

Units are cfs unless noted otherwise

	1/5/2024	1/6/2024	1/7/2024	1/8/2024	1/9/2024	1/10/2024	1/11/2024
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	1.4	1.3	1.3	1.3	1.7	1.5
East Fork Release	45.0	45.0	45.0	45.0	45.0	44.0	45.0
PVID E Fork Diversions	3.7	3.6	3.7	3.7	3.7	3.3	3.6
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	41.4	41.3	41.3	41.3	40.7	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	136.4	165.5	147.1	116.1	151.8	328.2	316.6
Net Reach Loss(-)/Gain(+)	+90.4	+119.5	+101.1	+70.1	+105.8	+282.2	+270.6
Unimpaired Natural Flow @ Calpella (est.)	49.1	78.2	59.7	28.8	64.5	241.5	229.1
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)	283	378	287	234	364	676	615
(cfs)	143	191	144	118	184	341	310
Natural Flow	102	150	103	77	143	300	269
Import	41	41	41	41	41	41	41
Storage Change (ac-ft)	+212.0	+309.0	+213.0	+163.0	+294.0	+607.0	+542.0
(cfs)	+107	+156	+107	+82	+148	+306	+273
Stored Natural Flow (cfs)	102	150	103	77	143	300	269
Stored Import Water (cfs)	5	6	4	5	6	6	4
Evaporation (ac-ft)	5.4	3.2	5.4	3.2	4.3	0.0	4.4
RVCWD Diversion (ac-ft)	0	0	0	0	0	0	0
CVD Release Gage	33	33	34	34	33	35	35
Storage (Project Water)	0	0	0	0	0	0	0
Natural Flow	0	0	0	0	0	0	0
Import Water	33	33	34	34	33	35	35
East Fork Min Instream Flow Requirement	25	25	25	25	25	25	25
Compliance Gage	Rvr mi.						
CVD Release	99.9	33	33	34	34	33	35
CVD Project Water Release to Meet Min Flow Requirement							
Total Pass-through Water	33	33	34	34	33	35	35
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	231	231	233	174	251	542	704
Controlling Gage	Forks	Forks	Forks	Forks	Forks	Hopland	Forks
All Compliance Gages							
Rvr mi.							
Forks (CVD + USGS 11461000)	99.0	231	231	233	174	251	704
Talmage (USGS 11462080)	96.1	251	258	258	181	258	918
Hopland (USGS 11462500)	84.8	370	347	377	287	316	1,132
Cloverdale (USGS 11463000)	70.9	668	568	635	485	441	1,451
Geyserville (USGS 11463500)	54.4	1,353	1,090	1,141	909	765	1,589
Jimtown (USGS 11463682)	48.5	1,439	1,180	1,189	1,019	876	1,394
Digger Bend (USGS 11463980)	38.2	>400 cfs	>400 cfs	>400 cfs	>400 cfs	>400 cfs	>400 cfs
Healdsburg (USGS 11464000)	35.6	1,566	1,270	1,226	1,103	969	1,154
Net Reach Loss(-)/Gain(+)							
Forks - Talmage	+10	+40	+12	+2	+25	+166	+99
Talmage - Hopland	+101	+115	+92	+99	+88	+102	+26
Hopland - Cloverdale	+270	+247	+231	+184	+165	+171	+244
Cloverdale - Jimtown	+691	+617	+539	+495	+439	+388	+170
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	+3	+44	+38	+23	+62	+66	+20
Upper Russian Net Reach Loss/Gain	+1,075	+1,064	+911	+802	+780	+893	+558
CVD Project Water Release to Meet Min Flow Requirement							
Net Reach Loss(-)/Gain(+) to Controlling Gage	+0	+0	+0	+0	+0	+268	+0
Storage (Project Water)	0	0	0	0	0	0	0
Pass-through Water (Nat. + Imp.) + Natural	0	0	0	0	0	268	0
Total Pass-through Water	33	33	34	34	33	303	35
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).

