

Units are cfs unless noted otherwise

	5/31/2024	6/1/2024	6/2/2024	6/3/2024	6/4/2024	6/5/2024	6/6/2024
I. Upper East Fork Reach							
Potter Valley Project							
Tunnel Diversion	96.0	96.0	96.0	96.0	96.0	96.0	99.0
PVID Requested Delivery	16.0	16.0	16.0	16.0	16.0	16.0	18.8
PVID Canals Actual Delivery	15.5	15.6	15.7	15.6	8.7	4.6	15.0
East Fork Release	81.0	80.0	80.0	80.0	87.0	91.0	84.0
PVID E Fork Diversions	0.5	0.4	0.4	0.4	7.4	11.4	3.8
PVID Water Use - PG&E Contract	16.0	16.0	16.0	16.0	16.0	16.0	18.8
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)	80.5	79.6	79.7	79.6	79.7	79.6	80.2
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	86.9	91.4	95.2	89.7	96.0	94.1	86.6
Net Reach Loss(-)/Gain(+)	-9.1	-4.6	-0.8	-6.3	-0.0	-1.9	-12.4
Unimpaired Natural Flow @ Calpella (est.)	6.4	5.7	5.3	5.3	5.3	5.3	5.3
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)	232	127	192	207	200	200	173
(cfs)	117	64	97	104	101	101	87
Natural Flow	37	0	17	24	21	21	7
Import	80	64	80	80	80	80	80
Storage Change (ac-ft)	-160.0	-267.0	-196.0	-178.0	-195.0	-196.0	-231.0
(cfs)	-81	-135	-99	-90	-98	-99	-116
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)	32.1	29.9	28.9	22.4	33.1	34.2	34.2
RVCWD Diversion (ac-ft)	0	0	0	0	0	0	0
CVD Release Gage	182	184	181	183	182	182	187
Storage (Project Water)	64	120	84	78	82	82	99
Natural Flow	37	0	17	24	21	21	7
Import Water	80	64	80	80	80	80	80

East Fork Min Instream Flow Requirement	25	25	25	25	25	25	25
Compliance Gage	Rvr mi.						
CVD Release	99.9	182	184	181	183	182	187
CVD Project Water Release to Meet Min Flow Requirement							
Total Pass-through Water		117	64	97	104	101	87
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	125
Controlling Compliance Gage								
Min Gage Flow		190	191	187	189	189	188	192
Controlling Gage		Forks	Forks	Forks	Forks	Forks	Forks	Forks
All Compliance Gages		Rvr mi.						
Forks	(CVD + USGS 11461000)	99.0	190	191	187	189	189	192
Talmage	(USGS 11462080)	96.1	200	198	196	198	197	198
Hopland	(USGS 11462500)	84.8	243	242	238	239	235	236
Cloverdale	(USGS 11463000)	70.9	285	281	278	276	272	262
Geyserville	(USGS 11463500)	54.4	289	282	279	275	270	262
Jimtown	(USGS 11463682)	48.5	332	327	323	321	317	307
Digger Bend	(USGS 11463980)	38.2	335	328	322	317	312	306
Healdsburg	(USGS 11464000)	35.6	342	336	325	319	314	304
Net Reach Loss(-)/Gain(+)								
Forks - Talmage			+10	+7	+8	+9	+8	+7
Talmage - Hopland			+42	+43	+43	+41	+37	+37
Hopland - Cloverdale			+41	+39	+40	+37	+35	+29
Cloverdale - Jimtown			+48	+45	+42	+44	+41	+40
Jimtown - Digger Bend			+2	+0	-2	-4	-5	-3
Digger Bend - Healdsburg	*when Digger Bend > 400 cfs, next u/s gage (Jimtown) used		+6	+6	+3	+1	+1	-2
Upper Russian Net Reach Loss/Gain			+148	+140	+134	+128	+117	+109
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			117	64	97	104	101	101
Project Water Release Required			Yes	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).

