

Units are cfs unless noted otherwise

	6/21/2024	6/22/2024	6/23/2024	6/24/2024	6/25/2024	6/26/2024	6/27/2024
I. Upper East Fork Reach							
Potter Valley Project							
Tunnel Diversion	97.0	99.0	100.0	100.0	103.0	105.0	94.0
PVID Requested Delivery	17.0	18.3	20.0	20.0	22.7	25.0	29.1
PVID Canals Actual Delivery	15.6	17.7	19.4	19.6	22.2	24.4	24.4
East Fork Release	81.0	81.0	81.0	80.0	81.0	81.0	70.0
PVID E Fork Diversions	1.3	0.6	0.6	0.4	0.5	0.6	4.8
PVID Water Use - PG&E Contract	17.0	18.3	20.0	20.0	22.7	25.0	29.1
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)	79.7	80.4	80.4	79.6	80.5	80.4	65.2
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	81.0	81.3	89.4	80.1	82.6	89.2	87.6
Net Reach Loss(-)/Gain(+)	-16.0	-17.7	-10.6	-19.9	-20.4	-15.8	-6.4
Unimpaired Natural Flow @ Calpella (est.)	4.6	4.6	4.6	4.2	4.2	3.8	3.8
Non-PVID East Fork Net Reach Losses (est.)	-3.6	-3.9	0.0	-4.1	-1.9	0.0	0.0
Natural Flow	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Import	-3.6	-3.9	0.0	-4.1	-1.9	0.0	0.0

II. Lake Mendocino

Reservoir Operations

Calculated Inflow (ac-ft)	179	216	250	198	174	230	174
(cfs)	90	109	126	100	88	116	88
Natural Flow	7	24	46	16	6	36	23
Import	84	85	80	84	82	80	65
Storage Change (ac-ft)	-142.0	-106.0	-71.0	-124.0	-142.0	-88.0	-142.0
(cfs)	-72	-53	-36	-63	-72	-44	-72
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)	35.1	36.2	35.1	36.2	30.8	31.9	30.8
RVCWD Diversion (ac-ft)	0	0	0	0	0	0	0
CVD Release Gage	144	144	144	144	144	144	144
Storage (Project Water)	54	35	18	44	56	28	56
Natural Flow	7	24	46	16	6	36	23
Import Water	84	85	80	84	82	80	65
East Fork Min Instream Flow Requirement	25	25	25	25	25	25	25
Compliance Gage	Rvr mi.						
CVD Release	99.9	144	144	144	144	144	144
CVD Project Water Release to Meet Min Flow Requirement							
Total Pass-through Water	90	109	126	100	88	116	88
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	132	131	131	129	127	114	126
Controlling Gage	Talmage	Talmage	Talmage	Talmage	Talmage	Healdsburg	Talmage

All Compliance Gages

Forks	(CVD + USGS 11461000)	99.0	148	148	148	147	147	147
Talmage	(USGS 11462080)	96.1	132	131	131	129	127	126
Hopland	(USGS 11462500)	84.8	167	168	168	167	164	159
Cloverdale	(USGS 11463000)	70.9	174	168	167	164	161	154
Geyserville	(USGS 11463500)	54.4	172	169	166	162	159	153
Jimtown	(USGS 11463682)	48.5	187	183	176	167	165	153
Digger Bend	(USGS 11463980)	38.2	179	179	179	179	179	179
Healdsburg	(USGS 11464000)	35.6	178	176	172	167	144	153

Net Reach Loss(-)/Gain(+)

Forks - Talmage	-17	-17	-17	-18	-20	-20	-20
Talmage - Hopland	+35	+37	+38	+37	+37	+34	+32
Hopland - Cloverdale	+5	+2	-1	-4	-4	-6	-5
Cloverdale - Jimtown	+18	+11	+7	+0	+1	-1	-2
Jimtown - Digger Bend	-10	-5	+2	+10	+14	+19	+25
Digger Bend - Healdsburg <i>*when Digger Bend > 400 cfs, next u/s gage (Jimtown) used</i>	-1	-3	-7	-12	-35	-65	-26
Upper Russian Net Reach Loss/Gain	+30	+24	+21	+13	-6	-40	+4

CVD Project Water Release to Meet Min Flow Requirement

Net Reach Loss(-)/Gain(+) to Controlling Gage	-17	-17	-17	-18	-20	-40	-20
Storage (Project Water)	-17	-17	-17	-18	-20	-28	-20
Pass-through Water (Nat. + Imp.) + Natural	0	0	0	0	0	-12	0
Total Pass-through Water	90	109	126	100	88	104	88
Project Water Release Required	Yes	Yes	No	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).