		1/5/2024	1/6/2024	1/7/2024	1/8/2024	1/9/2024	1/10/2024	1/11/2024
IV. Lake Sonoma								
Lake Sonoma								
Storage Change (ac-ft)		+440.0	+543.0	+311.0	+208.0	+285.0	+234.0	+130.0
(cfs)		+222	+274	+157	+105	+144	+118	+66
Evaporation (ac-ft)		6.8	5.1	6.8	5.1	5.1	6.9	6.9
Inflow (Natural Flow)		313	356	240	187	226	201	149
WSD Release Gage		88	80	80	80	80	80	80
Storage (Project Water)		0	0	0	0	0	0	0
Natural Flow		88	80	80	80	80	80	80
V. Lower Dry Creek Reach								
Minimum Instream Flow Requirement		75	75	75	75	75	75	75
Controlling Compliance Gage								
Min Gage Flow		88	80	80	80	80	80	80
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>	88	80	80	80	80	80	80
Yoakim (USGS 11465200)	<i>11.1</i>	190	162	148	133	126	120	114
Lambert (USGS 11465240)	<i>6.8</i>	199	174	161	149	143	138	133
Dry Crk Mouth (USGS 11465350)	<i>0.1</i>	342	300	276	265	245	228	233
WSD to Russian River Confluence Reach Analysis								
Total Pass-through Water		88	80	80	80	80	80	80
Net Reach Loss(-)/Gain(+)								
WSD - Yoakim		+80	+52	+38	+23	+16	+10	+4
Yoakim - Lambert		+5	+11	+12	+15	+17	+18	+19
Lambert - Dry Crk Mouth		+137	+125	+112	+114	+102	+89	+99
WSD - Dry Crk Mouth		+222	+188	+161	+152	+134	+117	+122
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		33	33	34	34	33	35	35
Natural Flow		1,075	1,064	911	802	780	893	558
Dry Creek Flow (Mouth Gage)								
L. Sonoma Project Water		0	0	0	0	0	0	0
Natural Flow		342	300	276	265	245	228	233
Russian River d/s of Confluence Flow		1,908	1,570	1,502	1,368	1,214	1,185	1,387
L. Mendocino Project Water + Import Water		33	33	34	34	33	35	35
L. Sonoma Project Water		0	0	0	0	0	0	0
Natural Flow		1,417	1,363	1,187	1,068	1,025	1,121	790
VII. Lower Russian River Reach								
Minimum Instream Flow Requirement		85	85	85	85	85	85	85
Controlling Compliance Gage								
Min Gage Flow		2,344	1,778	1,518	1,314	1,074	969	962
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>	2,344	1,778	1,518	1,314	1,074	969	962
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		2,392	1,821	1,551	1,366	1,120	1,020	1,002
Net Reach Loss(-)/Gain(+)		+484	+252	+49	-3	-94	-164	-385
L. Mendocino Project Water + Import Water		33	33	34	34	33	35	35
L. Sonoma Project Water		0	0	0	0	0	0	0
Natural Flow		1,901	1,615	1,237	1,065	931	957	405
Confluence to Hacienda (Guerneville) Reach Analysis								
Net Reach Loss(-)/Gain(+)		+436	+208	+17	-54	-140	-215	-425
L. Mendocino Project Water + Import Water		33	33	34	34	33	35	35
L. Sonoma Project Water		0	0	0	0	0	0	0
Natural Flow		1,853	1,571	1,204	1,014	885	906	365
VIII. Water Production under Sonoma Water Water Rights (ac-ft)								
Lower Russian River								
Sonoma Water Total		95.8	87.0	64.7	102.3	92.3	101.3	79.3
Wohler		46.4	37.5	37.5	86.8	43.9	51.6	42.4
Mirabel		49.4	49.4	27.3	15.5	48.3	49.7	36.9
Town of Windsor River Wellfield		4.2	3.8	3.9	4.2	4.4	4.5	4.4
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