		5/31/2024	6/1/2024	6/2/2024	6/3/2024	6/4/2024	6/5/2024	6/6/2024
IV. Lake Sonoma								
Lake Sonoma								
Storage Change (ac-ft)		-192.0	-165.0	-247.0	-219.0	-165.0	-219.0	-191.0
(cfs)		-97	-83	-125	-110	-83	-110	-96
Evaporation (ac-ft)		43.0	46.1	46.1	42.8	51.0	52.6	46.0
Inflow (Natural Flow)		23	37	0	8	40	13	24
WSD Release Gage		98	97	97	97	97	97	97
Storage (Project Water)		75	60	97	89	57	84	73
Natural Flow		23	37	0	8	40	13	24
V. Lower Dry Creek Reach								
Minimum Instream Flow Requirement		80	80	80	80	80	80	80
Controlling Compliance Gage								
Min Gage Flow		98	97	97	97	97	97	97
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>	98	97	97	97	97	97	97
Yoakim (USGS 11465200)	<i>11.1</i>	111	111	112	112	112	111	111
Lambert (USGS 11465240)	<i>6.8</i>	119	119	119	118	117	116	116
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		23	37	0	8	40	13	24
Net Reach Loss(-)/Gain(+)								
WSD - Yoakim		+10	+10	+11	+11	+11	+10	+9
Yoakim - Lambert		+8	+8	+7	+6	+5	+6	+6
Lambert - Dry Crk Mouth		+38	+38	+38	+38	+40	+41	+41
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		+0	+0	+0	+0	+0	+0	+0
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		144	184	164	158	162	162	179
Natural Flow		185	140	151	152	137	130	111
Dry Creek Flow (Mouth Gage)								
L. Sonoma Project Water		75	60	97	89	57	84	73
Natural Flow		82	97	60	68	100	73	84
Russian River d/s of Confluence Flow		499	493	482	476	471	461	452
L. Mendocino Project Water + Import Water		144	184	164	158	162	162	179
L. Sonoma Project Water		75	60	97	89	57	84	73
Natural Flow		267	237	211	220	237	203	194
VII. Lower Russian River Reach								
Minimum Instream Flow Requirement		125	125	125	125	125	125	70
Controlling Compliance Gage								
Min Gage Flow		438	429	419	411	399	389	369
Controlling Gage		Hacienda	Hacienda	Hacienda	Hacienda	Hacienda	Hacienda	Hacienda
All Compliance Gages		<i>Rvr mi.</i>						
Windsor (USGS 11465390)	<i>26.6</i>	444	436	426	419	410	399	390
Hacienda (USGS 11467000)	<i>21.8</i>	438	429	419	411	399	389	369
Confluence to Windsor Reach Analysis								
Net Reach Loss/Gain to Windsor Gage		-55	-57	-59	-59	-62	-65	-65
L. Mendocino Project Water + Import Water		144	184	164	158	162	162	179
L. Sonoma Project Water		69	55	92	84	52	79	68
Natural Flow		212	180	152	162	175	138	130
Confluence to SCWA Wohler Production Facility Reach Analysis								
Approx. Flow u/s of Wohler		518	504	491	509	461	493	456
Net Reach Loss(-)/Gain(+)		+19	+11	+9	+34	-10	+32	+4
L. Mendocino Project Water + Import Water		144	184	164	158	162	162	179
L. Sonoma Project Water		69	55	92	84	52	79	68
Natural Flow		286	249	219	254	227	234	198
Confluence to Hacienda (Guerneville) Reach Analysis								
Net Reach Loss(-)/Gain(+)		-61	-63	-63	-65	-72	-72	-83
L. Mendocino Project Water + Import Water		144	184	164	158	162	162	179
L. Sonoma Project Water		0	0	20	0	0	0	0
Natural Flow		275	228	219	239	217	209	180
VIII. Water Production under Sonoma Water Water Rights (ac-ft)								
Lower Russian River								
Sonoma Water Total		158.2	148.6	142.5	195.4	123.1	205.9	171.9
Wohler		65.9	78.5	75.4	79.6	49.9	96.0	75.2
Mirabel		92.3	70.2	67.2	115.8	73.2	109.9	96.6
Town of Windsor River Wellfield		11.6	10.1	10.9	10.0	10.1	10.7	9.8
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