		6/21/2024	6/22/2024	6/23/2024	6/24/2024	6/25/2024	6/26/2024	6/27/2024
IV. Lake Sonoma								
Lake Sonoma								
Storage Change (ac-ft)		-190.0	-190.0	-217.0	-244.0	-216.0	-217.0	-216.0
(cfs)		-96	-96	-109	-123	-109	-109	-109
Evaporation (ac-ft)		42.3	45.6	45.5	45.5	22.7	47.1	51.9
Inflow (Natural Flow)		26	27	14	0	3	14	16
WSD Release Gage		100	100	100	100	100	100	99
Storage (Project Water)		74	73	86	100	97	86	83
Natural Flow		26	27	14	0	3	14	16
V. Lower Dry Creek Reach								
Minimum Instream Flow Requirement		80	80	80	80	80	80	80
Controlling Compliance Gage								
Min Gage Flow		100	100	100	100	100	100	99
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>	100	100	100	100	100	100	99
Yoakim (USGS 11465200)	<i>11.1</i>	108	109	109	107	107	106	106
Lambert (USGS 11465240)	<i>6.8</i>	112	111	112	110	110	110	109
Dry Crk Mouth (USGS 11465350)	<i>0.1</i>	137	137	137	137	137	137	137
WSD to Russian River Confluence Reach Analysis								
Total Pass-through Water		26	27	14	0	3	14	16
Net Reach Loss(-)/Gain(+)								
WSD - Yoakim		+7	+8	+8	+6	+6	+5	+5
Yoakim - Lambert		+4	+3	+3	+3	+3	+4	+3
Lambert - Dry Crk Mouth		+25	+26	+25	+26	+27	+27	+28
WSD - Dry Crk Mouth		+36	+36	+36	+36	+36	+36	+36
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		137	120	98	128	138	108	121
Natural Flow		37	48	67	29	0	0	27
Dry Creek Flow (Mouth Gage)								
L. Sonoma Project Water		74	73	86	100	97	86	83
Natural Flow		63	64	51	37	40	51	54
Russian River d/s of Confluence Flow		315	313	309	304	281	251	290
L. Mendocino Project Water + Import Water		137	120	98	128	138	108	121
L. Sonoma Project Water		74	73	86	100	97	86	83
Natural Flow		99	112	118	66	40	51	81
VII. Lower Russian River Reach								
Minimum Instream Flow Requirement		70	70	70	70	70	70	70
Controlling Compliance Gage								
Min Gage Flow		219	216	211	188	162	150	179
Controlling Gage		Hacienda	Hacienda	Hacienda	Hacienda	Hacienda	Hacienda	Hacienda
All Compliance Gages		<i>Rvr mi.</i>						
Windsor (USGS 11465390)	<i>26.6</i>	327	324	321	301	281	281	299
Hacienda (USGS 11467000)	<i>21.8</i>	219	216	211	188	162	150	179
Confluence to Windsor Reach Analysis								
Net Reach Loss/Gain to Windsor Gage		+12	+11	+11	-4	-16	+40	+12
L. Mendocino Project Water + Import Water		137	120	98	128	138	108	121
L. Sonoma Project Water		69	68	81	95	92	80	77
Natural Flow		111	123	129	62	23	92	92
Confluence to SCWA Wohler Production Facility Reach Analysis								
Approx. Flow u/s of Wohler		304	297	292	283	240	233	247
Net Reach Loss(-)/Gain(+)		-12	-16	-17	-21	-41	-17	-43
L. Mendocino Project Water + Import Water		137	120	98	128	138	108	121
L. Sonoma Project Water		69	68	81	95	92	80	77
Natural Flow		87	96	101	45	0	34	38
Confluence to Hacienda (Guerneville) Reach Analysis								
Net Reach Loss(-)/Gain(+)		-97	-98	-98	-116	-119	-100	-111
L. Mendocino Project Water + Import Water		137	120	98	128	138	108	121
L. Sonoma Project Water		0	0	0	0	14	0	8
Natural Flow		72	82	101	45	0	31	38
VIII. Water Production under Sonoma Water Water Rights (ac-ft)								
Lower Russian River								
Sonoma Water Total		168.4	161.0	160.6	188.8	154.3	164.8	135.3
Wohler		56.5	53.5	66.4	79.6	72.5	61.6	64.2
Mirabel		111.9	107.5	94.3	109.2	81.8	103.2	71.1
Town of Windsor River Wellfield		10.8	10.4	10.2	10.8	10.8	10.8	12.2
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

