

Units are cfs unless noted otherwise

	4/19/2024	4/20/2024	4/21/2024	4/22/2024	4/23/2024	4/24/2024	4/25/2024
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	0.4	0.4	0.4	0.4	0.4	0.4	0.5
East Fork Release	90.0	90.0	90.0	90.0	90.0	90.0	90.0
PVID E Fork Diversions	4.6	4.6	4.6	4.6	4.6	4.6	4.6
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)	85.4	85.4	85.4	85.4	85.4	85.4	85.5
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	122.6	115.7	111.1	108.7	105.0	101.8	99.8
Net Reach Loss(-)/Gain(+)	+32.6	+25.7	+21.1	+18.7	+15.0	+11.8	+9.8
Unimpaired Natural Flow @ Calpella (est.)	30.9	29.1	26.5	25.4	24.7	23.9	22.9
Non-PVID East Fork Net Reach Losses (est.)	0.0	0.0	-0.4	-1.7	-4.7	-7.1	-8.0
Natural Flow	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Import	0.0	0.0	-0.4	-1.7	-4.7	-7.1	-8.0

II. Lake Mendocino

Reservoir Operations

Calculated Inflow (ac-ft)	393	377	377	336	317	321	319
(cfs)	198	190	190	169	160	162	161
Natural Flow	113	105	105	84	75	77	76
Import	85	85	85	85	85	85	85
Storage Change (ac-ft)	+107.0	+54.0	+53.0	+18.0	+18.0	+18.0	+18.0
(cfs)	+54	+27	+27	+9	+9	+9	+9
Stored Natural Flow (cfs)	54	27	27	9	9	9	9
Stored Import Water (cfs)	0	0	0	0	0	0	0
Evaporation (ac-ft)	23.0	23.0	24.0	24.0	15.0	16.0	14.0
RVCWD Diversion (ac-ft)	0	0	0	0	0	0	0
CVD Release Gage	133	151	151	148	143	145	145
Storage (Project Water)	0	0	0	0	0	0	0
Natural Flow	54	72	72	69	62	64	63
Import Water	79	79	79	79	81	81	81
East Fork Min Instream Flow Requirement	25	25	25	25	25	25	25
Compliance Gage	Rvr mi.						
CVD Release	99.9	133	151	151	148	143	145
CVD Project Water Release to Meet Min Flow Requirement							
Total Pass-through Water	133	151	151	148	143	145	144
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	208	220	215	209	201	200	198
Controlling Gage	Forks	Forks	Forks	Forks	Forks	Forks	Forks

All Compliance Gages

	Rvr mi.						
Forks	(CVD + USGS 11461000) 99.0	208	220	215	209	201	198
Talmage	(USGS 11462080) 96.1	259	267	260	255	253	239
Hopland	(USGS 11462500) 84.8	349	351	342	335	330	316
Cloverdale	(USGS 11463000) 70.9	564	549	536	524	511	490
Geyserville	(USGS 11463500) 54.4	723	695	670	650	626	594
Jimtown	(USGS 11463682) 48.5	802	784	759	736	717	683
Digger Bend	(USGS 11463980) 38.2	>400 cfs	>400 cfs	>400 cfs	>400 cfs	>400 cfs	>400 cfs
Healdsburg	(USGS 11464000) 35.6	877	846	814	786	759	722

Net Reach Loss(-)/Gain(+)

Forks - Talmage	+53	+46	+44	+45	+52	+48	+39
Talmage - Hopland	+90	+84	+82	+79	+76	+75	+74
Hopland - Cloverdale	+212	+199	+192	+187	+181	+173	+170
Cloverdale - Jimtown	+229	+230	+217	+207	+201	+197	+190
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	+63	+57	+47	+43	+37	+32	+34
Upper Russian Net Reach Loss/Gain	+648	+617	+582	+562	+547	+525	+507

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	133	151	151	148	143	145	144
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).