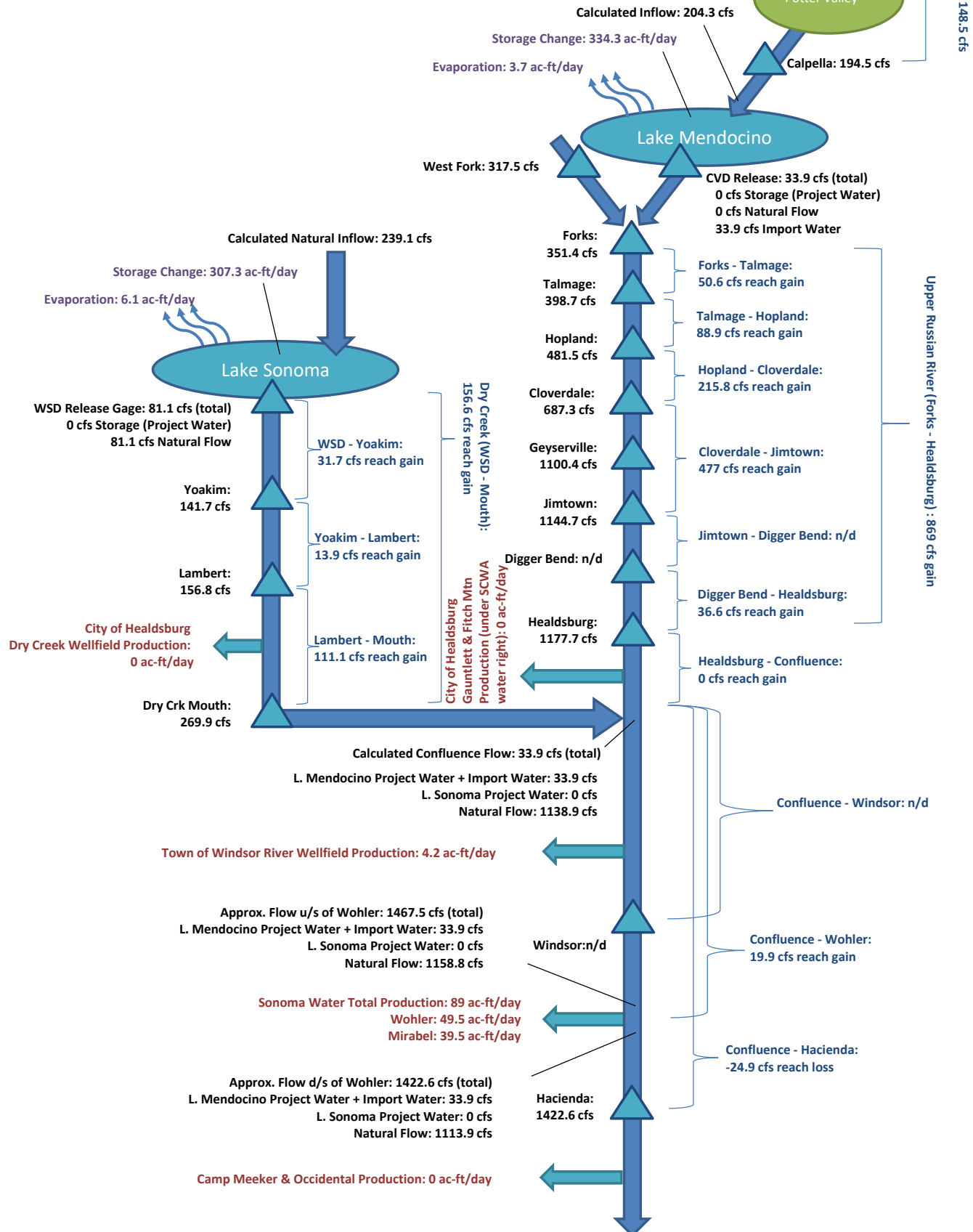
Notes:

- 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: 1/12/2024

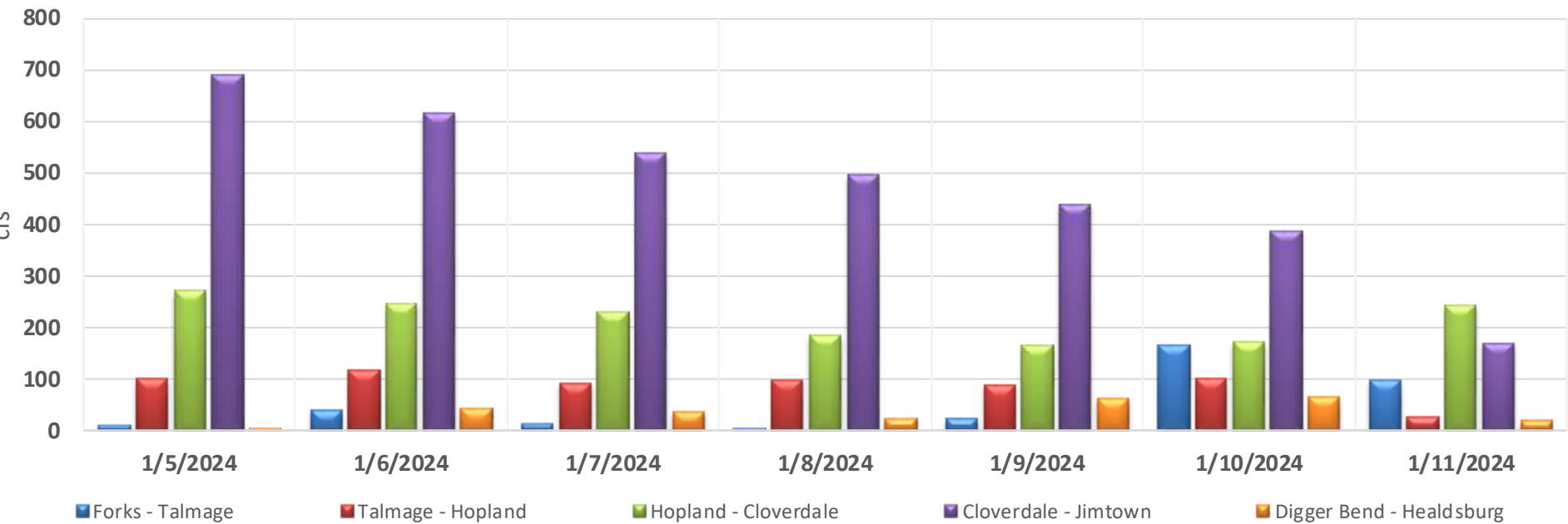
All reported values are weekly averages from the Lake Mendocino and Lake Sonoma Weekly Accounting Report.
Reach losses are calculated using estimated travel times, and are reported here as weekly averages.