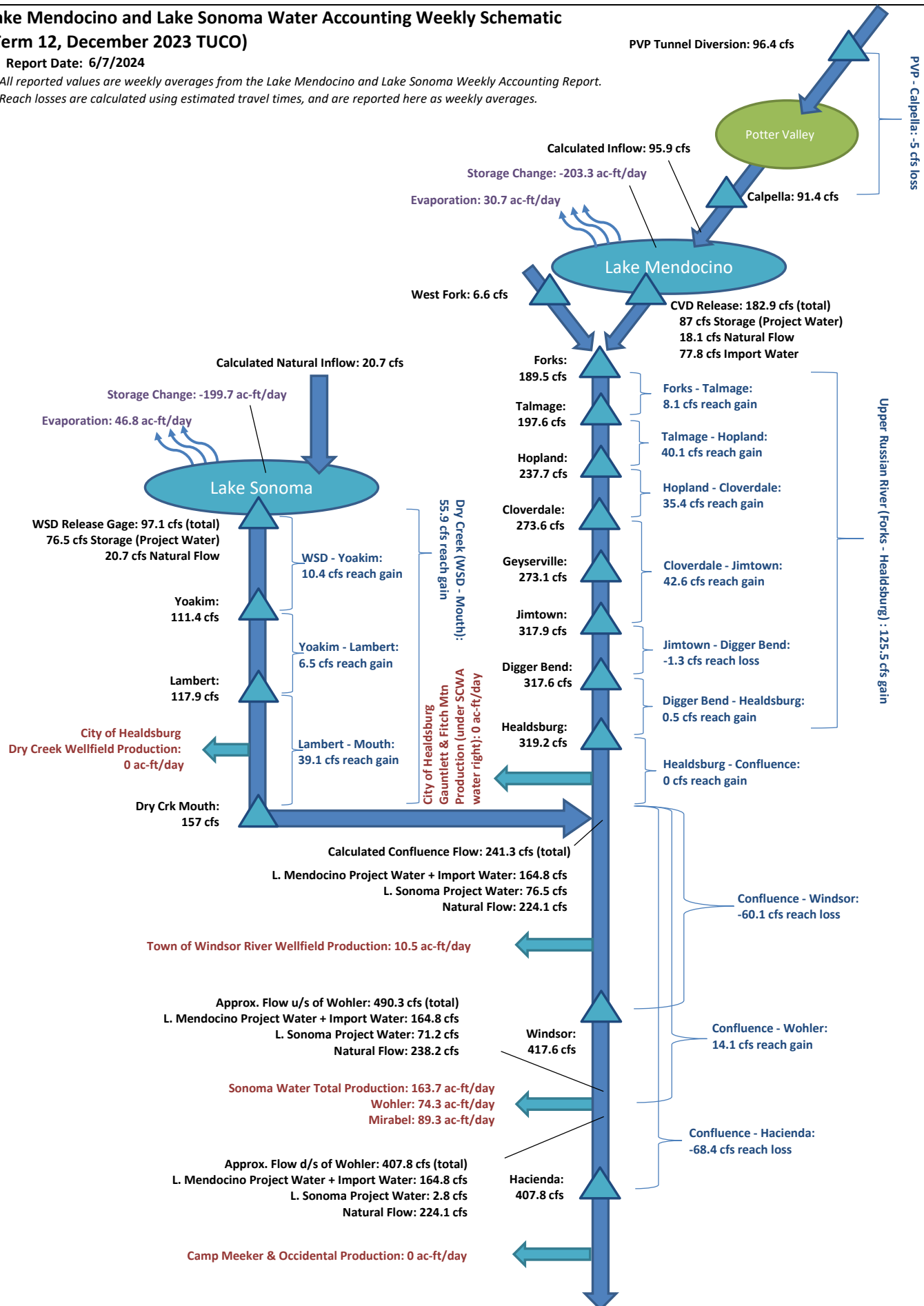
Notes:

- 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: 6/7/2024

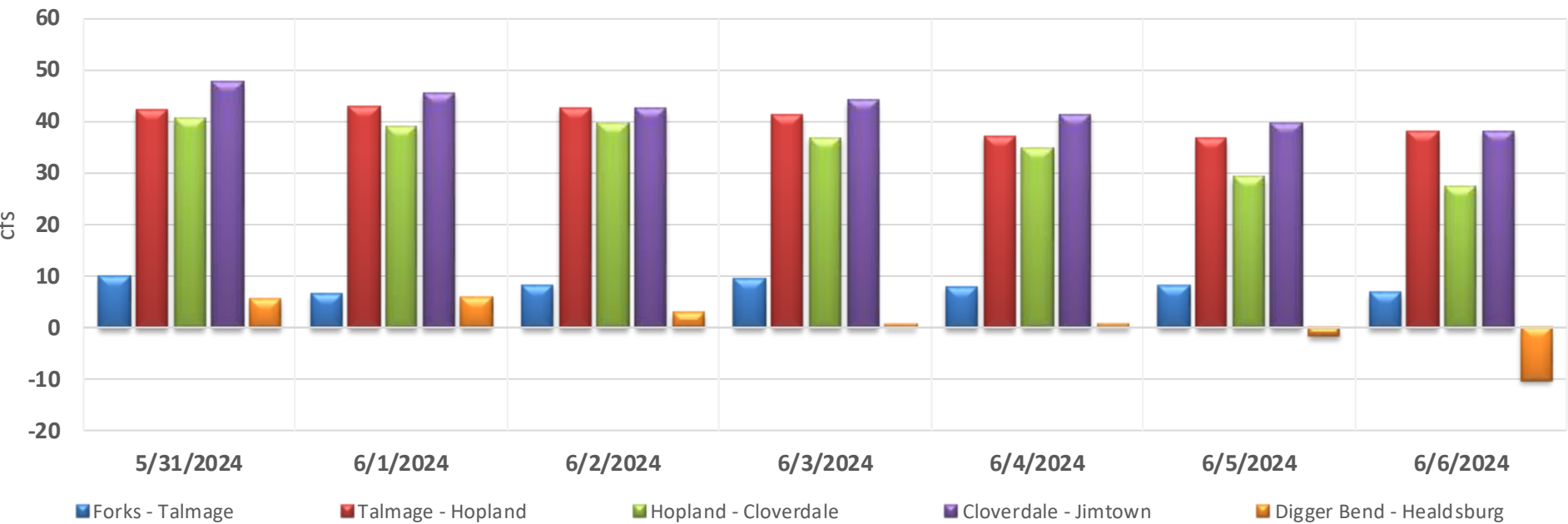
All reported values are weekly averages from the Lake Mendocino and Lake Sonoma Weekly Accounting Report.
Reach losses are calculated using estimated travel times, and are reported here as weekly averages.