		4/19/2024	4/20/2024	4/21/2024	4/22/2024	4/23/2024	4/24/2024	4/25/2024
IV. Lake Sonoma								
Lake Sonoma								
Storage Change (ac-ft)		-84.0	-111.0	-112.0	-139.0	-167.0	-166.0	-139.0
(cfs)		-42	-56	-56	-70	-84	-84	-70
Evaporation (ac-ft)		21.8	31.0	31.2	31.2	10.9	18.7	23.3
Inflow (Natural Flow)		144	135	134	121	98	105	123
WSD Release Gage		175	175	175	175	177	179	181
Storage (Project Water)		31	40	41	54	79	74	58
Natural Flow		144	135	134	121	98	105	123
V. Lower Dry Creek Reach								
Minimum Instream Flow Requirement		75	75	75	75	75	75	75
Controlling Compliance Gage								
Min Gage Flow		175	175	175	175	177	171	143
Controlling Gage		WSD Release	WSD Release	WSD Release	WSD Release	WSD Release	Yoakim	Yoakim
All Compliance Gages		<i>Crk mi.</i>						
WSD Release	<i>14.3</i>	175	175	175	175	177	179	181
Yoakim (USGS 11465200)	<i>11.1</i>	179	179	178	177	183	171	143
Lambert (USGS 11465240)	<i>6.8</i>	240	237	234	232	231	230	228
Dry Crk Mouth (USGS 11465350)	<i>0.1</i>	308	305	298	297	292	291	285
WSD to Russian River Confluence Reach Analysis								
Total Pass-through Water		144	135	134	121	98	105	123
Net Reach Loss(-)/Gain(+)								
WSD - Yoakim		+4	+3	+3	+2	+6	-7	-38
Yoakim - Lambert		+61	+58	+56	+55	+48	+57	+83
Lambert - Dry Crk Mouth		+68	+67	+64	+64	+61	+61	+57
WSD - Dry Crk Mouth		+133	+129	+123	+121	+116	+110	+102
WSD Project Water Release to Meet Min Flow Requirement								
Net Reach Loss/Gain to Controlling Gage		+0	+0	+0	+0	+0	-7	-38
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		79	79	79	79	81	81	81
Natural Flow		701	689	654	631	609	589	570
Dry Creek Flow (Mouth Gage)								
L. Sonoma Project Water		31	40	41	54	79	74	58
Natural Flow		277	265	258	243	214	216	226
Russian River d/s of Confluence Flow		1,185	1,151	1,112	1,083	1,051	1,030	1,007
L. Mendocino Project Water + Import Water		79	79	79	79	81	81	81
L. Sonoma Project Water		31	40	41	54	79	74	58
Natural Flow		978	953	912	874	823	805	796
VII. Lower Russian River Reach								
Minimum Instream Flow Requirement		125	125	125	125	125	125	125
Controlling Compliance Gage								
Min Gage Flow		1,263	1,201	1,146	1,099	1,050	1,013	985
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>	1,263	1,201	1,146	1,099	1,050	1,013	985
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		1,303	1,245	1,190	1,143	1,120	1,053	1,028
Net Reach Loss(-)/Gain(+)		+118	+95	+78	+60	+69	+23	+22
L. Mendocino Project Water + Import Water		79	79	79	79	81	81	81
L. Sonoma Project Water		29	37	38	51	76	71	55
Natural Flow		1,096	1,048	990	934	892	829	818
Confluence to Hacienda (Guerneville) Reach Analysis								
Net Reach Loss(-)/Gain(+)		+77	+51	+34	+16	-0	-17	-22
L. Mendocino Project Water + Import Water		79	79	79	79	81	81	81
L. Sonoma Project Water		0	0	0	7	7	31	12
Natural Flow		1,084	1,041	983	934	892	829	818
VIII. Water Production under Sonoma Water Water Rights (ac-ft)								
Lower Russian River								
Sonoma Water Total		81.3	87.4	87.7	87.3	137.2	79.2	86.3
Wohler		33.2	38.1	39.7	38.1	72.4	30.5	36.9
Mirabel		48.1	49.3	48.0	49.2	64.8	48.7	49.4
Town of Windsor River Wellfield		5.2	6.1	6.0	6.2	5.5	5.9	5.9
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

