

Units are cfs unless noted otherwise

	6/7/2024	6/8/2024	6/9/2024	6/10/2024	6/11/2024	6/12/2024	6/13/2024
I. Upper East Fork Reach							
Potter Valley Project							
Tunnel Diversion	100.0	100.0	100.0	100.0	103.0	105.0	103.0
PVID Requested Delivery	20.0	20.0	20.0	20.0	23.1	25.0	23.3
PVID Canals Actual Delivery	19.4	19.5	19.4	19.4	22.0	23.6	20.9
East Fork Release	81.0	80.0	81.0	81.0	81.0	81.0	82.0
PVID E Fork Diversions	0.6	0.5	0.6	0.6	1.1	1.4	2.4
PVID Water Use - PG&E Contract	20.0	20.0	20.0	20.0	23.1	25.0	23.3
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)	80.4	79.5	80.4	80.4	79.9	79.6	79.6
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	90.3	90.7	87.2	90.6	95.4	104.6	97.0
Net Reach Loss(-)/Gain(+)	-9.7	-9.3	-12.8	-9.4	-7.6	-0.4	-6.0
Unimpaired Natural Flow @ Calpella (est.)	4.9	4.2	4.2	4.2	4.2	0.0	0.0
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)	196	193	195	176	177	194	194
(cfs)	99	98	98	89	89	98	98
Natural Flow	19	18	18	9	9	18	18
Import	80	80	80	80	80	80	80
Storage Change (ac-ft)	-196.0	-177.0	-125.0	-124.0	-124.0	-107.0	-106.0
(cfs)	-99	-89	-63	-63	-63	-54	-53
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)	32.0	31.0	32.0	34.1	35.2	35.2	33.1
RVCWD Diversion (ac-ft)	0	0	0	0	0	0	0
CVD Release Gage	181	171	145	134	134	134	134
Storage (Project Water)	83	74	47	45	45	36	37
Natural Flow	19	18	18	9	9	18	18
Import Water	80	80	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	181	171	145	134	134	134
CVD Project Water Release to Meet Min Flow Requirement							
Total Pass-through Water	99	98	98	89	89	98	98
Project Water Release Required	No	No	No	No	No	No	No

III. Upper Russian River Reach

Minimum Instream Flow Requirement		125	125	125	125	125	125
Controlling Compliance Gage							
Min Gage Flow		186	175	148	137	137	138
Controlling Gage		Forks	Forks	Forks	Forks	Forks	Forks
All Compliance Gages		Rvr mi.					
Forks	(CVD + USGS 11461000)	99.0	186	175	148	137	138
Talmage	(USGS 11462080)	96.1	194	186	166	144	139
Hopland	(USGS 11462500)	84.8	234	228	214	192	181
Cloverdale	(USGS 11463000)	70.9	264	253	243	218	207
Geyserville	(USGS 11463500)	54.4	255	248	243	228	212
Jimtown	(USGS 11463682)	48.5	297	292	290	279	266
Digger Bend	(USGS 11463980)	38.2	294	292	287	278	263
Healdsburg	(USGS 11464000)	35.6	291	288	281	273	258
Net Reach Loss(-)/Gain(+)							
Forks - Talmage			+5	+7	+13	+8	+7
Talmage - Hopland			+38	+40	+41	+46	+43
Hopland - Cloverdale			+27	+24	+21	+20	+19
Cloverdale - Jimtown			+33	+34	+40	+46	+54
Jimtown - Digger Bend			-3	-2	-5	-4	-5
Digger Bend - Healdsburg	*when Digger Bend > 400 cfs, next u/s gage (Jimtown) used		-3	-4	-7	-8	-8
Upper Russian Net Reach Loss/Gain			+97	+99	+104	+107	+109
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			99	98	98	89	89
Project Water Release Required			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).

