

	6/14/2024	6/15/2024	6/16/2024	6/17/2024	6/18/2024	6/19/2024	6/20/2024
I. Upper East Fork Reach							
Potter Valley Project							
Tunnel Diversion	100.0	100.0	100.0	100.0	100.0	100.0	100.0
PVID Requested Delivery	20.0	20.0	20.0	20.0	20.0	20.0	20.0
PVID Canals Actual Delivery	19.0	19.5	19.9	20.0	19.5	18.9	19.1
East Fork Release	81.0	80.0	80.0	80.0	80.0	81.0	81.0
PVID E Fork Diversions	1.0	0.5	0.1	0.1	0.5	1.1	0.9
PVID Water Use - PG&E Contract	20.0	20.0	20.0	20.0	20.0	20.0	20.0
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)	80.0	79.5	79.9	80.0	79.5	79.9	80.1
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	81.7	81.2	76.4	78.1	86.6	77.7	77.3
Net Reach Loss(-)/Gain(+)	-18.3	-18.8	-23.6	-21.9	-13.4	-22.3	-22.8
Unimpaired Natural Flow @ Calpella (est.)	4.9	4.9	4.6	4.6	4.9	4.9	4.6
Non-PVID East Fork Net Reach Losses (est.)	-3.2	-3.8	-8.2	-6.5	0.0	-7.3	-7.3
Natural Flow	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Import	-3.2	-3.8	-8.2	-6.5	0.0	-7.3	-7.3

II. Lake Mendocino

Reservoir Operations							
Calculated Inflow (ac-ft)	173	189	134	106	193	155	189
(cfs)	87	95	68	53	97	78	96
Natural Flow	4	11	0	0	17	0	8
Import	83	84	68	53	80	78	87
Storage Change (ac-ft)	-124.0	-107.0	-159.0	-160.0	-106.0	-142.0	-124.0
(cfs)	-63	-54	-80	-81	-53	-72	-63
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)	30.9	29.8	27.7	0.0	33.0	30.9	29.8
RVCWD Diversion (ac-ft)	0	0	0	0	0	0	0
CVD Release Gage	134	134	134	134	134	134	143
Storage (Project Water)	47	39	66	81	37	56	47
Natural Flow	4	11	0	0	17	0	8
Import Water	83	84	68	53	80	78	87
East Fork Min Instream Flow Requirement	25	25	25	25	25	25	25
Compliance Gage	Rvr mi.						
CVD Release	99.9	134	134	134	134	134	143
CVD Project Water Release to Meet Min Flow Requirement							
Total Pass-through Water	87	95	68	53	97	78	96
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	125
Controlling Compliance Gage								
Min Gage Flow		132	134	133	133	133	129	129
Controlling Gage		Talmage	Talmage	Talmage	Talmage	Talmage	Talmage	Talmage
All Compliance Gages		Rvr mi.						
Forks	(CVD + USGS 11461000)	99.0	140	140	140	139	139	147
Talmage	(USGS 11462080)	96.1	132	134	133	133	129	129
Hopland	(USGS 11462500)	84.8	173	175	176	174	173	167
Cloverdale	(USGS 11463000)	70.9	189	188	187	185	177	169
Geyserville	(USGS 11463500)	54.4	191	184	182	183	182	175
Jimtown	(USGS 11463682)	48.5	238	227	219	212	205	199
Digger Bend	(USGS 11463980)	38.2	215	207	204	200	194	188
Healdsburg	(USGS 11464000)	35.6	222	211	204	199	194	187
Net Reach Loss(-)/Gain(+)								
Forks - Talmage		-7	-6	-6	-6	-7	-10	-17
Talmage - Hopland		+41	+42	+43	+41	+40	+41	+40
Hopland - Cloverdale		+14	+13	+11	+9	+4	-1	+2
Cloverdale - Jimtown		+43	+40	+32	+26	+23	+25	+23
Jimtown - Digger Bend		-25	-21	-18	-13	-14	-13	-12
Digger Bend - Healdsburg	*when Digger Bend > 400 cfs, next u/s gage (Jimtown) used	+5	+3	-1	-2	-1	-1	-1
Upper Russian Net Reach Loss/Gain		+71	+70	+61	+54	+46	+40	+35
CVD Project Water Release to Meet Min Flow Requirement								
Net Reach Loss(-)/Gain(+) to Controlling Gage		-7	-6	-6	-6	-7	-10	-17
Storage (Project Water)		-7	-6	-6	-6	-7	-10	-17
Pass-through Water (Nat. + Imp.) + Natural		0	0	0	0	0	0	0
Total Pass-through Water		87	95	68	53	97	78	96
Project Water Release Required		Yes	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).