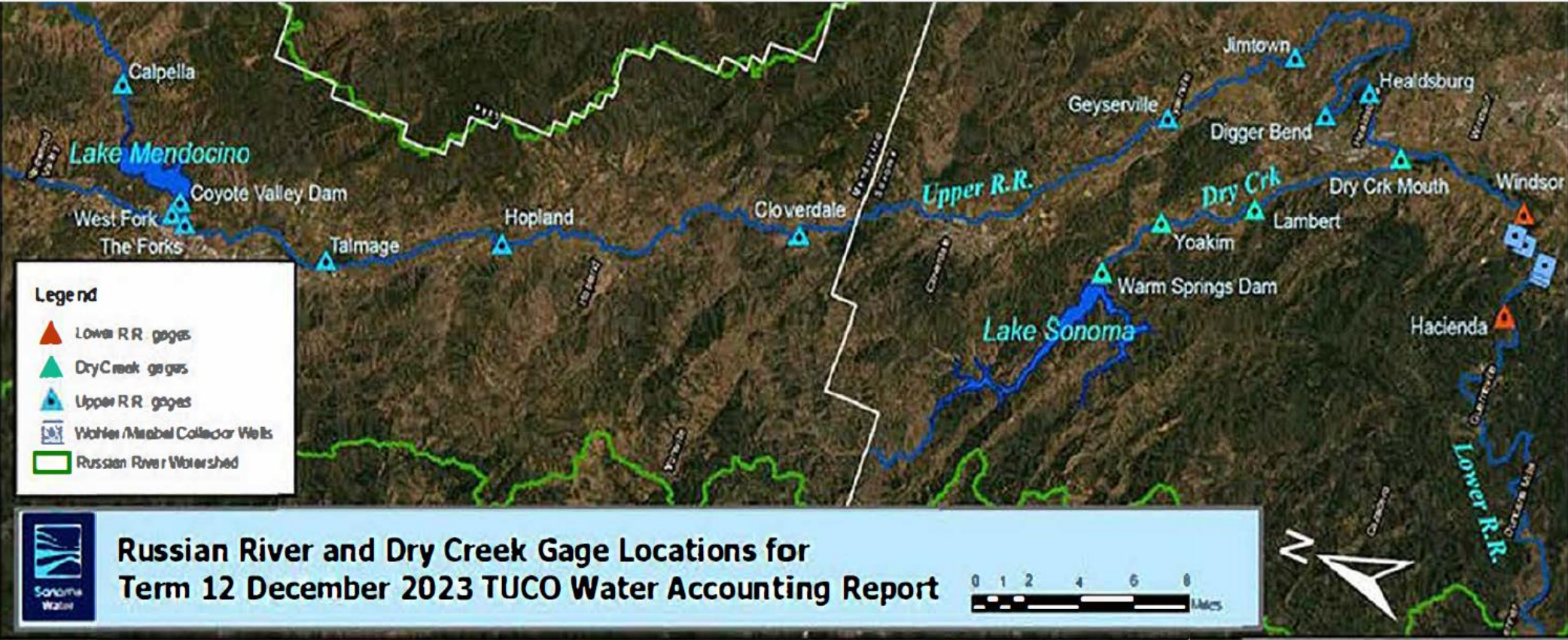
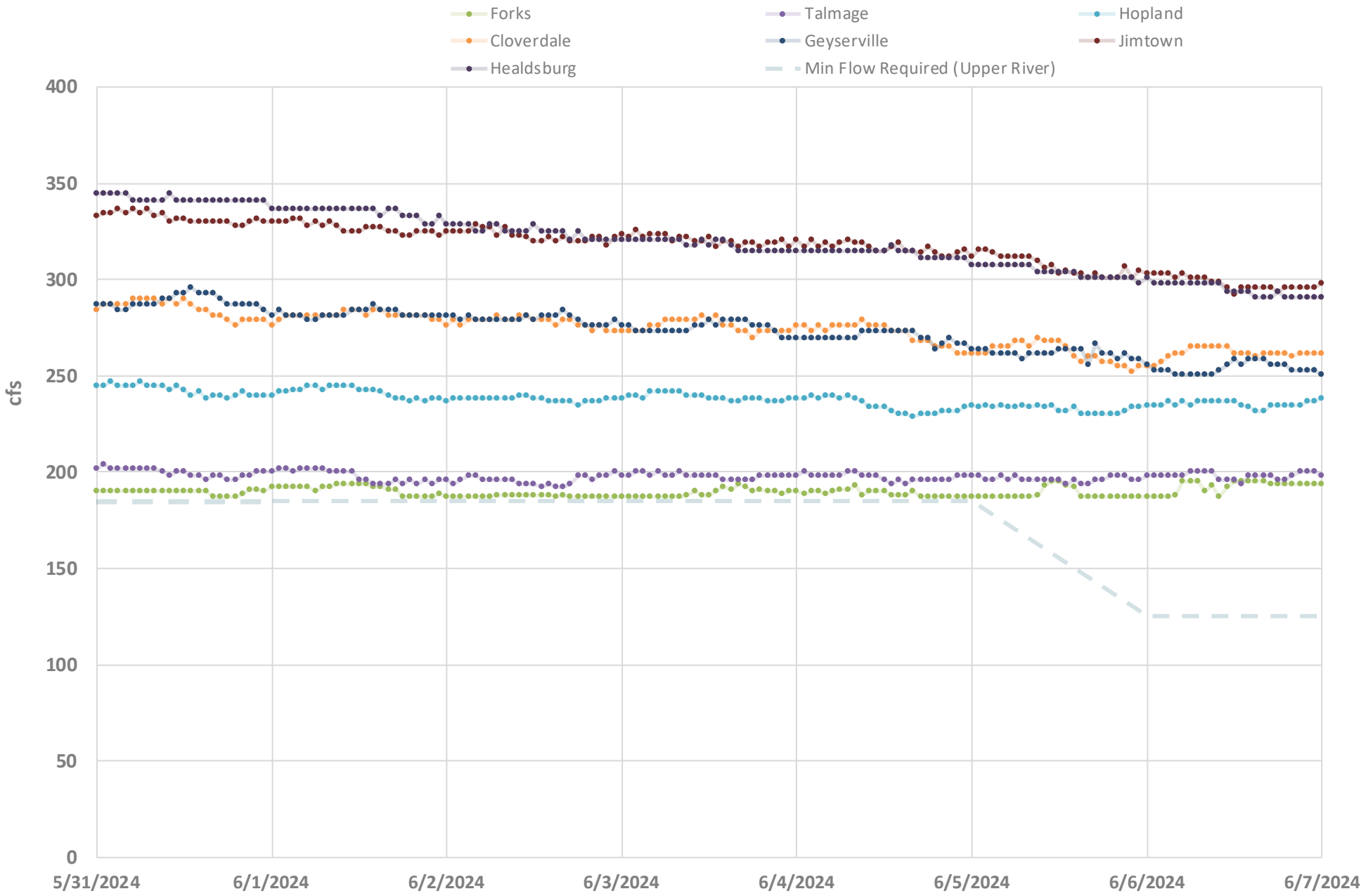
Lake Mendocino and Lake Sonoma Water Accounting Weekly Report (Term 12, Dec 2023 TUCO)