		6/7/2024	6/8/2024	6/9/2024	6/10/2024	6/11/2024	6/12/2024	6/13/2024
IV. Lake Sonoma								
Lake Sonoma								
Storage Change (ac-ft)		-219.0	-192.0	-246.0	-191.0	-164.0	-273.0	-190.0
(cfs)		-110	-97	-124	-96	-83	-138	-96
Evaporation (ac-ft)		41.0	42.6	45.9	44.2	50.8	45.8	37.6
Inflow (Natural Flow)		7	22	0	23	41	0	21
WSD Release Gage		97	97	97	97	98	98	98
Storage (Project Water)		90	75	97	74	57	98	77
Natural Flow		7	22	0	23	41	0	21
V. Lower Dry Creek Reach								
Minimum Instream Flow Requirement		80	80	80	80	80	80	80
Controlling Compliance Gage								
Min Gage Flow		97	97	97	97	98	98	98
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>	97	97	97	97	98	98	98
Yoakim (USGS 11465200)	<i>11.1</i>	111	112	112	111	110	110	109
Lambert (USGS 11465240)	<i>6.8</i>	116	117	116	116	115	114	114
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		7	22	0	23	41	0	21
Net Reach Loss(-)/Gain(+)								
WSD - Yoakim		+10	+11	+11	+10	+9	+9	+8
Yoakim - Lambert		+6	+5	+5	+5	+4	+4	+5
Lambert - Dry Crk Mouth		+41	+40	+41	+41	+42	+43	+43
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		163	154	127	125	125	116	116
Natural Flow		116	117	122	116	119	117	106
Dry Creek Flow (Mouth Gage)								
L. Sonoma Project Water		90	75	97	74	57	98	77
Natural Flow		67	82	60	83	100	59	80
Russian River d/s of Confluence Flow								
L. Mendocino Project Water + Import Water		448	445	438	430	415	402	391
L. Sonoma Project Water		163	154	127	125	125	116	116
Natural Flow		90	75	97	74	57	98	77
		183	199	182	199	219	176	187
VII. Lower Russian River Reach								
Minimum Instream Flow Requirement		70	70	70	70	70	70	70
Controlling Compliance Gage								
Min Gage Flow		302	325	329	327	310	296	286
Controlling Gage		Hacienda	Hacienda	Hacienda	Hacienda	Hacienda	Hacienda	Hacienda
All Compliance Gages								
	<i>Rvr mi.</i>							
Windsor (USGS 11465390)	<i>26.6</i>	363	409	405	399	384	373	364
Hacienda (USGS 11467000)	<i>21.8</i>	302	325	329	327	310	296	286
Confluence to Windsor Reach Analysis								
Net Reach Loss/Gain to Windsor Gage		-85	-37	-35	-33	-35	-32	-29
L. Mendocino Project Water + Import Water		163	154	127	125	125	116	116
L. Sonoma Project Water		85	71	92	69	52	93	72
Natural Flow		98	162	148	166	184	143	158
Confluence to SCWA Wohler Production Facility Reach Analysis								
Approx. Flow u/s of Wohler		383	405	408	410	406	386	369
Net Reach Loss(-)/Gain(+)		-65	-40	-31	-19	-9	-16	-22
L. Mendocino Project Water + Import Water		163	154	127	125	125	116	116
L. Sonoma Project Water		85	71	92	69	52	93	72
Natural Flow		118	159	152	180	210	160	165
Confluence to Hacienda (Guerneville) Reach Analysis								
Net Reach Loss(-)/Gain(+)		-146	-120	-109	-103	-105	-106	-105
L. Mendocino Project Water + Import Water		163	154	127	125	125	116	116
L. Sonoma Project Water		4	0	14	0	0	3	0
Natural Flow		118	149	152	165	165	160	153
VIII. Water Production under Sonoma Water Water Rights (ac-ft)								
Lower Russian River								
Sonoma Water Total		160.6	159.4	156.2	165.6	190.5	178.3	165.3
Wohler		72.4	72.0	68.0	79.5	89.6	103.3	74.0
Mirabel		88.2	87.4	88.2	86.1	100.9	75.0	91.3
Town of Windsor River Wellfield		10.2	9.4	9.3	9.8	11.0	9.8	9.9
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