		6/14/2024	6/15/2024	6/16/2024	6/17/2024	6/18/2024	6/19/2024	6/20/2024
IV. Lake Sonoma								
Lake Sonoma								
Storage Change (ac-ft)		-219.0	-245.0	-245.0	-245.0	-244.0	-272.0	-244.0
(cfs)		-110	-124	-124	-124	-123	-137	-123
Evaporation (ac-ft)		45.8	49.0	49.0	49.0	48.9	39.1	37.5
Inflow (Natural Flow)		11	0	0	0	1	0	0
WSD Release Gage		98	98	98	99	99	99	99
Storage (Project Water)		87	98	98	99	98	99	99
Natural Flow		11	0	0	0	1	0	0
V. Lower Dry Creek Reach								
Minimum Instream Flow Requirement		80	80	80	80	80	80	80
Controlling Compliance Gage								
Min Gage Flow		98	98	98	99	99	99	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>	98	98	98	99	99	99	99
Yoakim (USGS 11465200)	<i>11.1</i>	108	108	108	109	109	108	108
Lambert (USGS 11465240)	<i>6.8</i>	114	114	114	114	114	113	112
Dry Crk Mouth (USGS 11465350)	<i>0.1</i>	136	137	137	137	137	137	137
WSD to Russian River Confluence Reach Analysis								
Total Pass-through Water		11	0	0	0	1	0	0
Net Reach Loss(-)/Gain(+)								
WSD - Yoakim		+7	+7	+7	+8	+8	+7	+7
Yoakim - Lambert		+6	+6	+6	+5	+5	+5	+4
Lambert - Dry Crk Mouth		+22	+23	+23	+23	+23	+24	+25
WSD - Dry Crk Mouth		+35	+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		130	123	134	134	117	134	135
Natural Flow		75	81	61	54	63	40	43
Dry Creek Flow (Mouth Gage)								
L. Sonoma Project Water		87	98	98	99	98	99	99
Natural Flow		49	39	39	38	39	38	38
Russian River d/s of Confluence Flow		358	348	341	336	331	324	320
L. Mendocino Project Water + Import Water		130	123	134	134	117	134	135
L. Sonoma Project Water		87	98	98	99	98	99	99
Natural Flow		123	120	100	92	102	78	81
VII. Lower Russian River Reach								
Minimum Instream Flow Requirement		70	70	70	70	70	70	70
Controlling Compliance Gage								
Min Gage Flow		265	258	250	244	238	228	223
Controlling Gage		Hacienda	Hacienda	Hacienda	Hacienda	Hacienda	Hacienda	Hacienda
All Compliance Gages		<i>Rvr mi.</i>						
Windsor (USGS 11465390)	<i>26.6</i>	360	353	348	345	341	334	330
Hacienda (USGS 11467000)	<i>21.8</i>	265	258	250	244	238	228	223
Confluence to Windsor Reach Analysis								
Net Reach Loss/Gain to Windsor Gage		+2	+5	+6	+8	+8	+8	+9
L. Mendocino Project Water + Import Water		130	123	134	134	117	134	135
L. Sonoma Project Water		82	93	93	93	93	94	94
Natural Flow		126	126	105	100	110	86	90
Confluence to SCWA Wohler Production Facility Reach Analysis								
Approx. Flow u/s of Wohler		345	342	331	330	321	318	304
Net Reach Loss(-)/Gain(+)		-13	-6	-10	-6	-10	-6	-15
L. Mendocino Project Water + Import Water		130	123	134	134	117	134	135
L. Sonoma Project Water		82	93	93	93	93	94	94
Natural Flow		110	114	90	86	92	72	66
Confluence to Hacienda (Guerneville) Reach Analysis								
Net Reach Loss(-)/Gain(+)		-93	-90	-91	-92	-93	-96	-97
L. Mendocino Project Water + Import Water		130	123	134	134	117	134	135
L. Sonoma Project Water		2	9	12	8	10	4	12
Natural Flow		110	114	90	86	92	72	66
VIII. Water Production under Sonoma Water Water Rights (ac-ft)								
Lower Russian River								
Sonoma Water Total		158.6	166.4	161.6	169.8	165.2	177.7	162.2
Wohler		70.0	74.9	67.1	62.9	67.6	66.3	62.8
Mirabel		88.6	91.5	94.4	106.8	97.6	111.4	99.4
Town of Windsor River Wellfield		10.2	9.6	9.2	10.6	10.7	10.7	10.0
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

