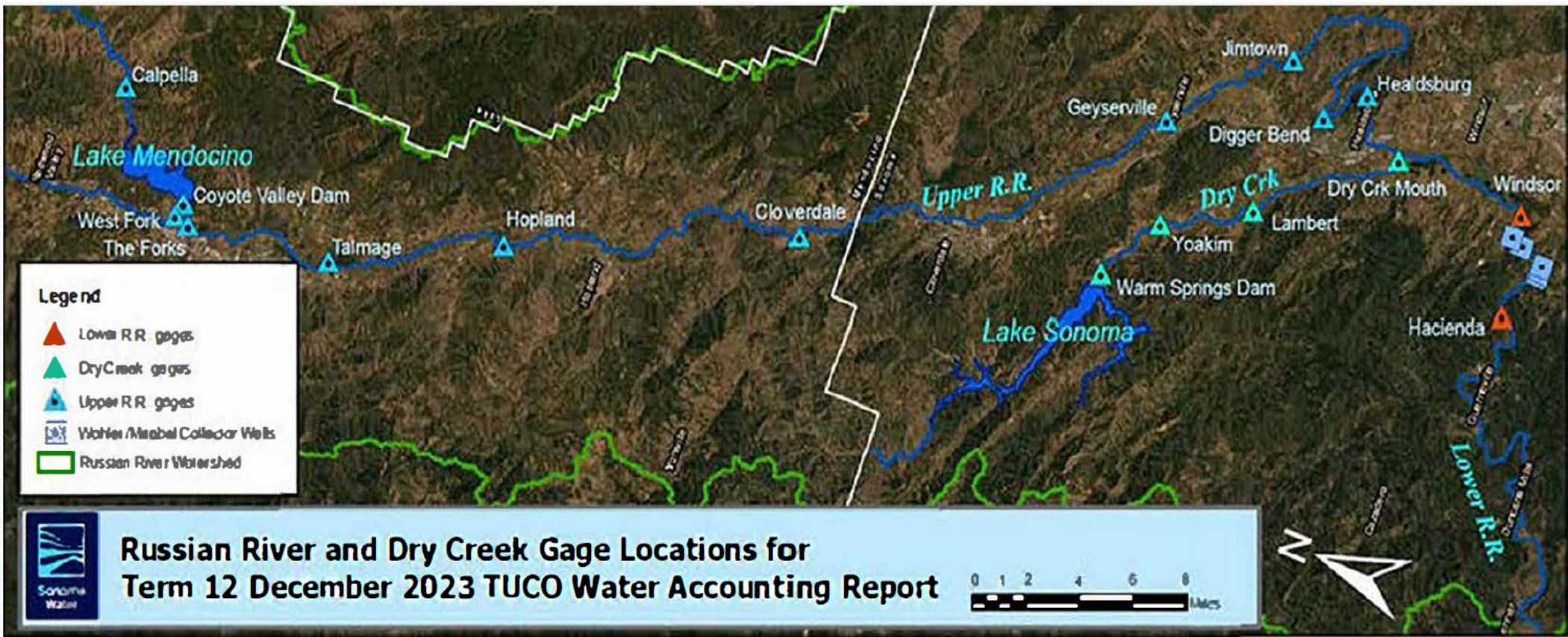
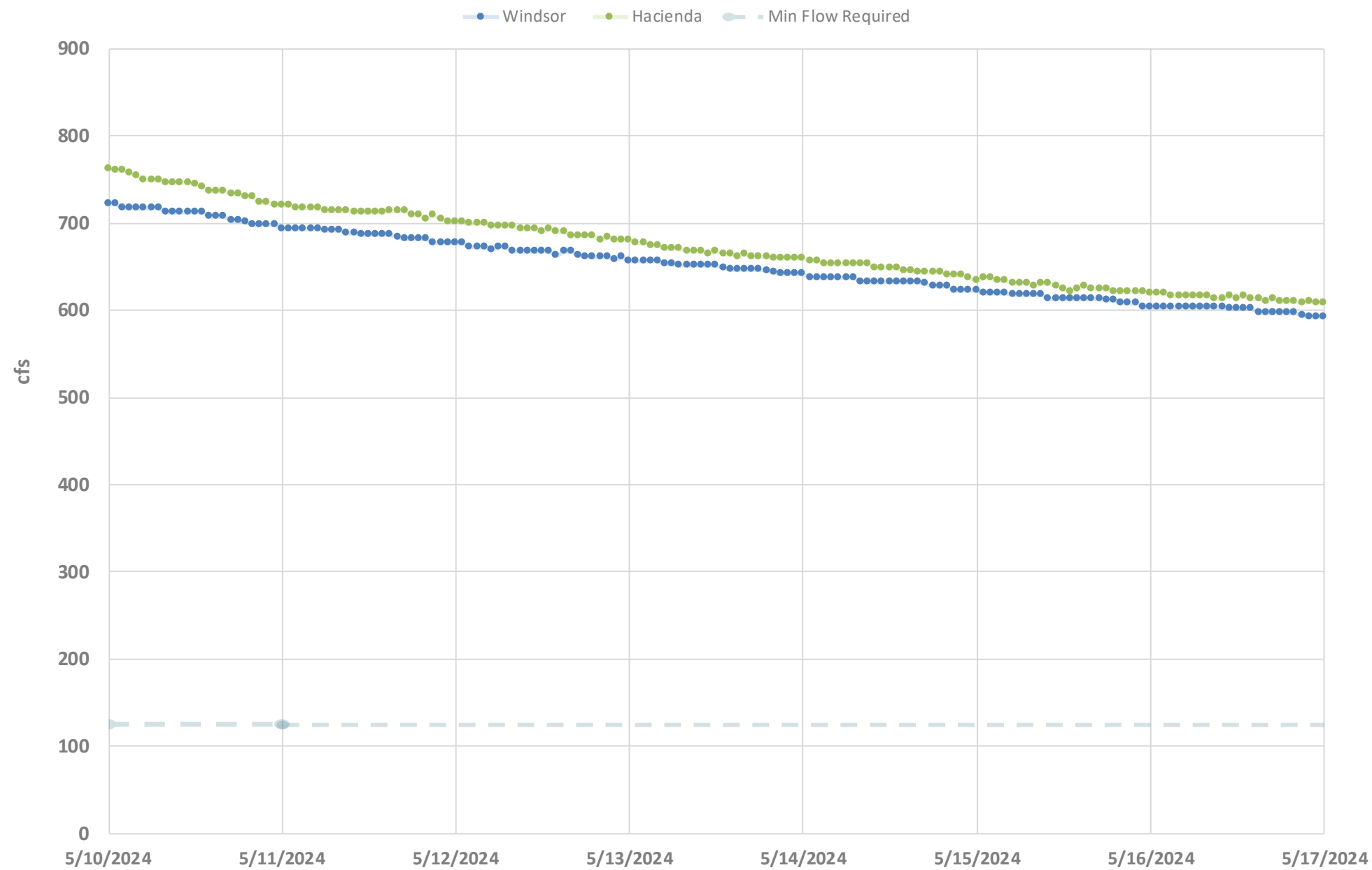
Lake Mendocino and Lake Sonoma Water Accounting Weekly Report (Term 12, Dec 2023 TUCO)