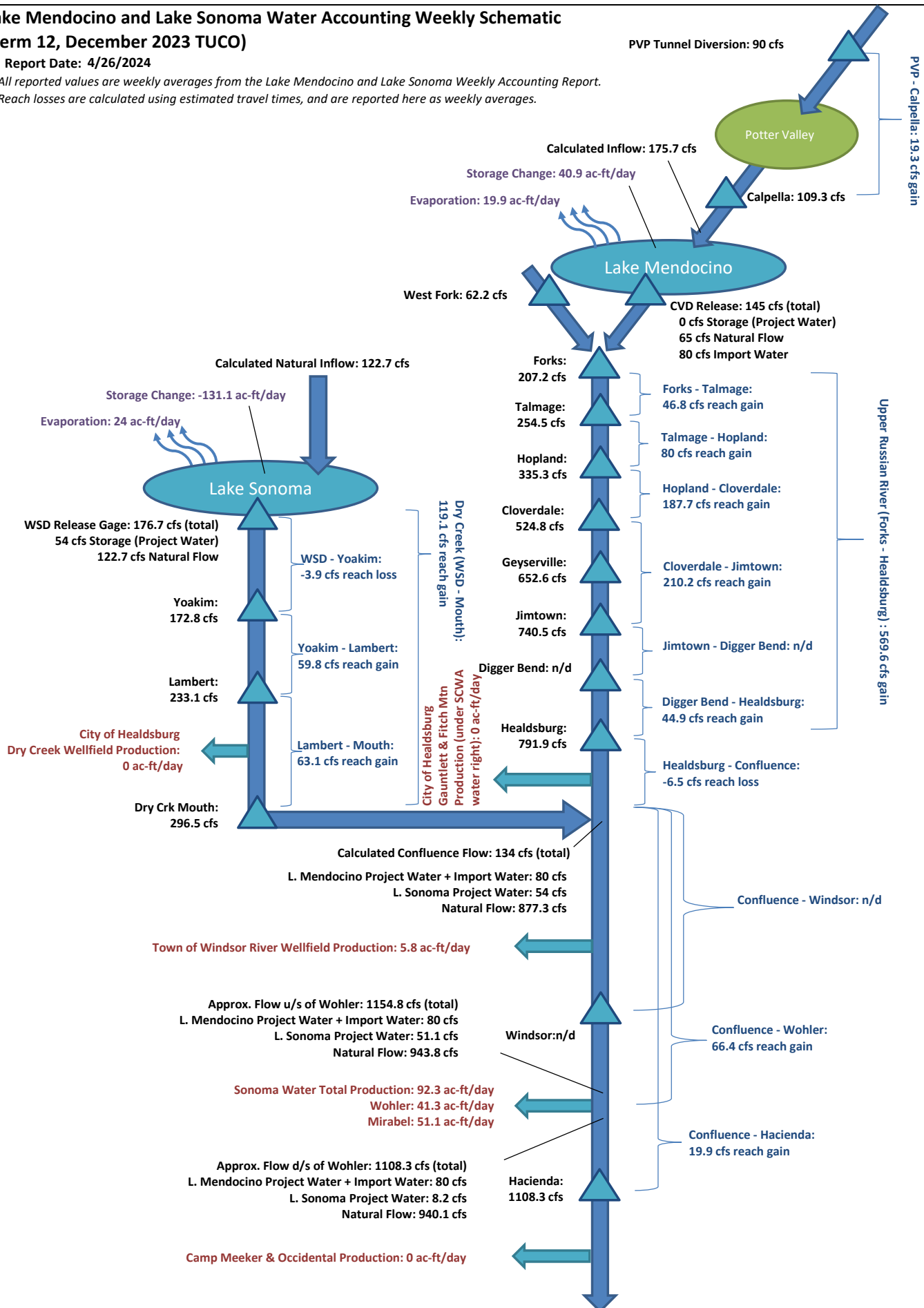
Notes:

- 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: 4/26/2024

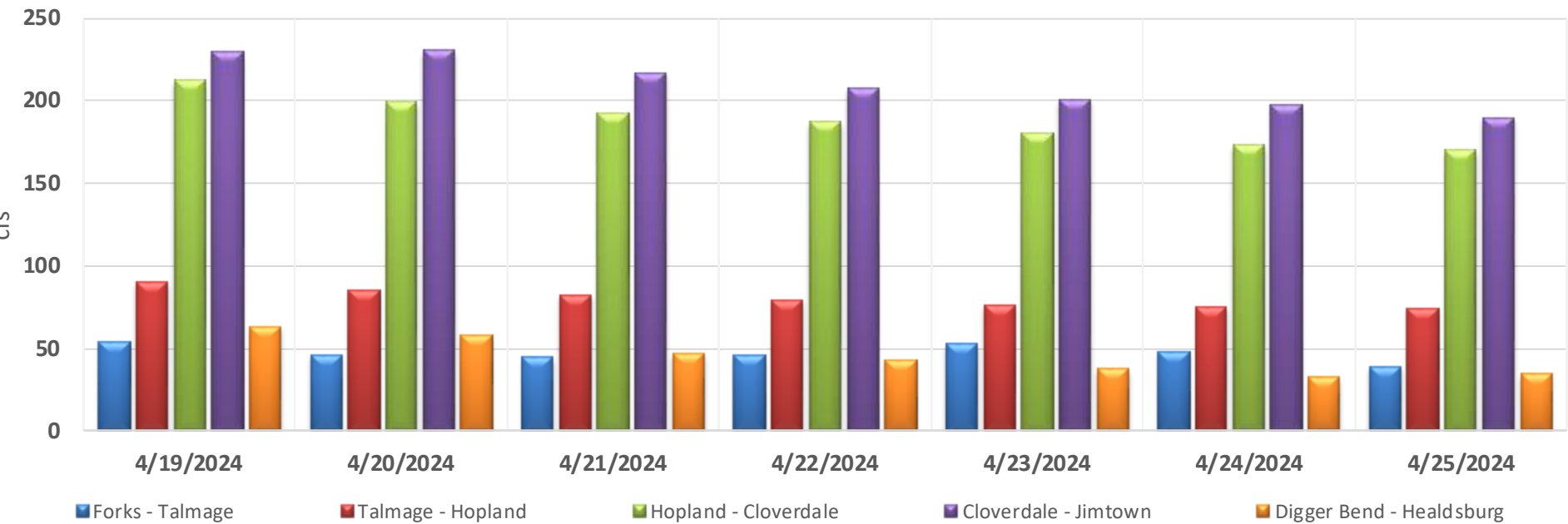
All reported values are weekly averages from the Lake Mendocino and Lake Sonoma Weekly Accounting Report.
Reach losses are calculated using estimated travel times, and are reported here as weekly averages.