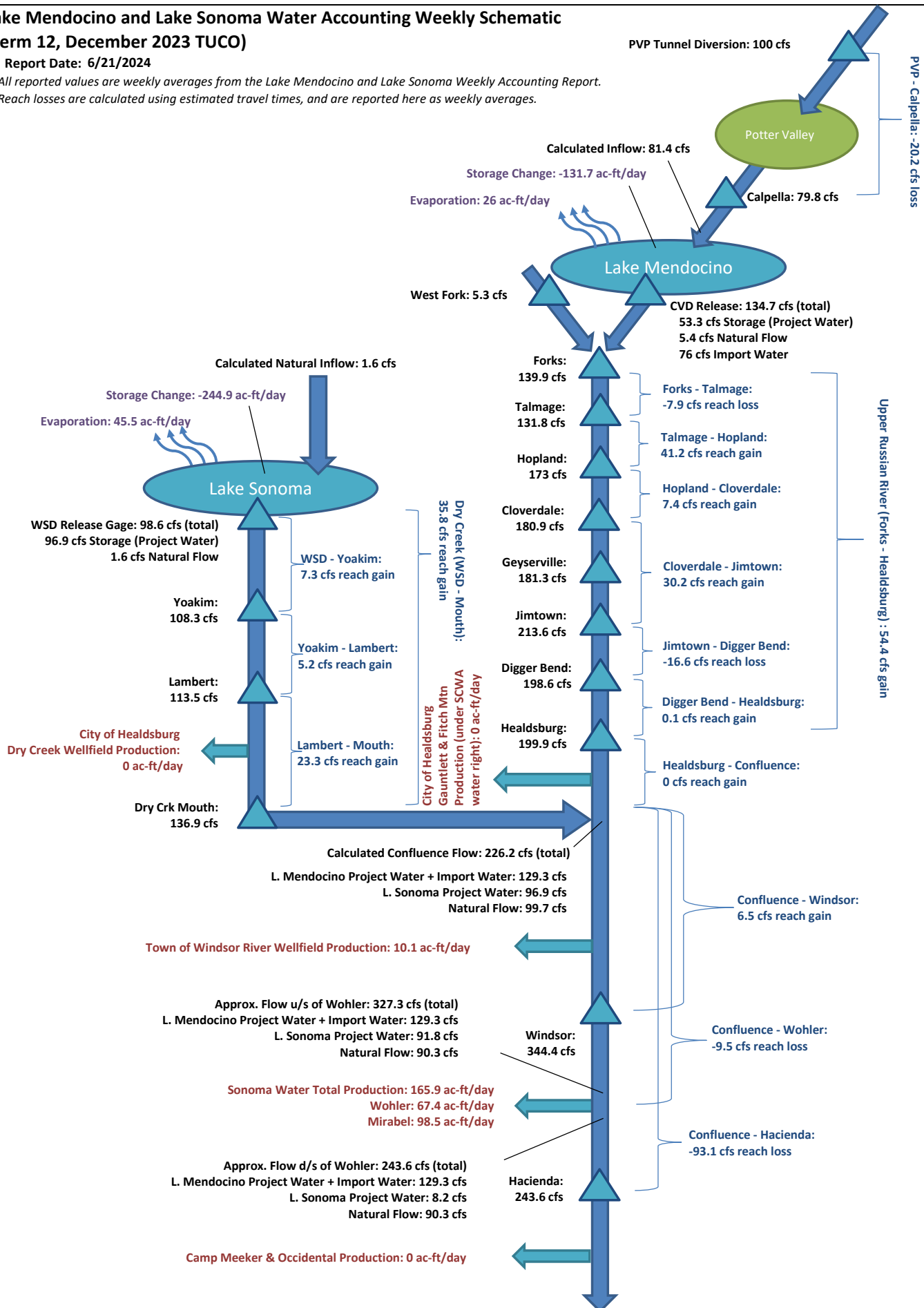
Notes:

- 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: 6/21/2024

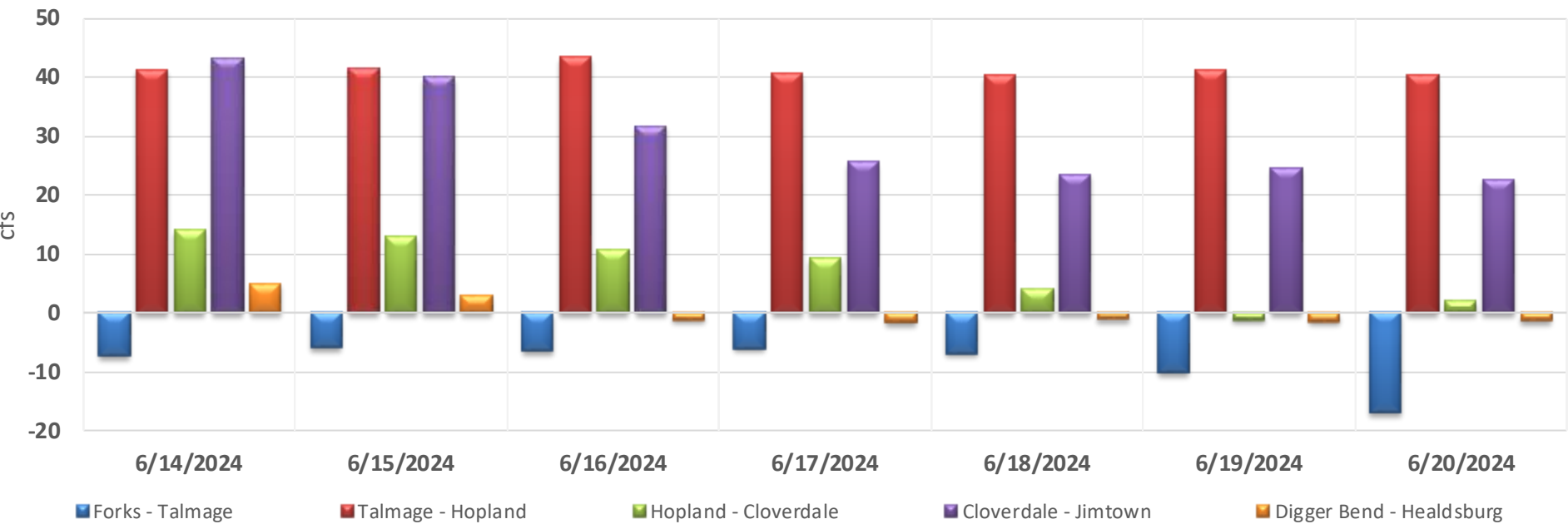
All reported values are weekly averages from the Lake Mendocino and Lake Sonoma Weekly Accounting Report.
Reach losses are calculated using estimated travel times, and are reported here as weekly averages.