Report Date: 5/17/2024

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



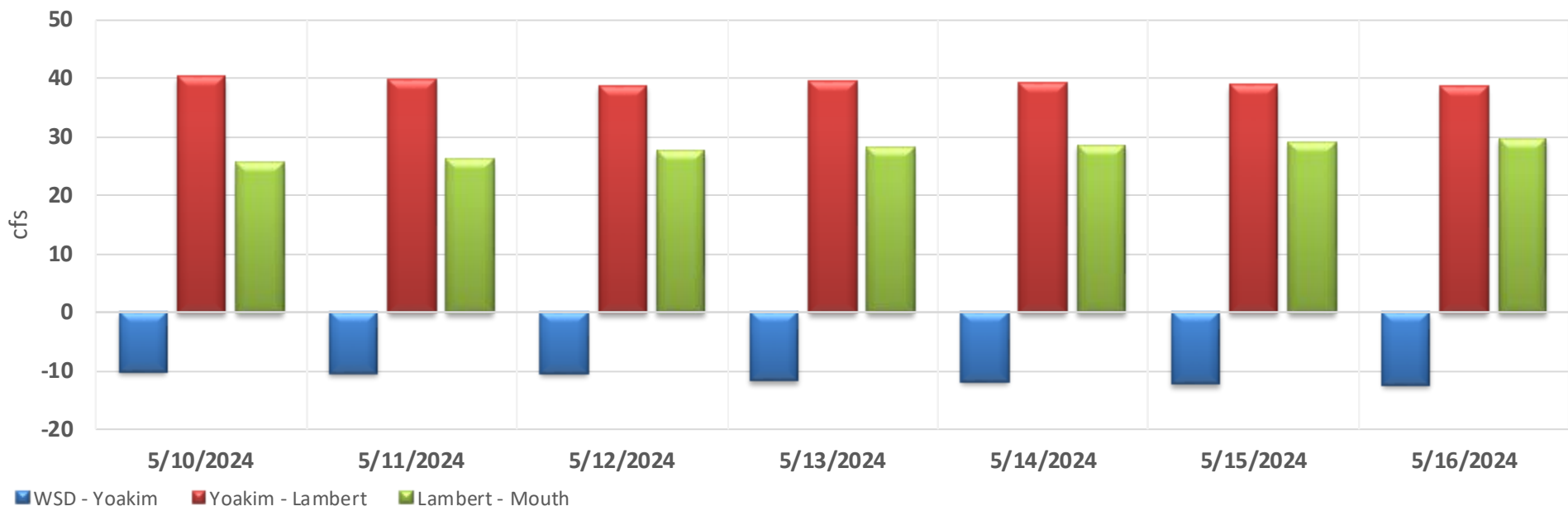
LOWER RUSSIAN RIVER STREAM FLOWS



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

Report Date: 5/17/2024

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



DRY CREEK STREAM FLOWS