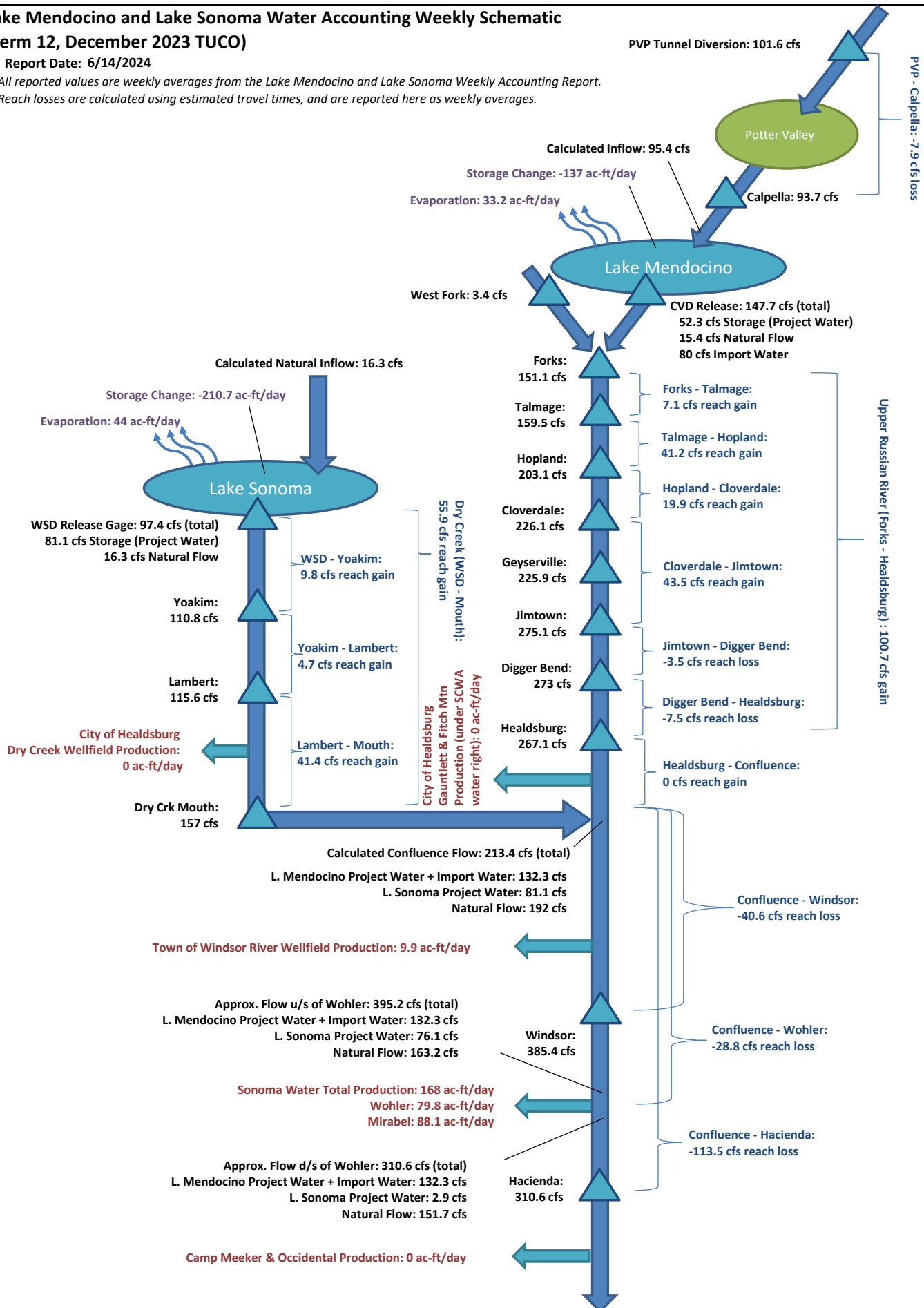
Notes:

- 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: 6/14/2024

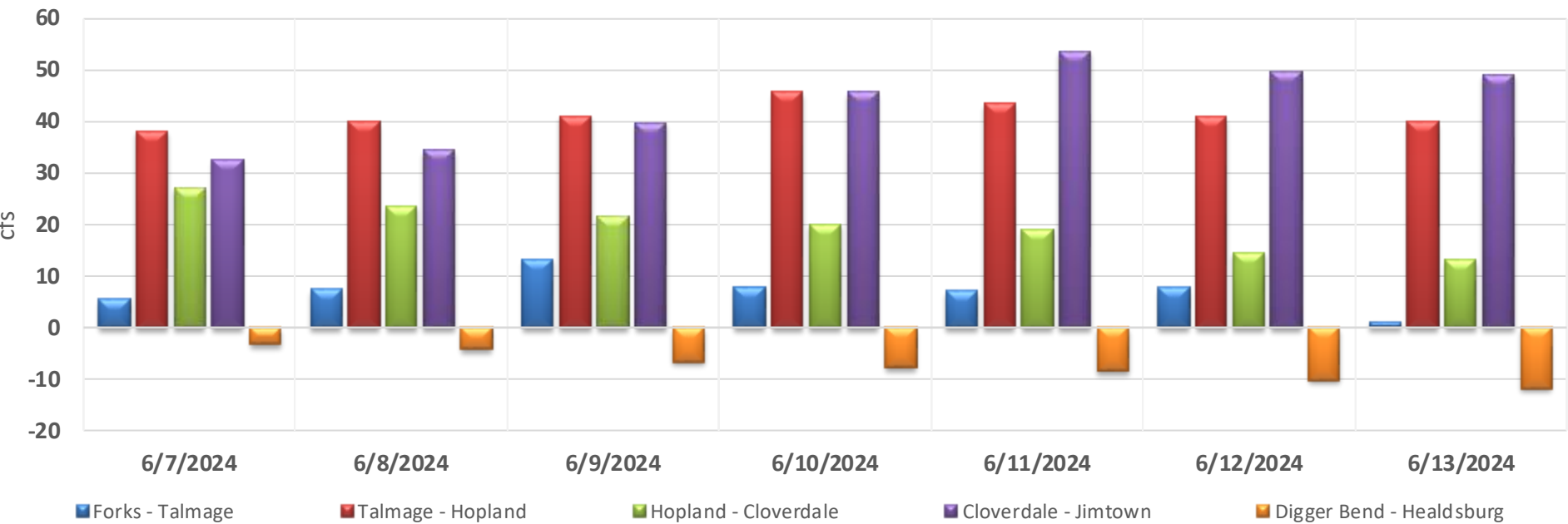
All reported values are weekly averages from the Lake Mendocino and Lake Sonoma Weekly Accounting Report.
Reach losses are calculated using estimated travel times, and are reported here as weekly averages.