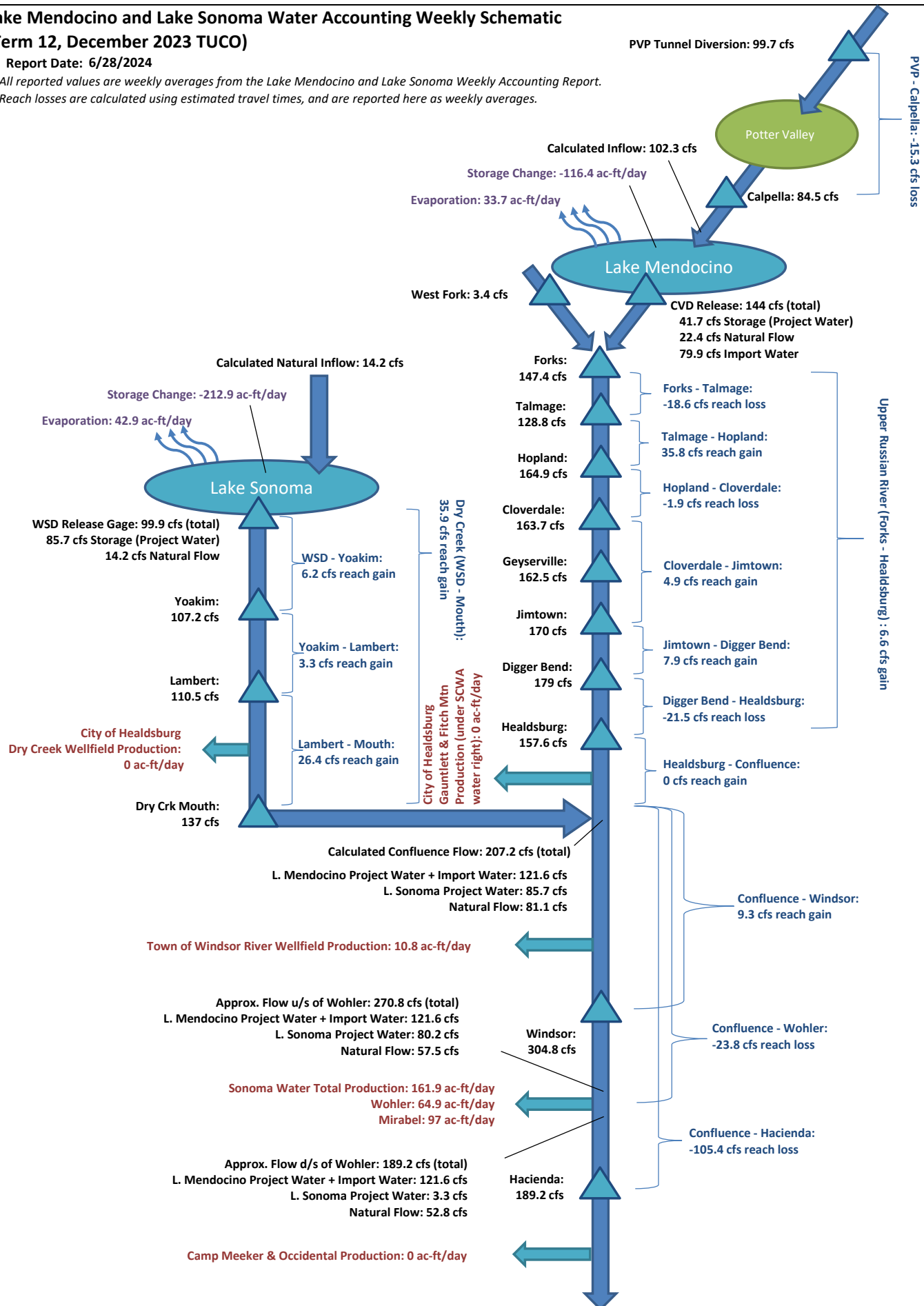
Notes:

- 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: 6/28/2024

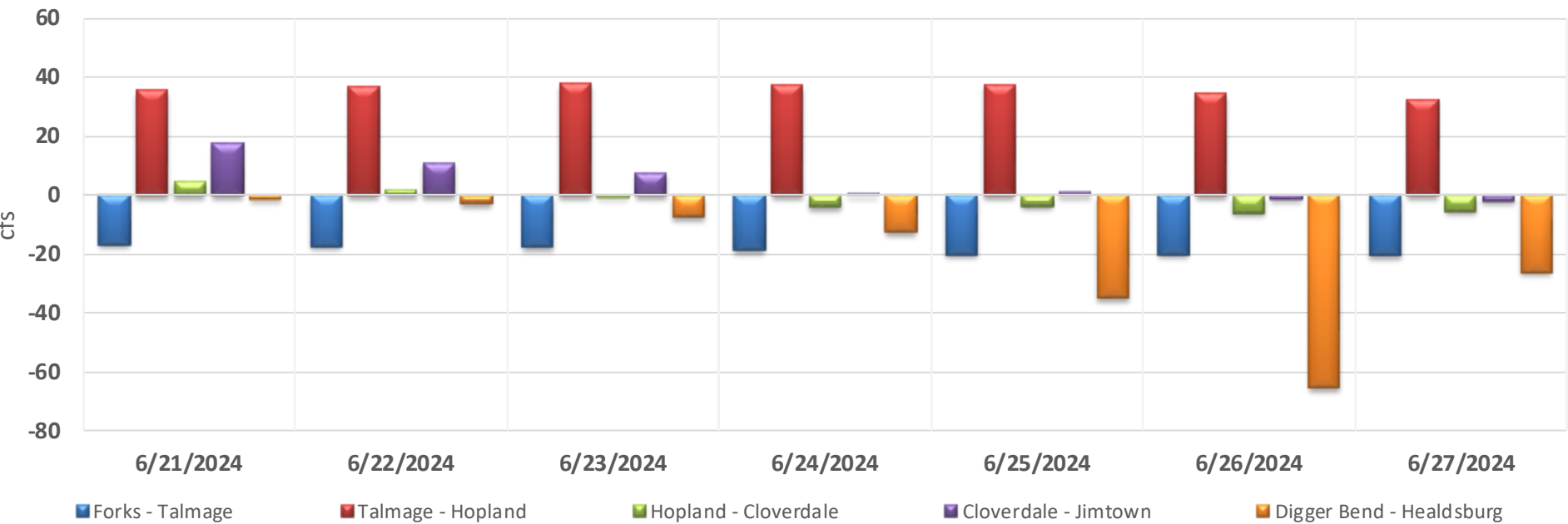
All reported values are weekly averages from the Lake Mendocino and Lake Sonoma Weekly Accounting Report.
Reach losses are calculated using estimated travel times, and are reported here as weekly averages.