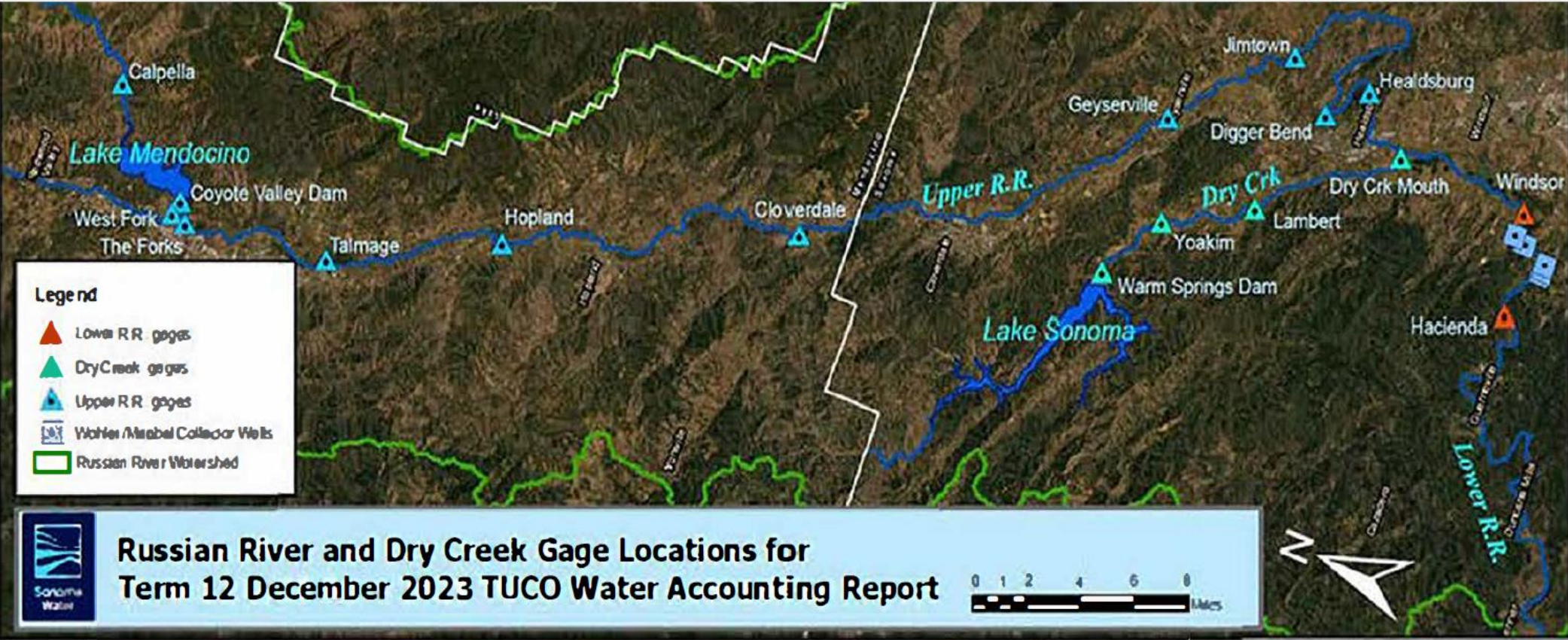
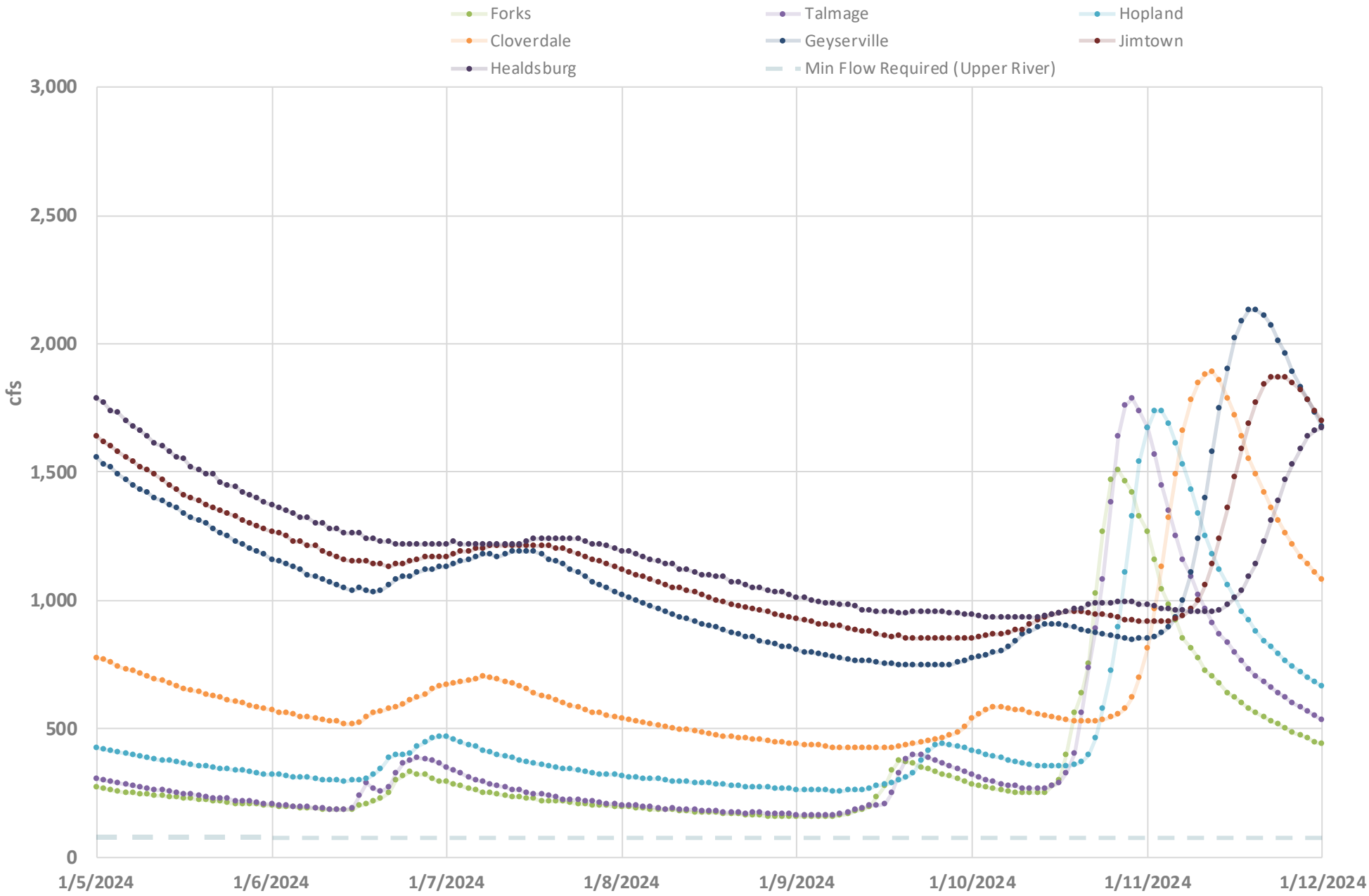
Lake Mendocino and Lake Sonoma Water Accounting Weekly Report (Term 12, Dec 2023 TUCO)