Report Date: 6/7/2024

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



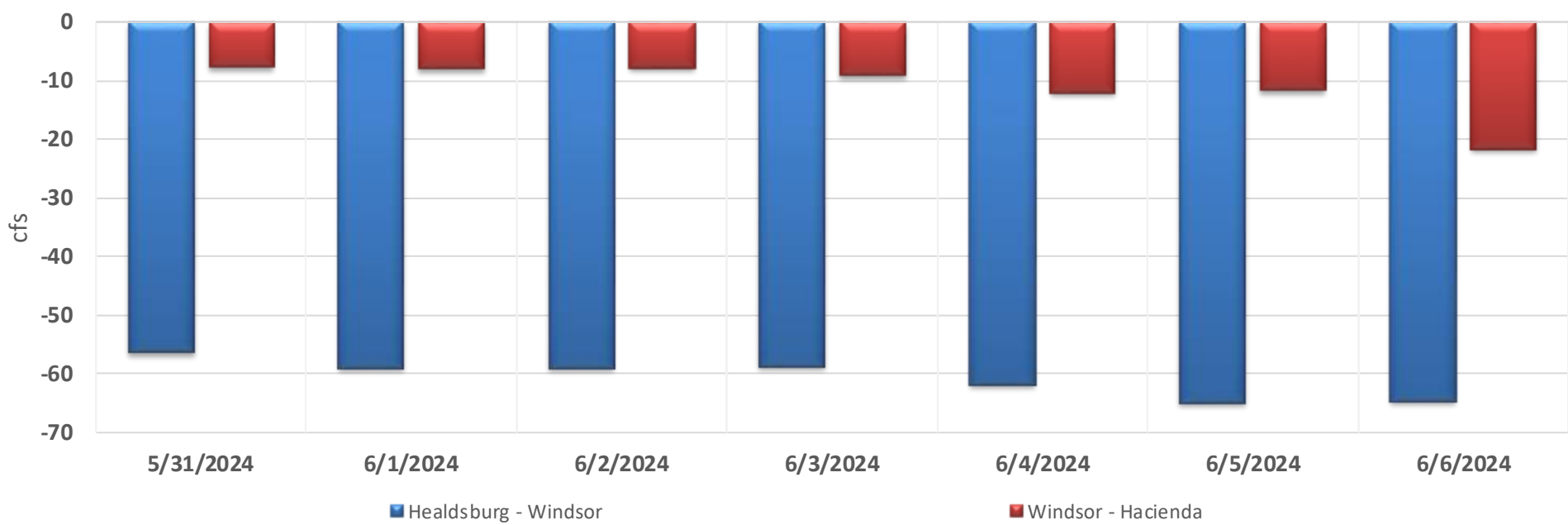
UPPER RUSSIAN RIVER STREAM FLOWS