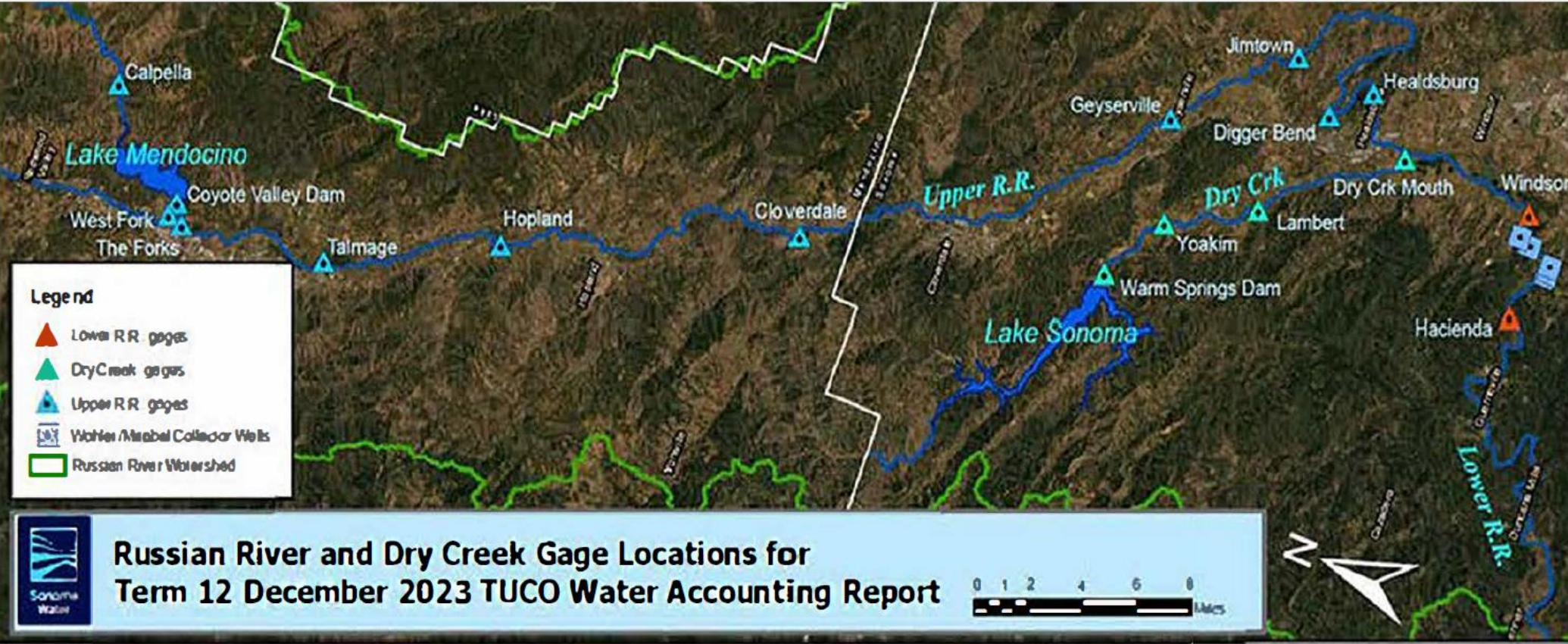
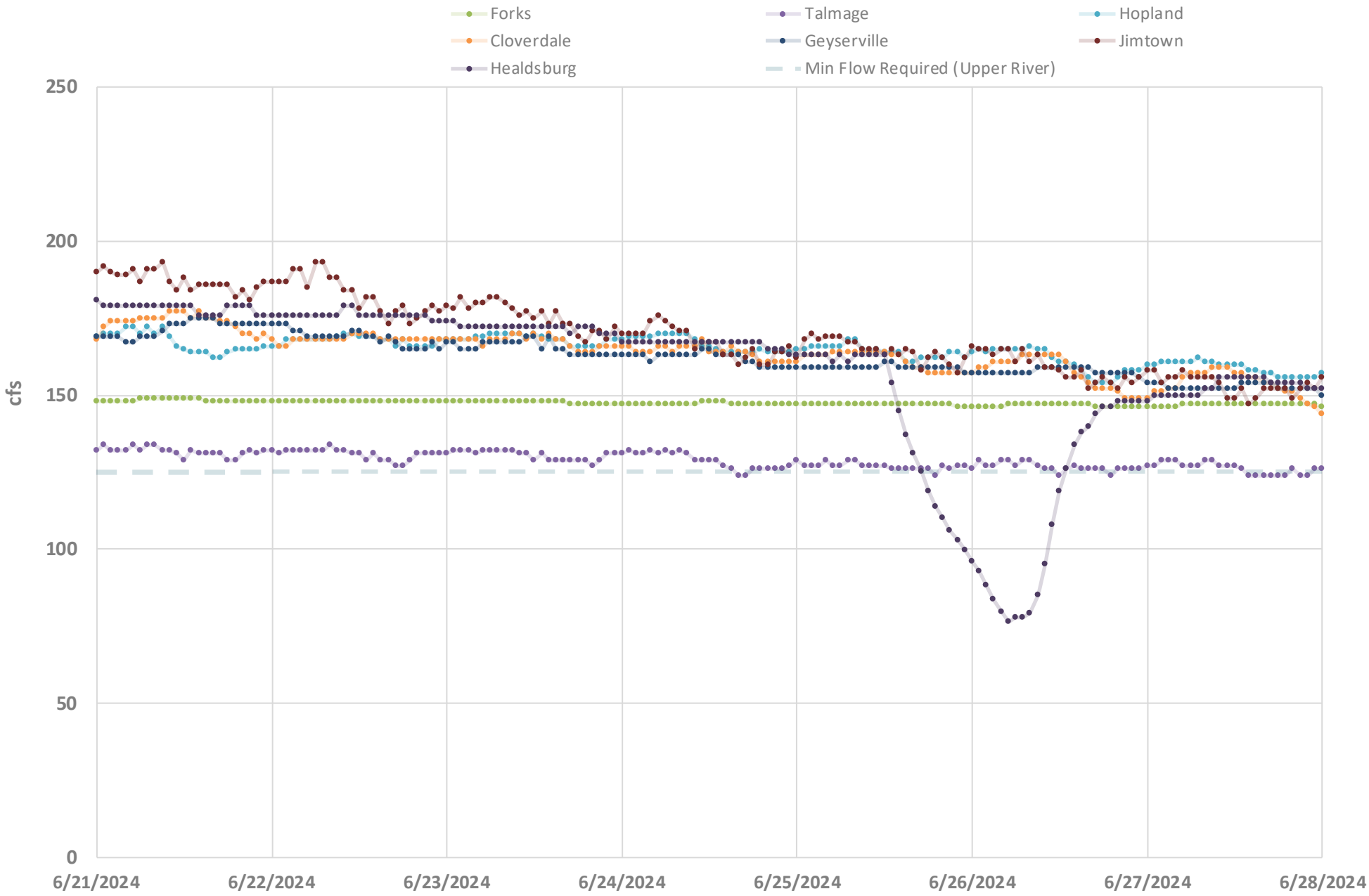
Lake Mendocino and Lake Sonoma Water Accounting Weekly Report (Term 12, Dec 2023 TUCO)