Report Date: 1/12/2024

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



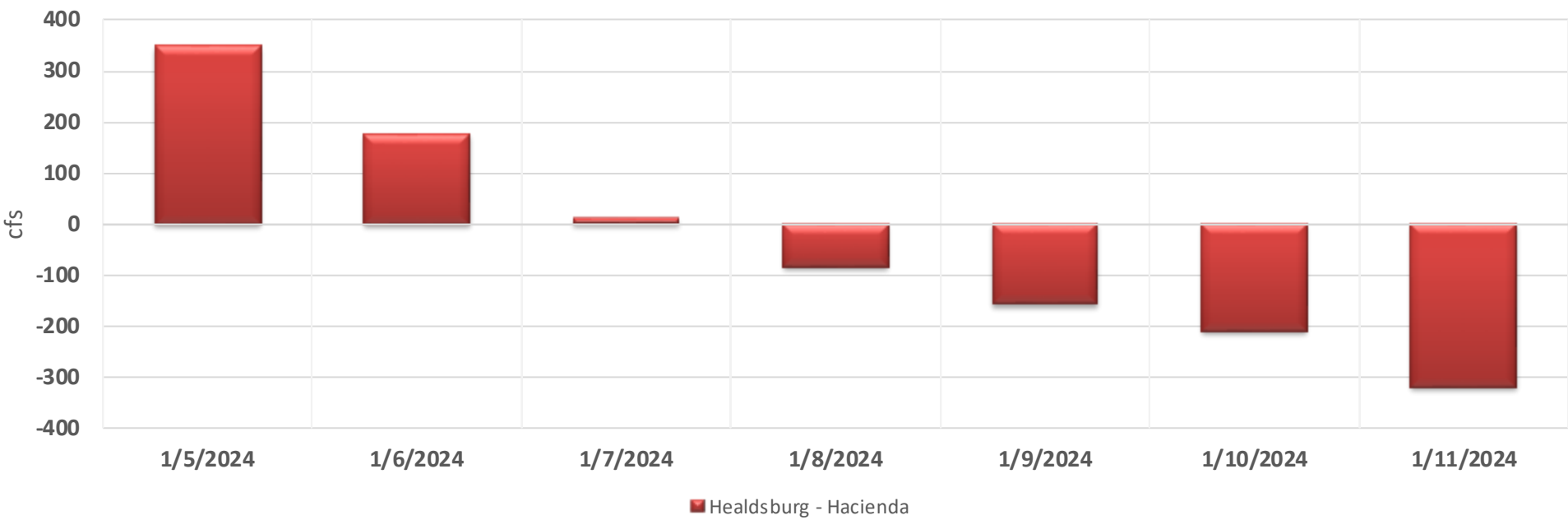
UPPER RUSSIAN RIVER STREAM FLOWS