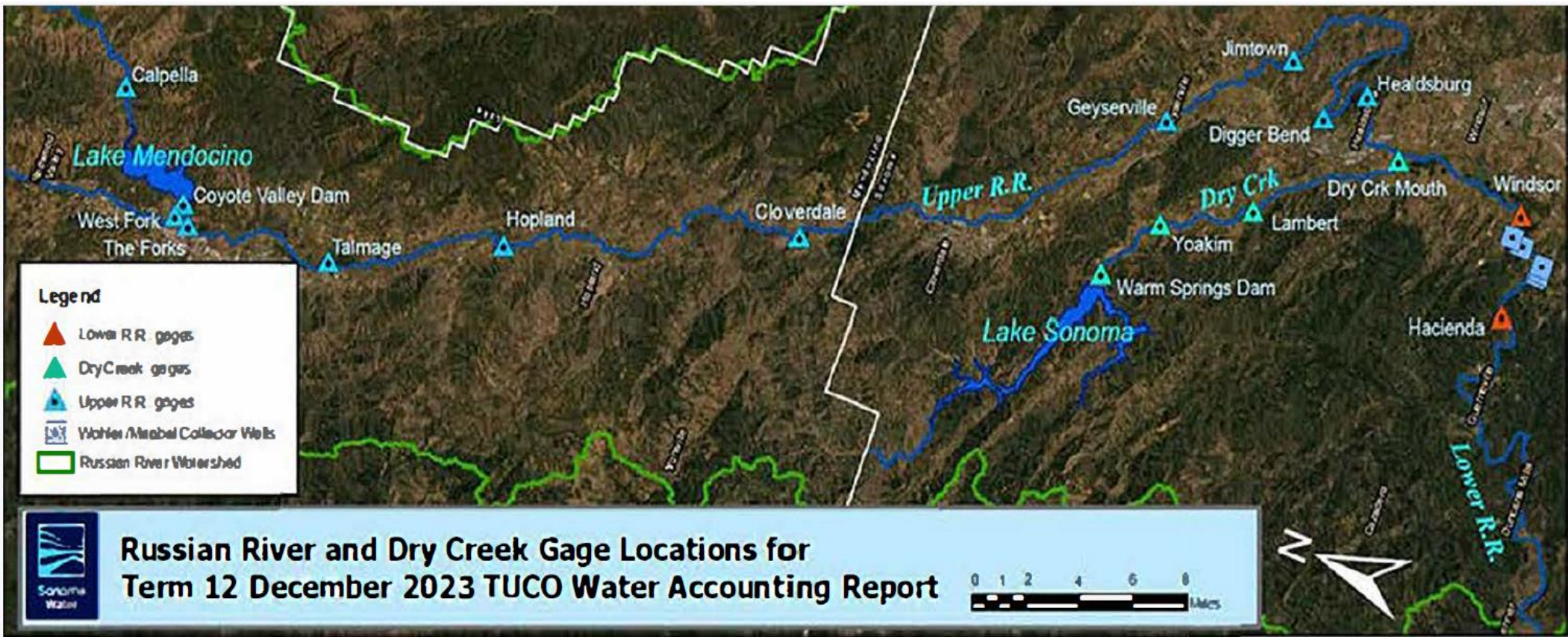
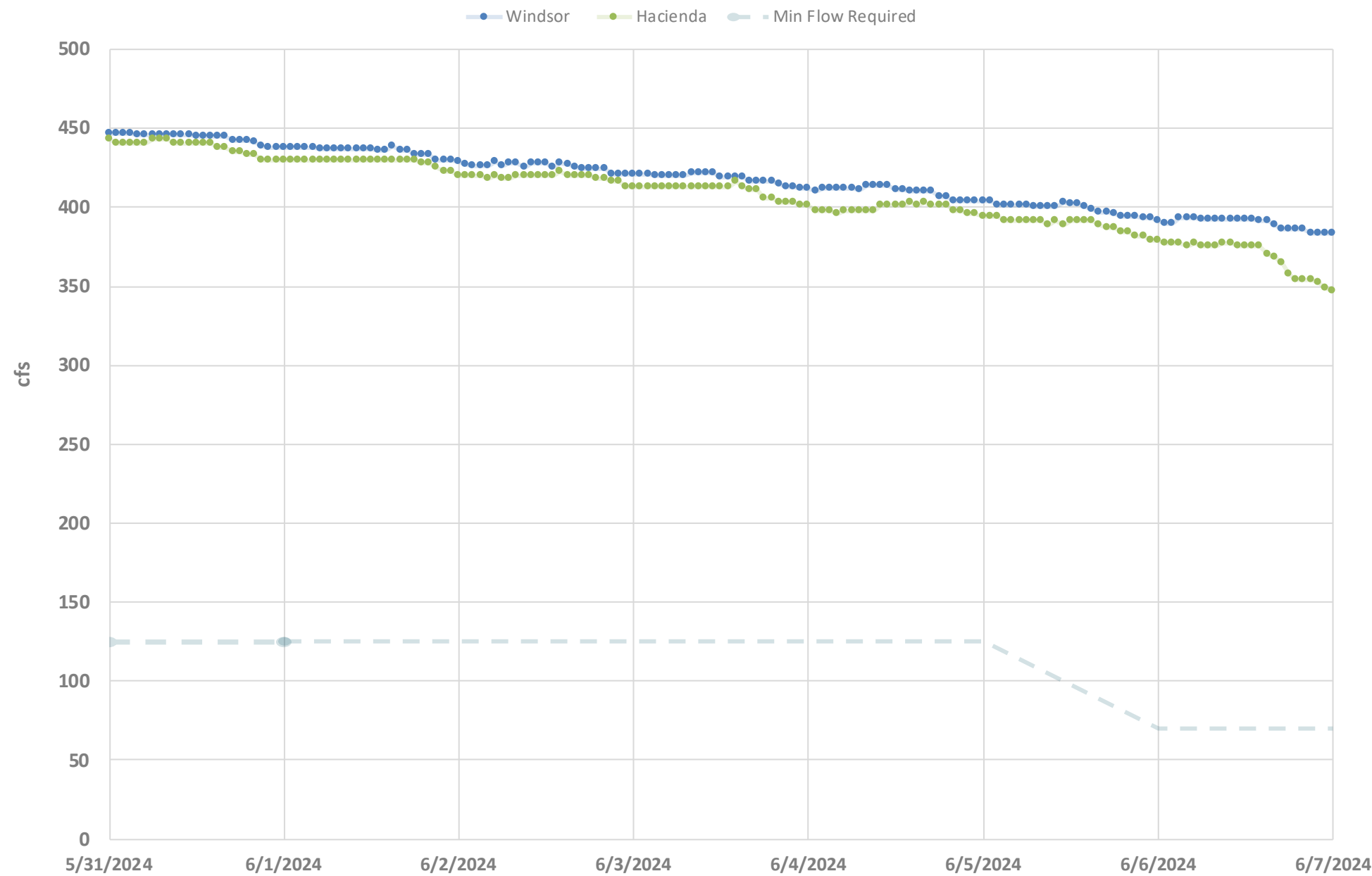
Lake Mendocino and Lake Sonoma Water Accounting Weekly Report (Term 12, Dec 2023 TUCO)