Report Date: 6/28/2024

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

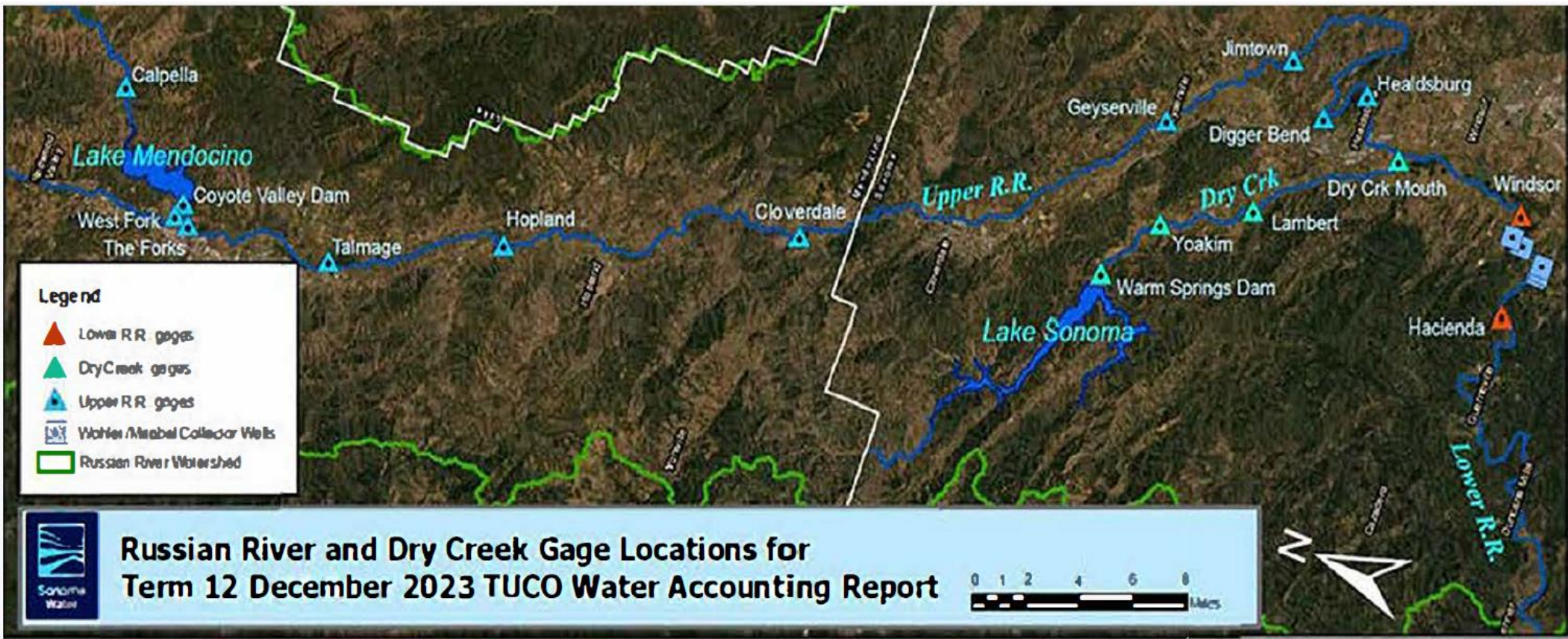