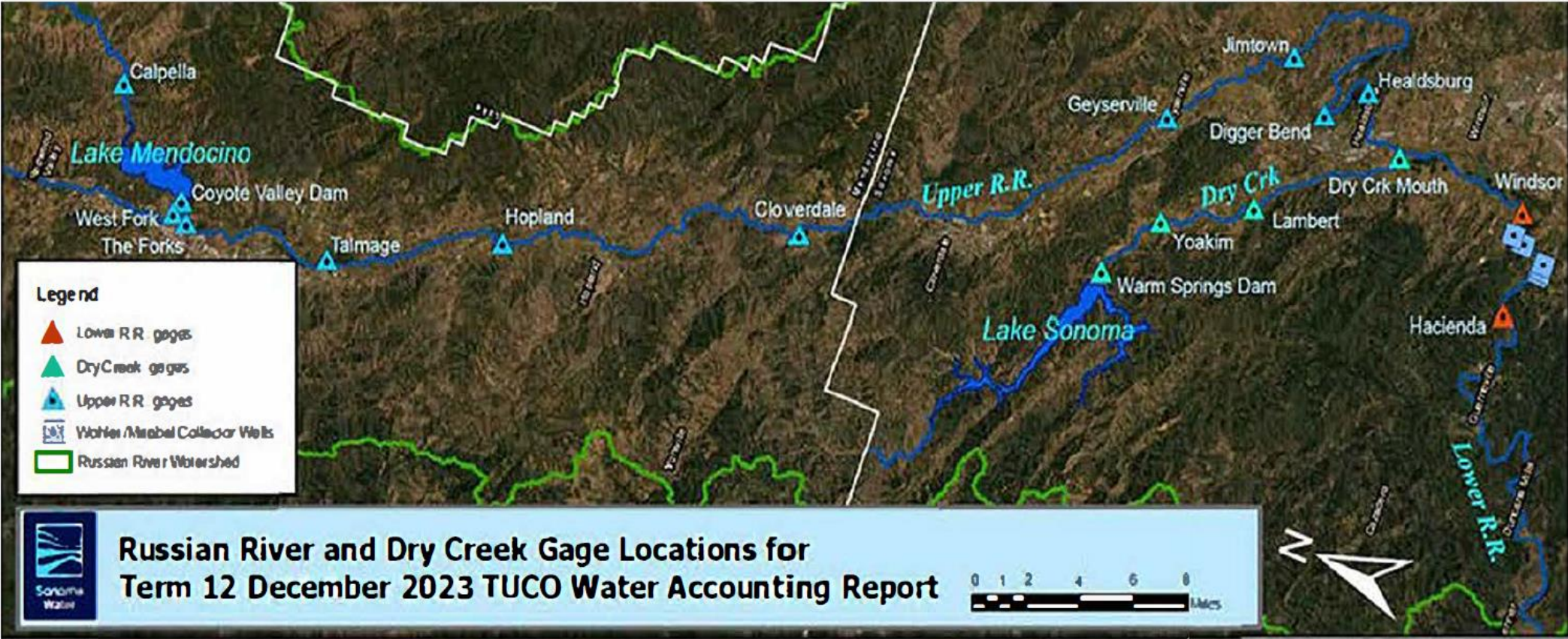
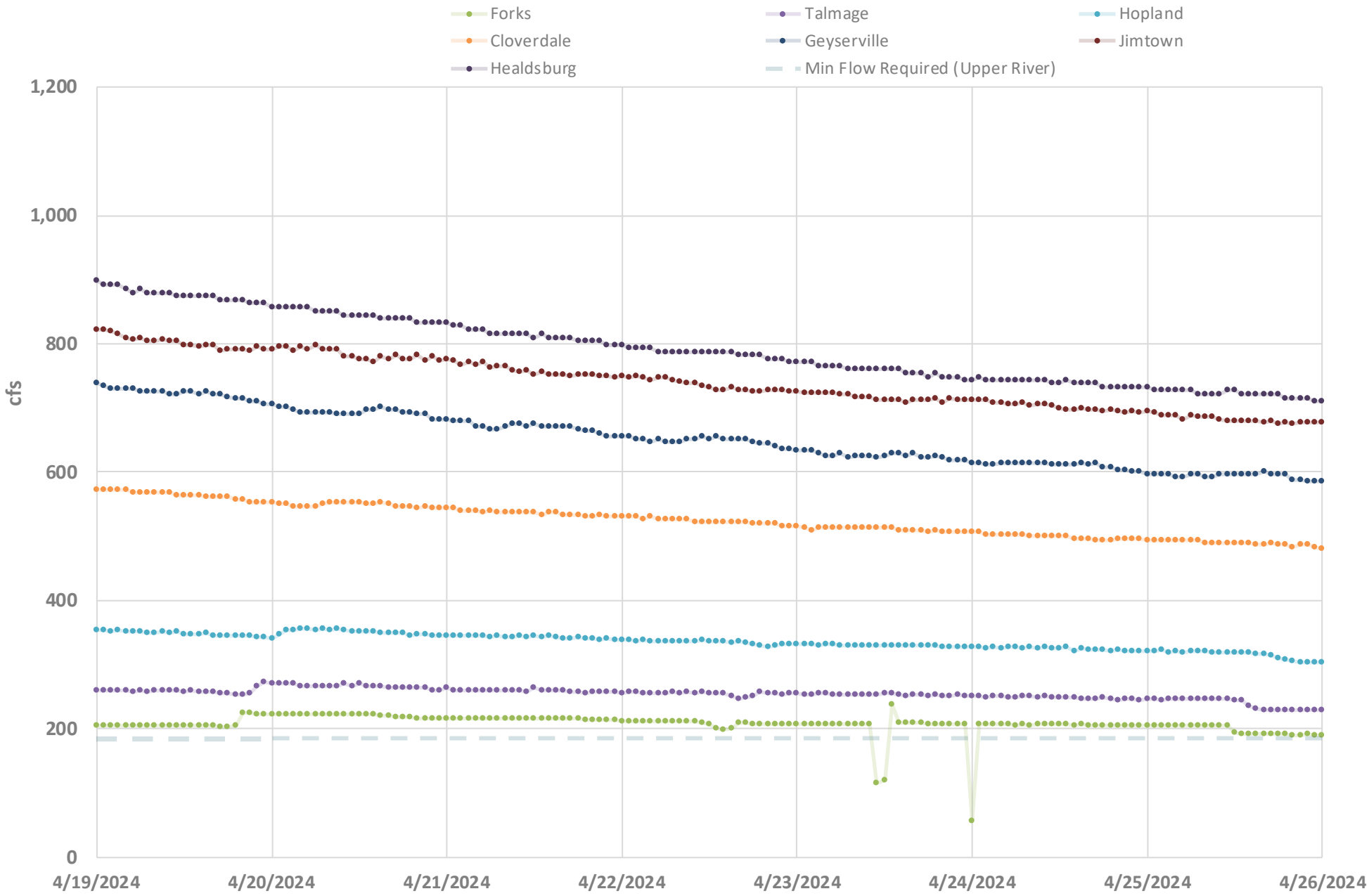
Lake Mendocino and Lake Sonoma Water Accounting Weekly Report (Term 12, Dec 2023 TUCO)