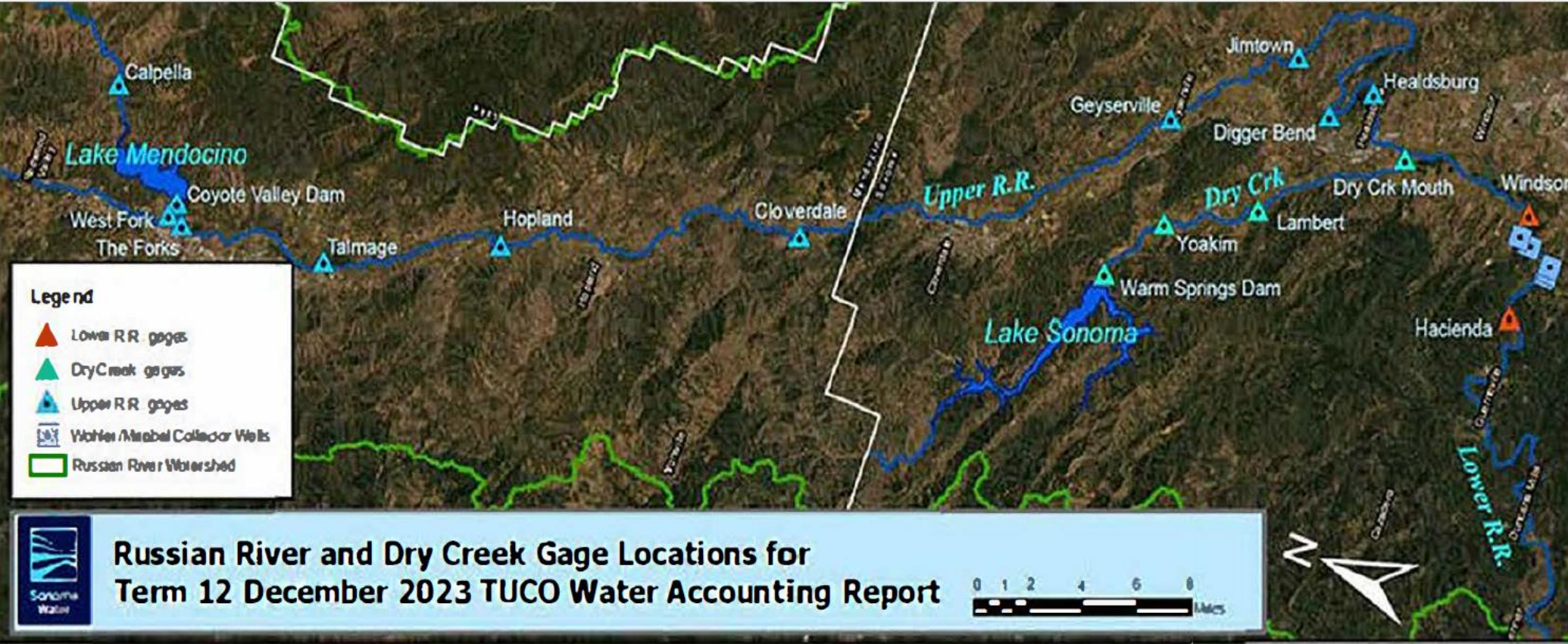
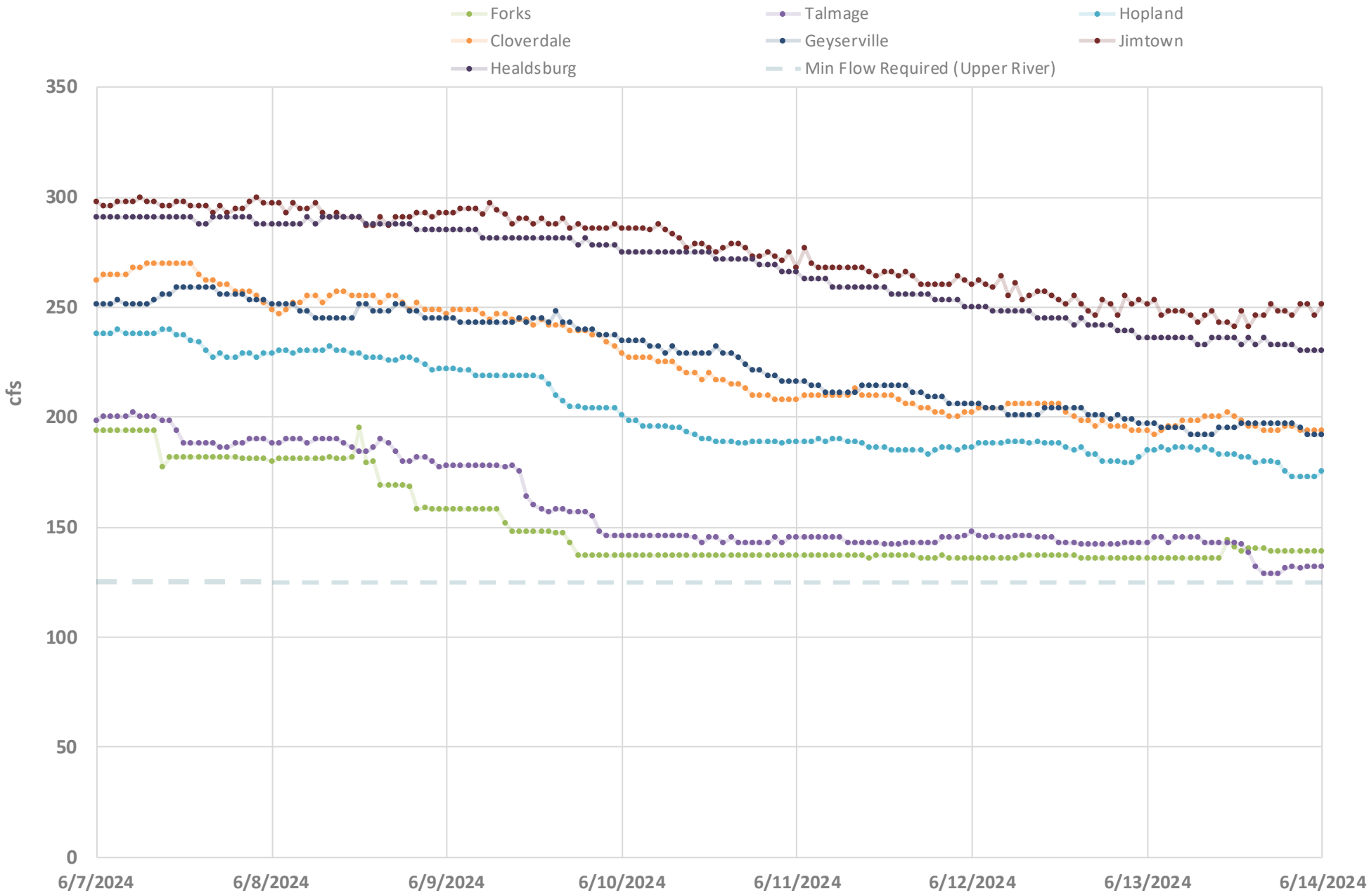
Lake Mendocino and Lake Sonoma Water Accounting Weekly Report (Term 12, Dec 2023 TUCO)