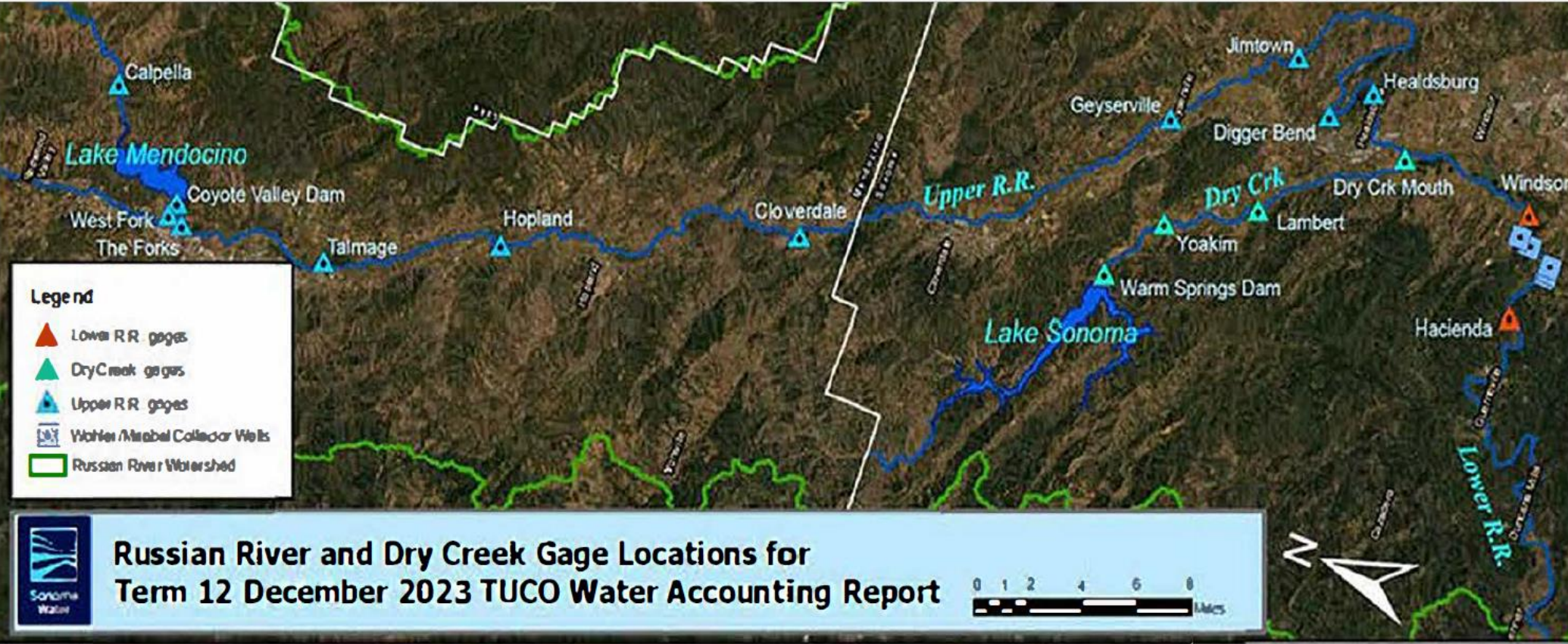
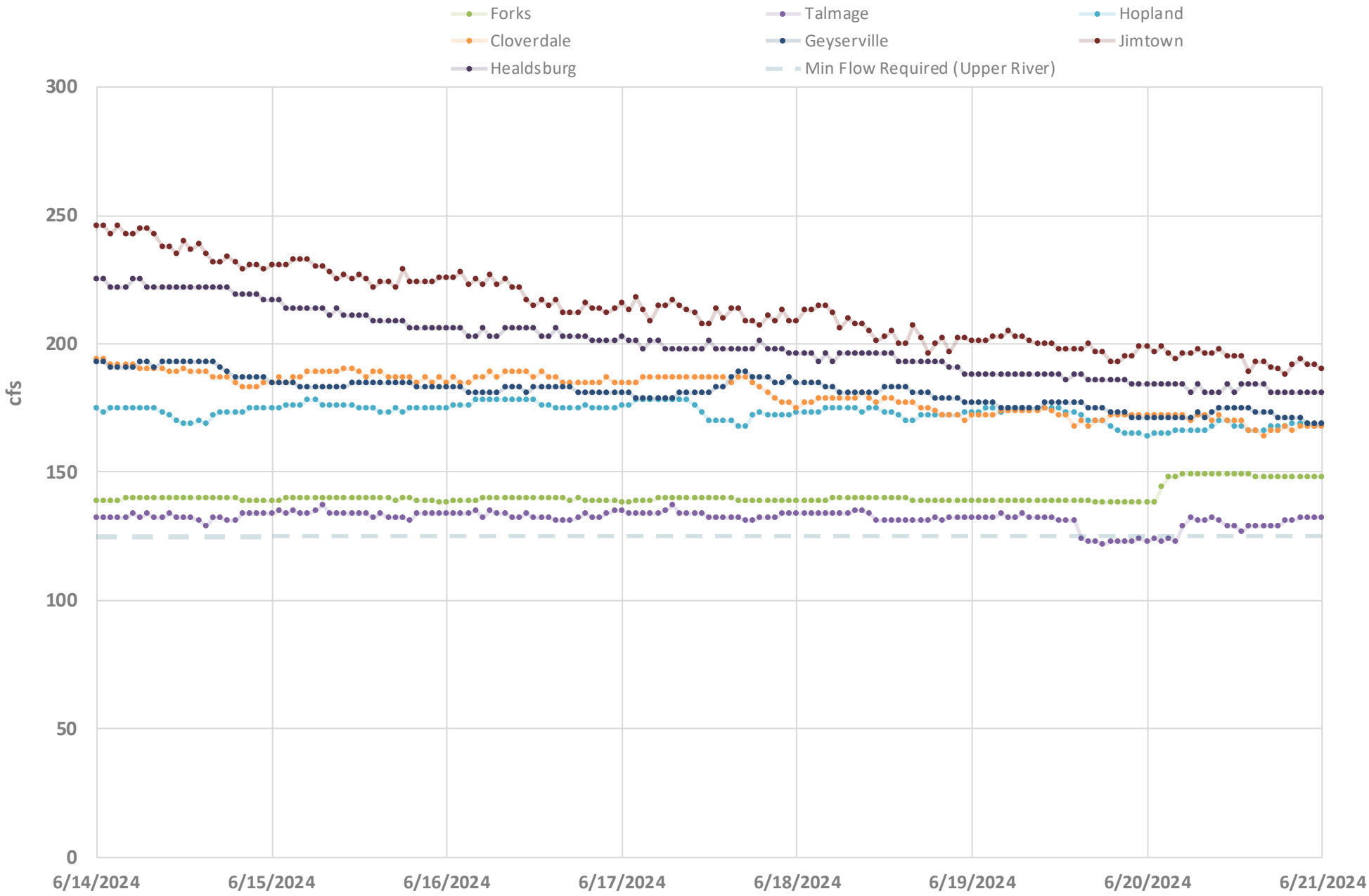
Lake Mendocino and Lake Sonoma Water Accounting Weekly Report (Term 12, Dec 2023 TUCO)