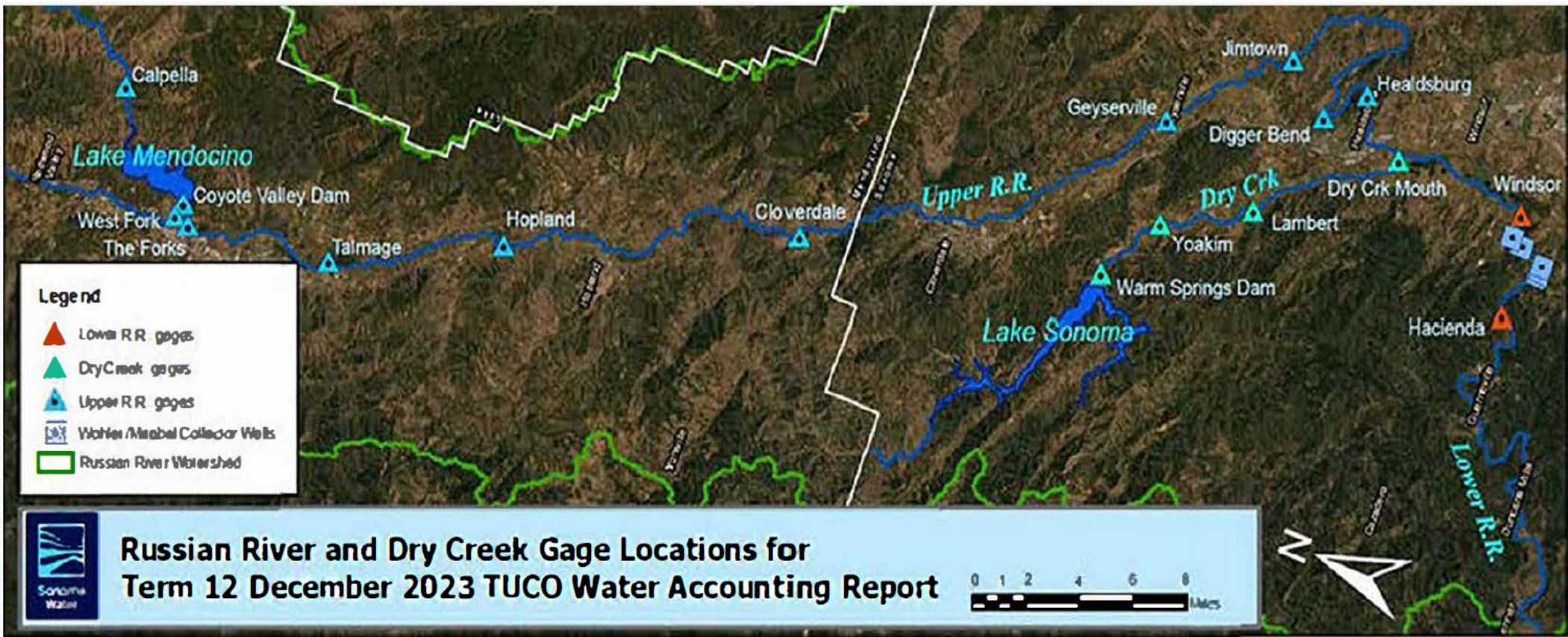
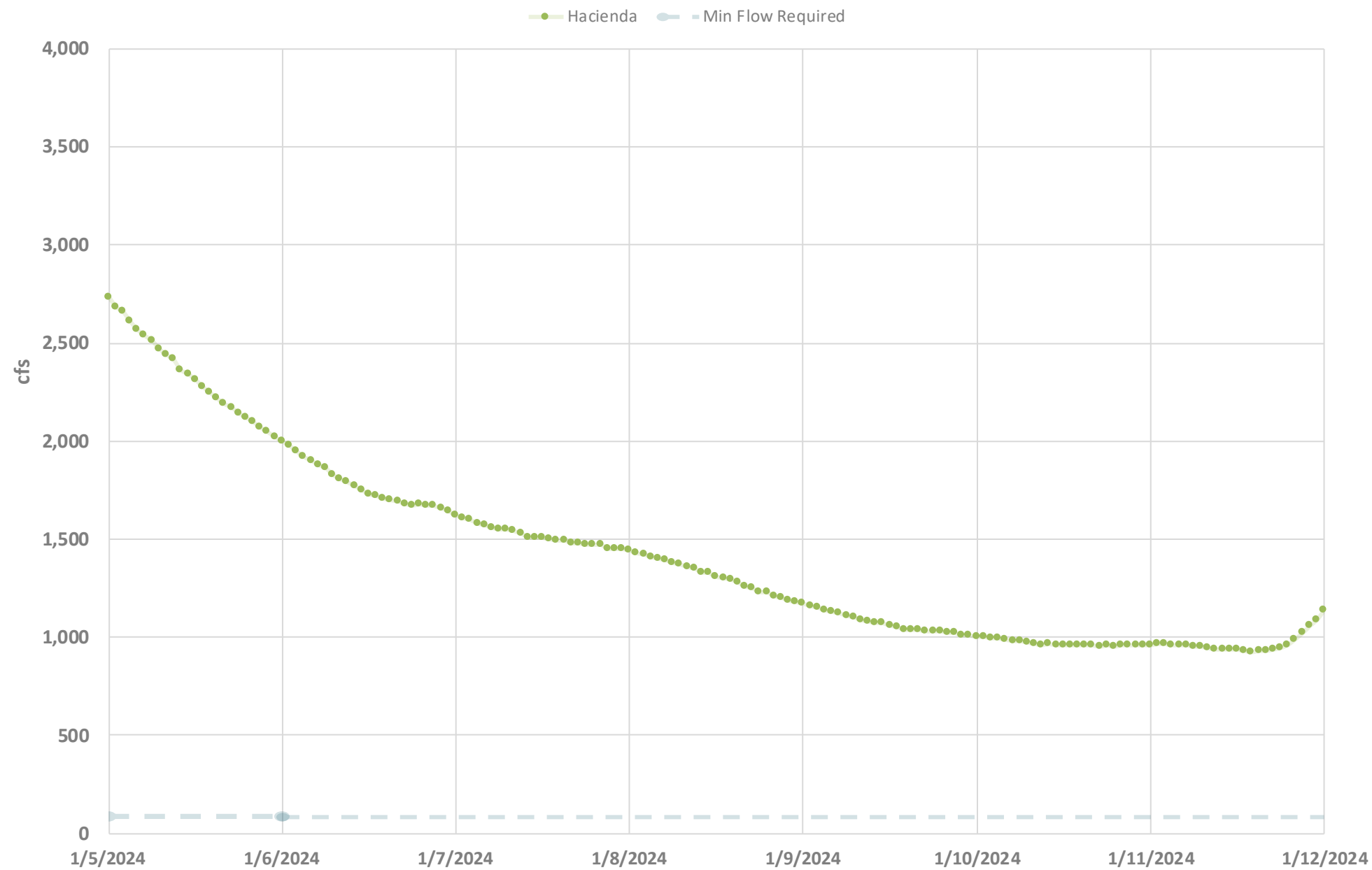
Lake Mendocino and Lake Sonoma Water Accounting Weekly Report (Term 12, Dec 2023 TUCO)