Report Date: 6/14/2024

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



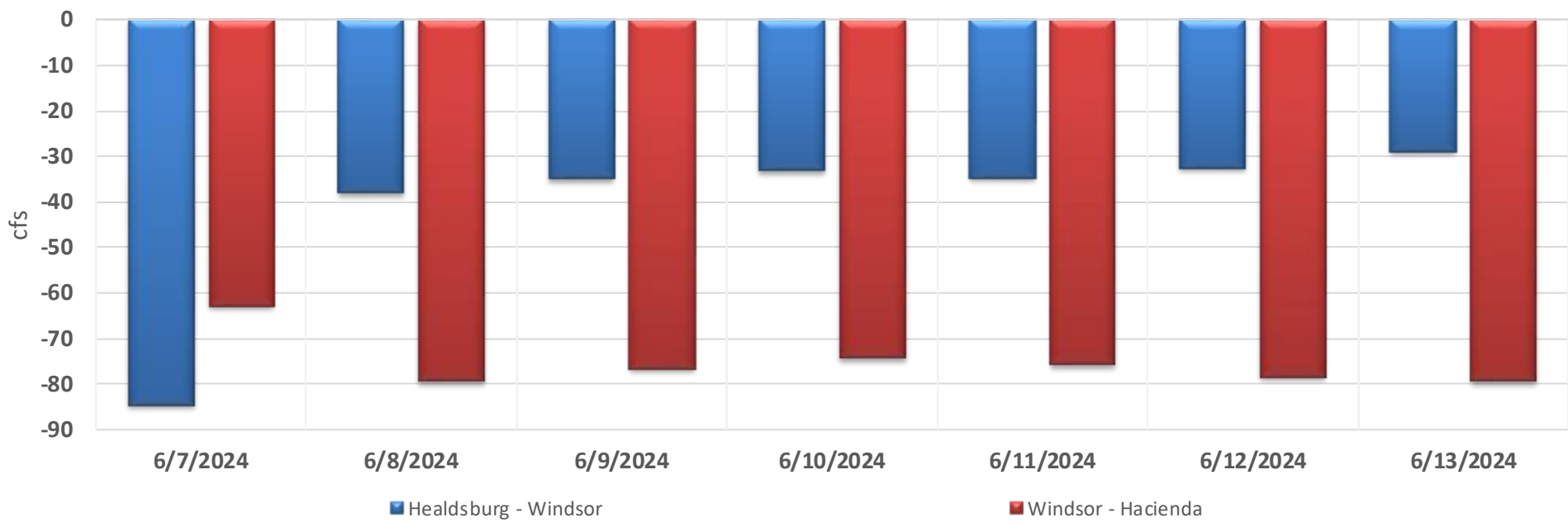
UPPER RUSSIAN RIVER STREAM FLOWS