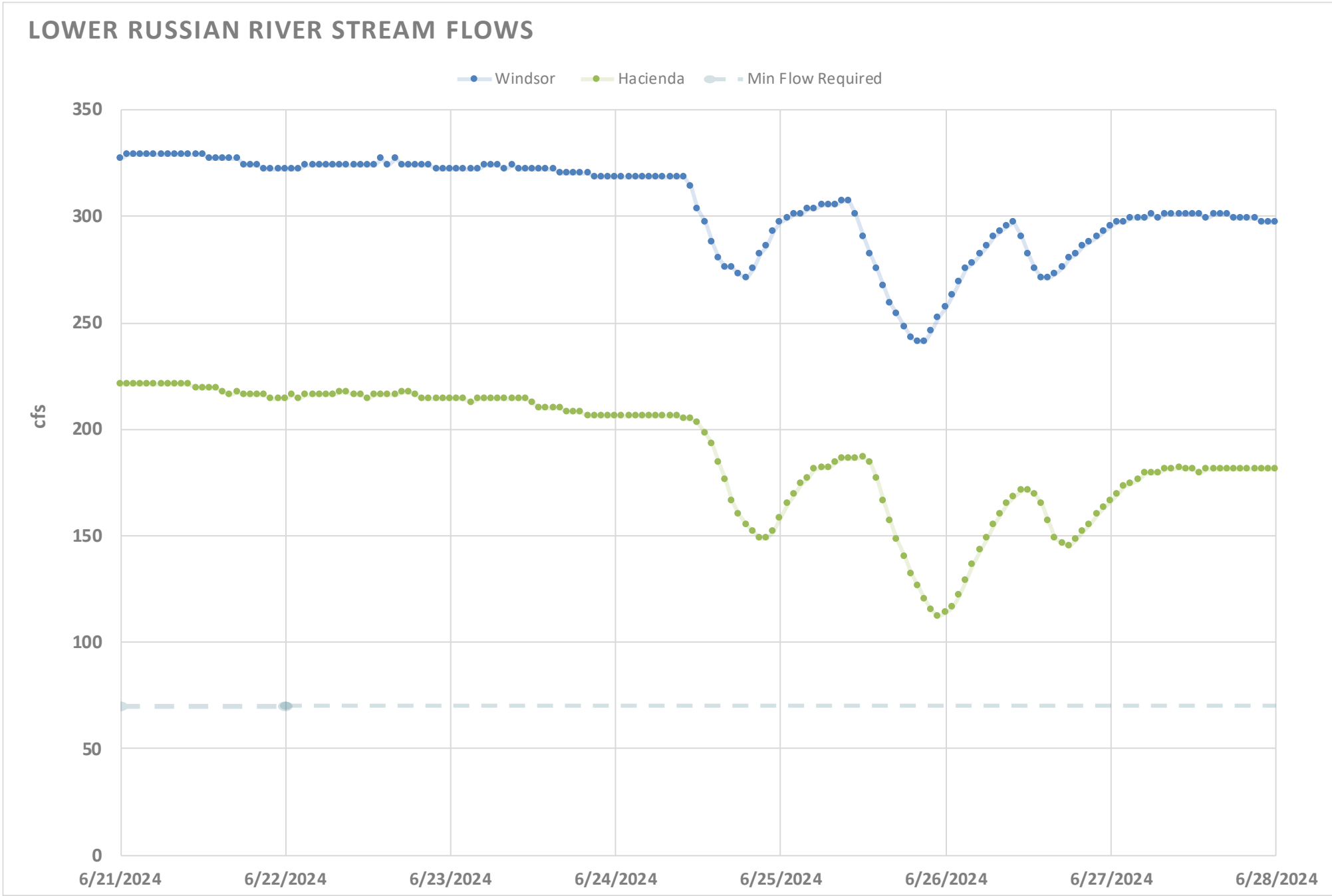
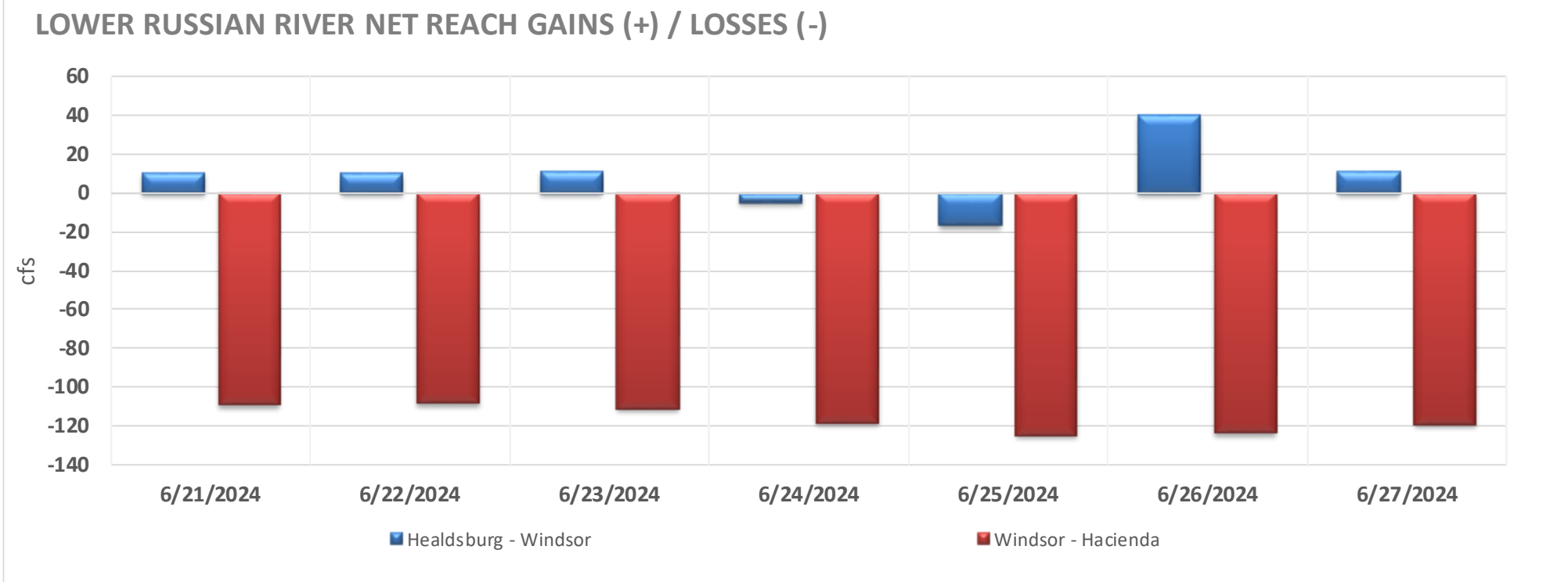