Report Date: 4/26/2024

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

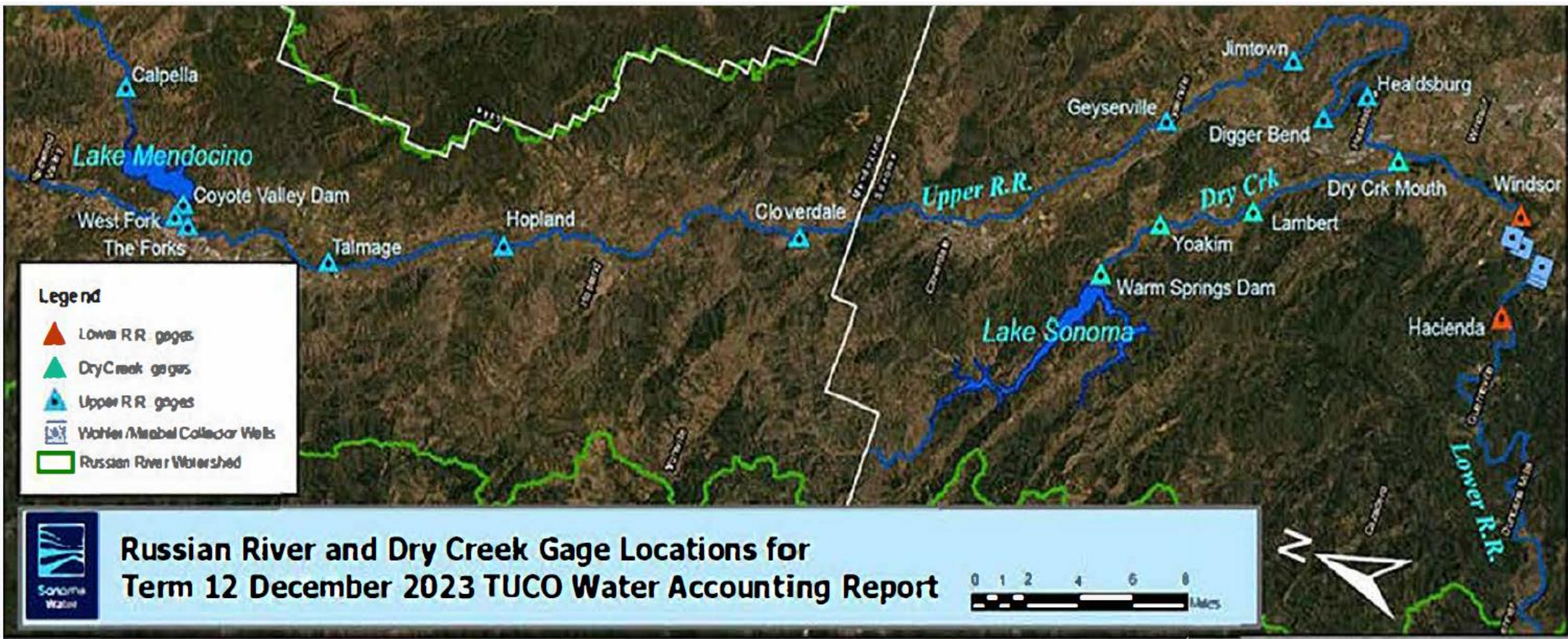