Report Date: 1/12/2024

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



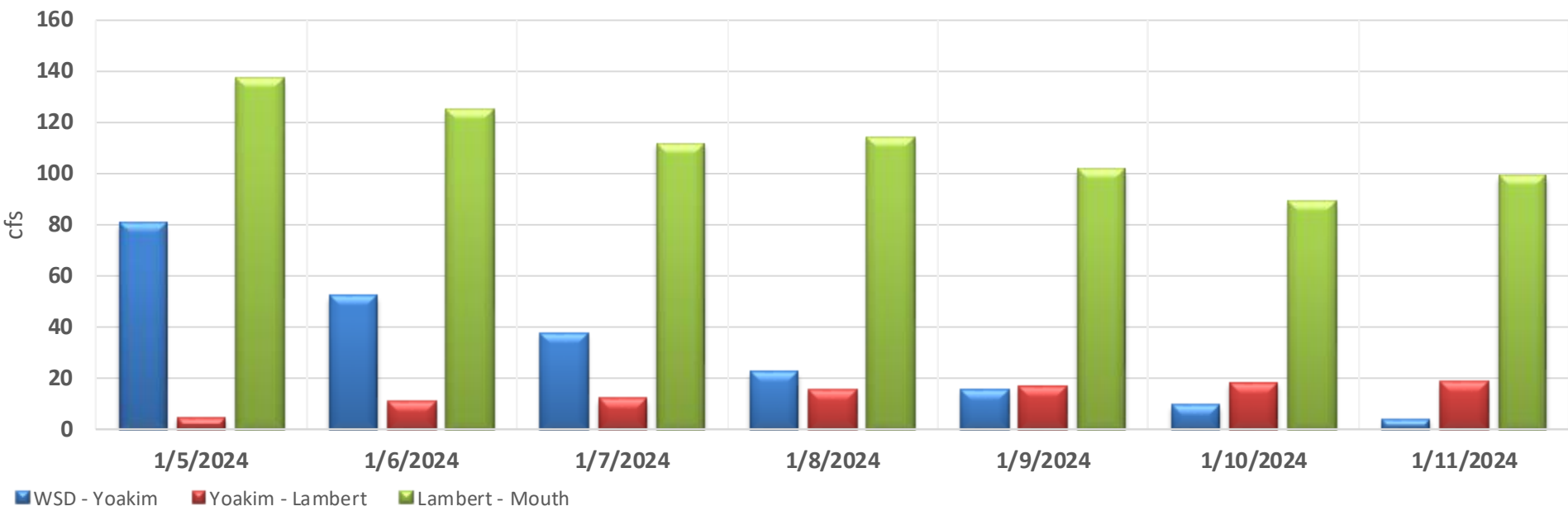
LOWER RUSSIAN RIVER STREAM FLOWS



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

Report Date: 1/12/2024

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



DRY CREEK STREAM FLOWS