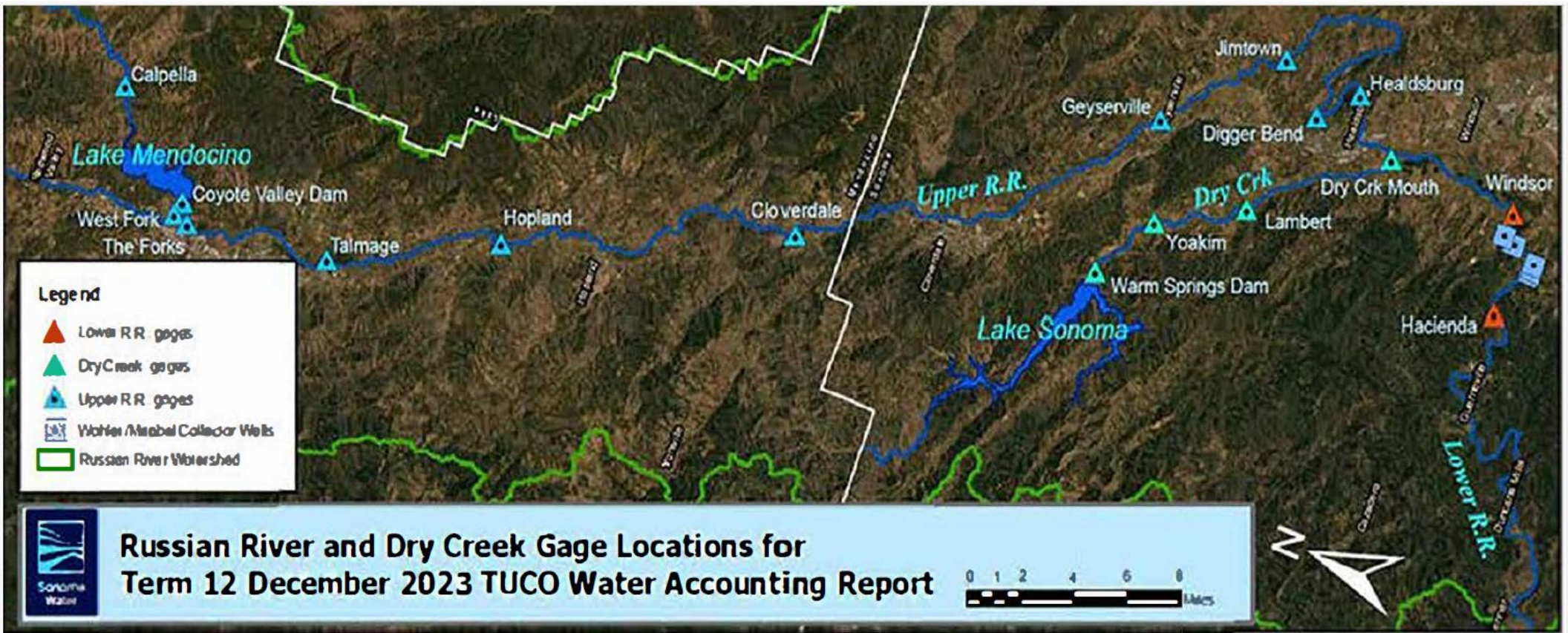
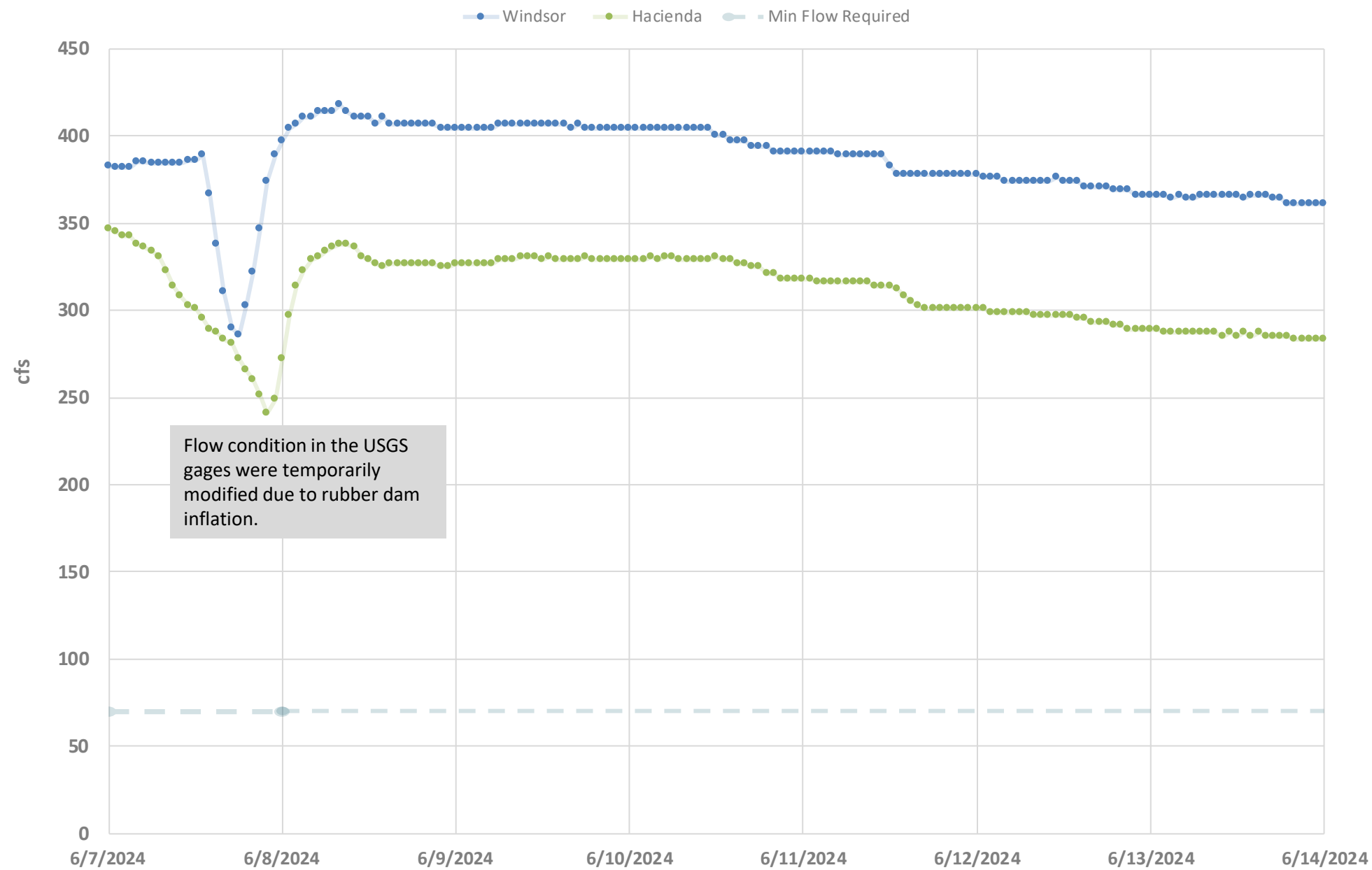
Lake Mendocino and Lake Sonoma Water Accounting Weekly Report (Term 12, Dec 2023 TUCO)