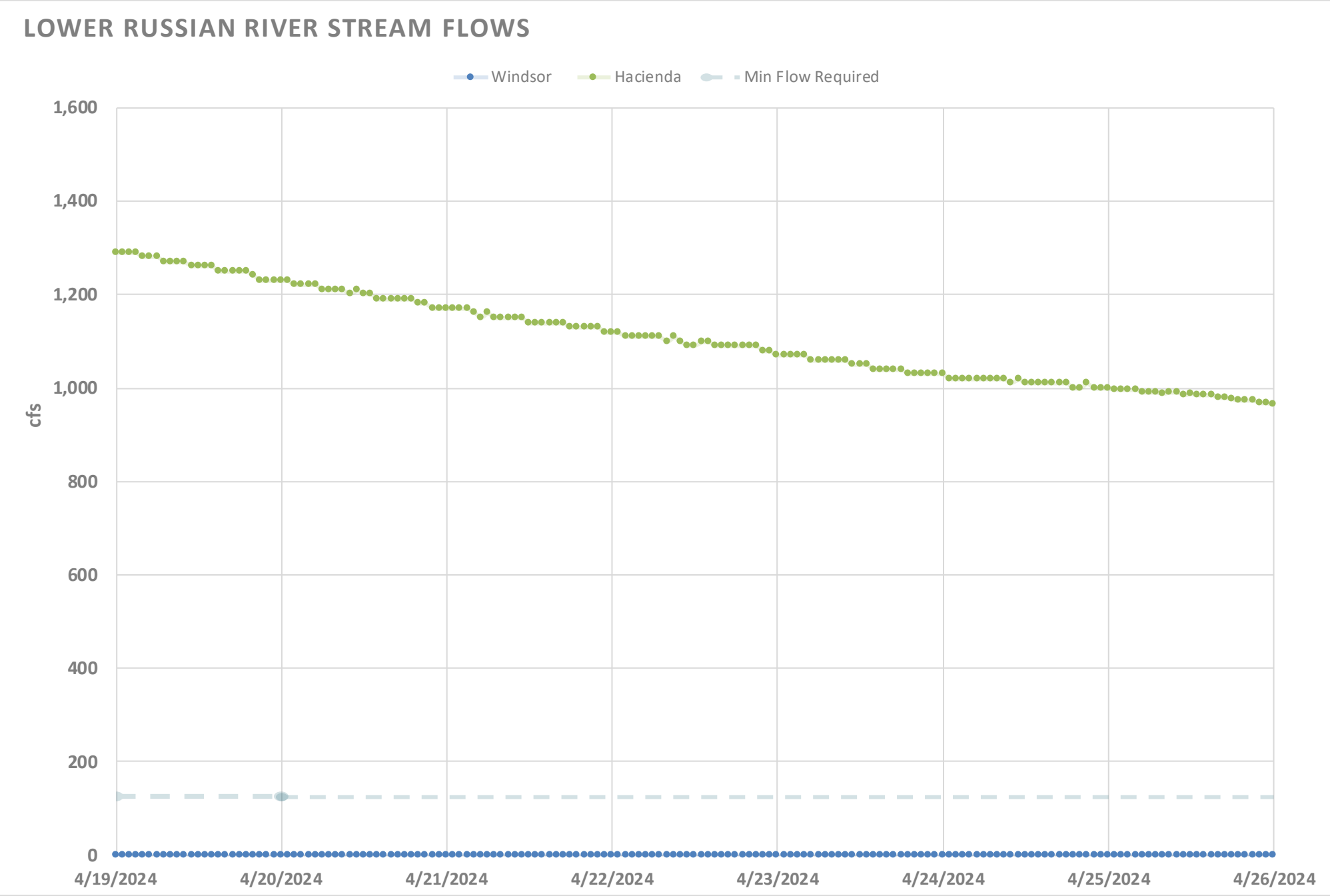
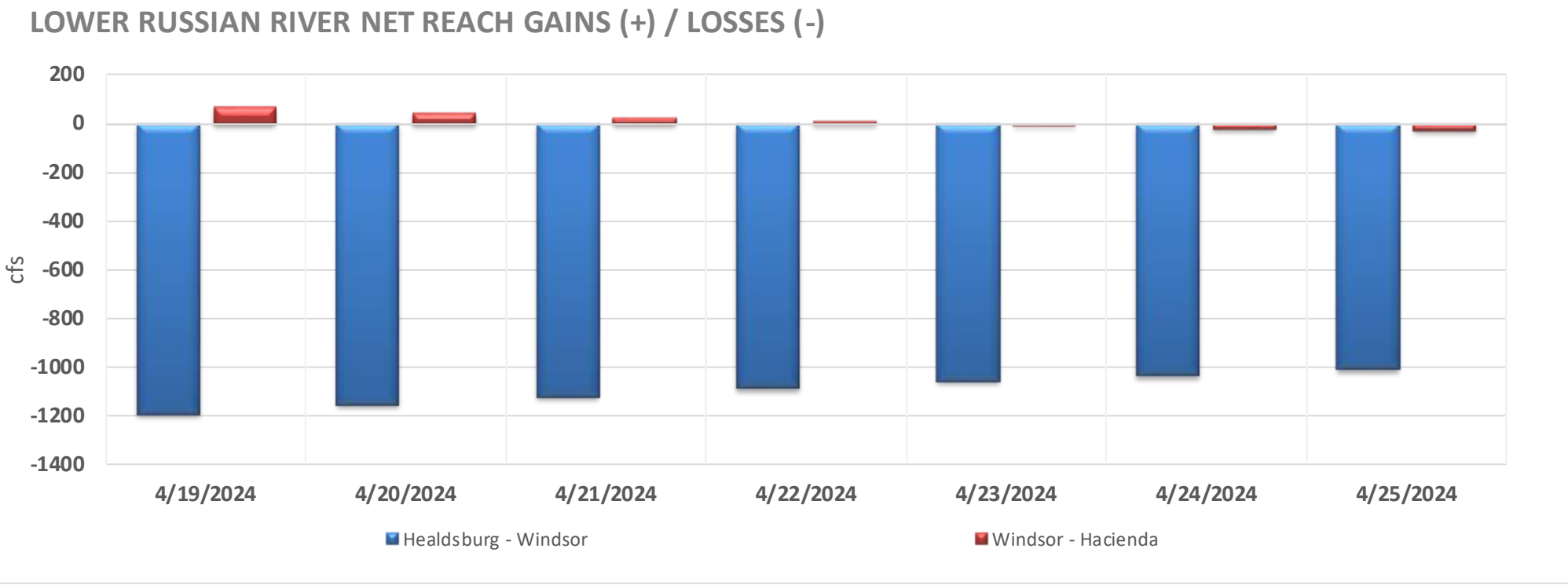