UPPER RUSSIAN RIVER STREAM FLOWS



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

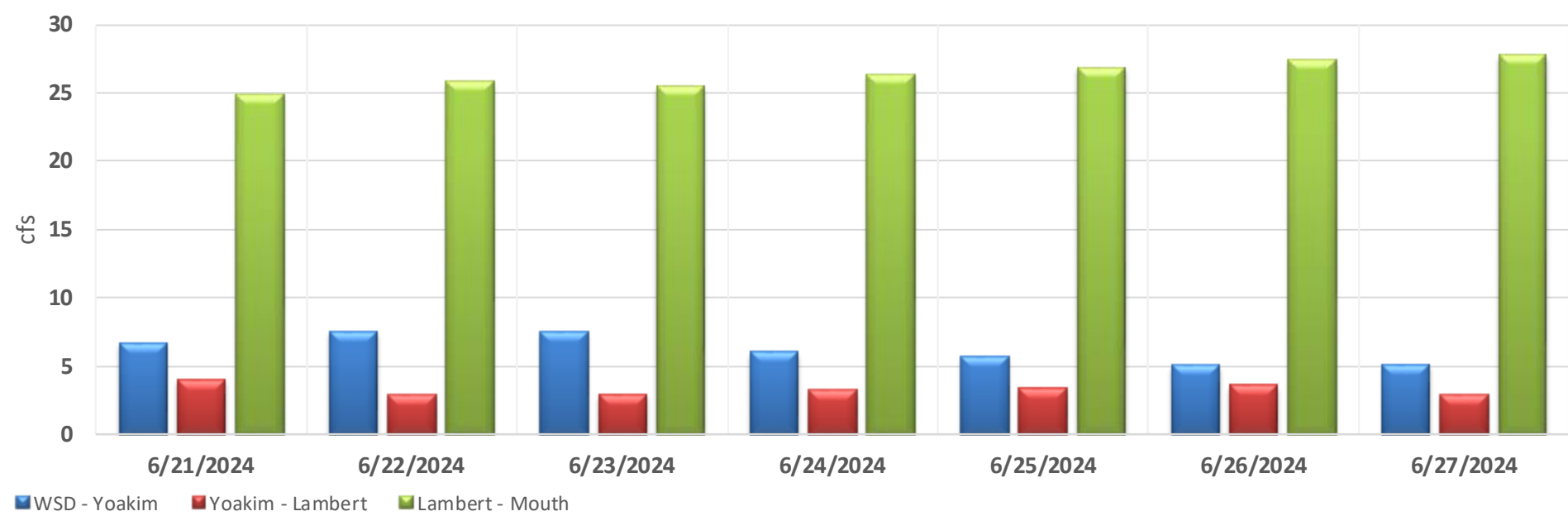
Report Date: 6/28/2024



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

Report Date: 6/28/2024

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



DRY CREEK STREAM FLOWS