Report Date: 6/14/2024

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



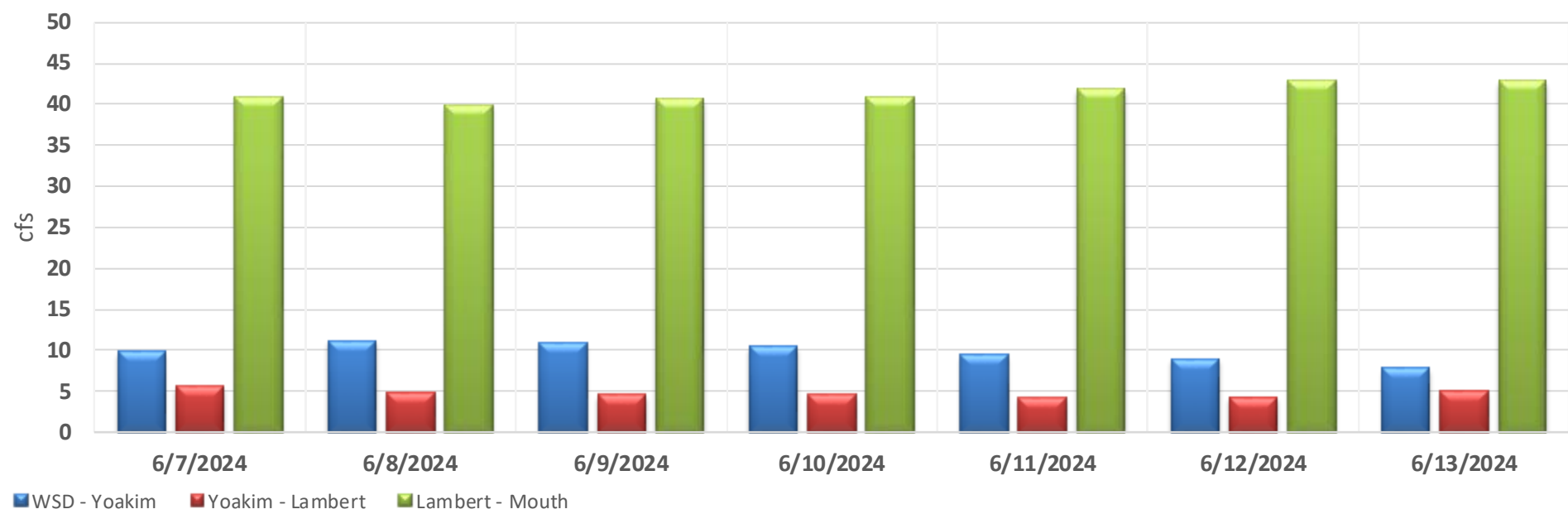
LOWER RUSSIAN RIVER STREAM FLOWS



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

Report Date: 6/14/2024

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



DRY CREEK STREAM FLOWS