UPPER RUSSIAN RIVER STREAM FLOWS



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

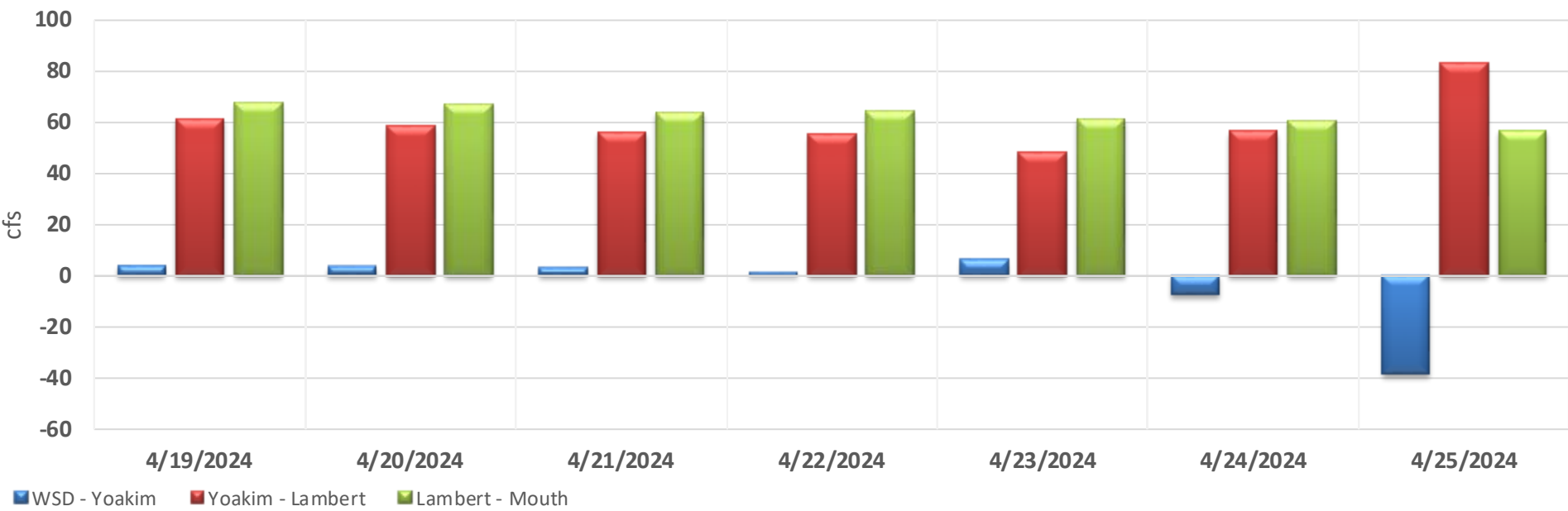
Report Date: 4/26/2024



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

Report Date: 4/26/2024

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



DRY CREEK STREAM FLOWS