Report Date: 6/7/2024

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



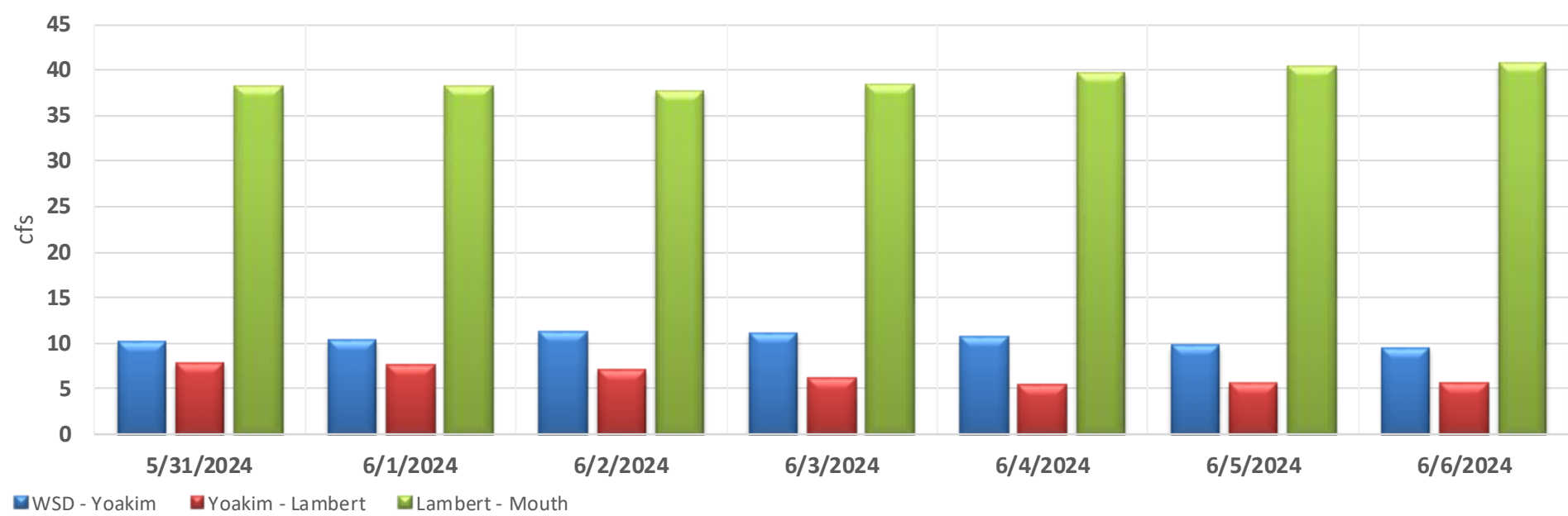
LOWER RUSSIAN RIVER STREAM FLOWS



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

Report Date: 6/7/2024

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



DRY CREEK STREAM FLOWS