Report Date: 6/21/2024

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



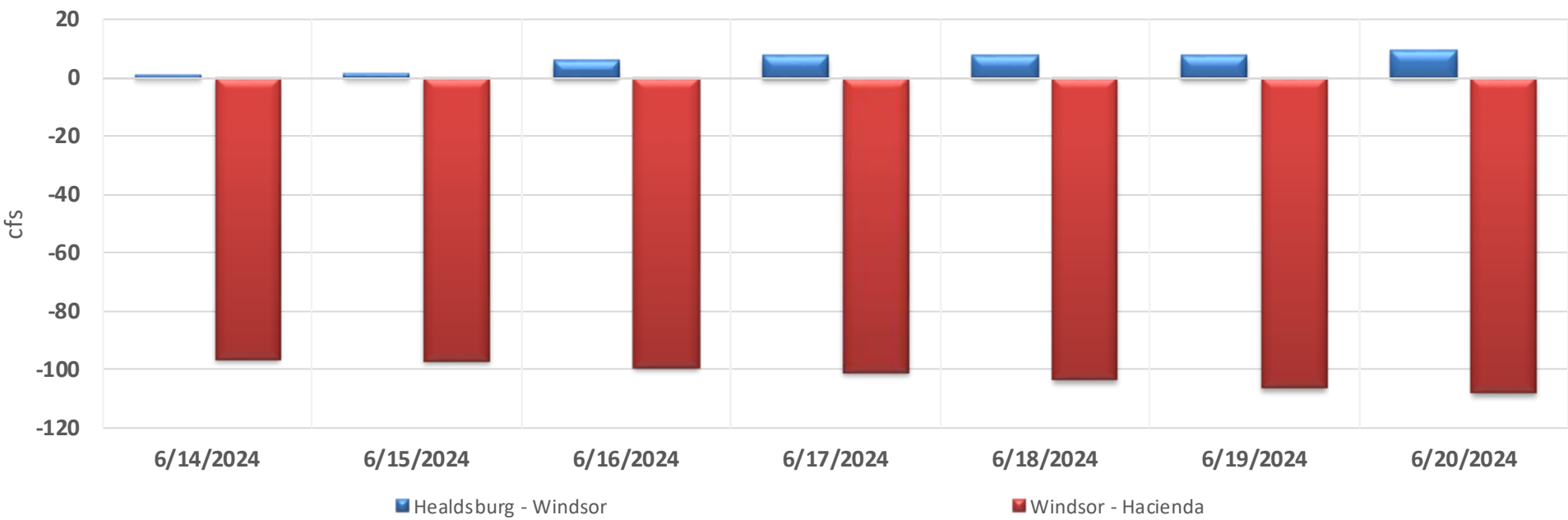
UPPER RUSSIAN RIVER STREAM FLOWS



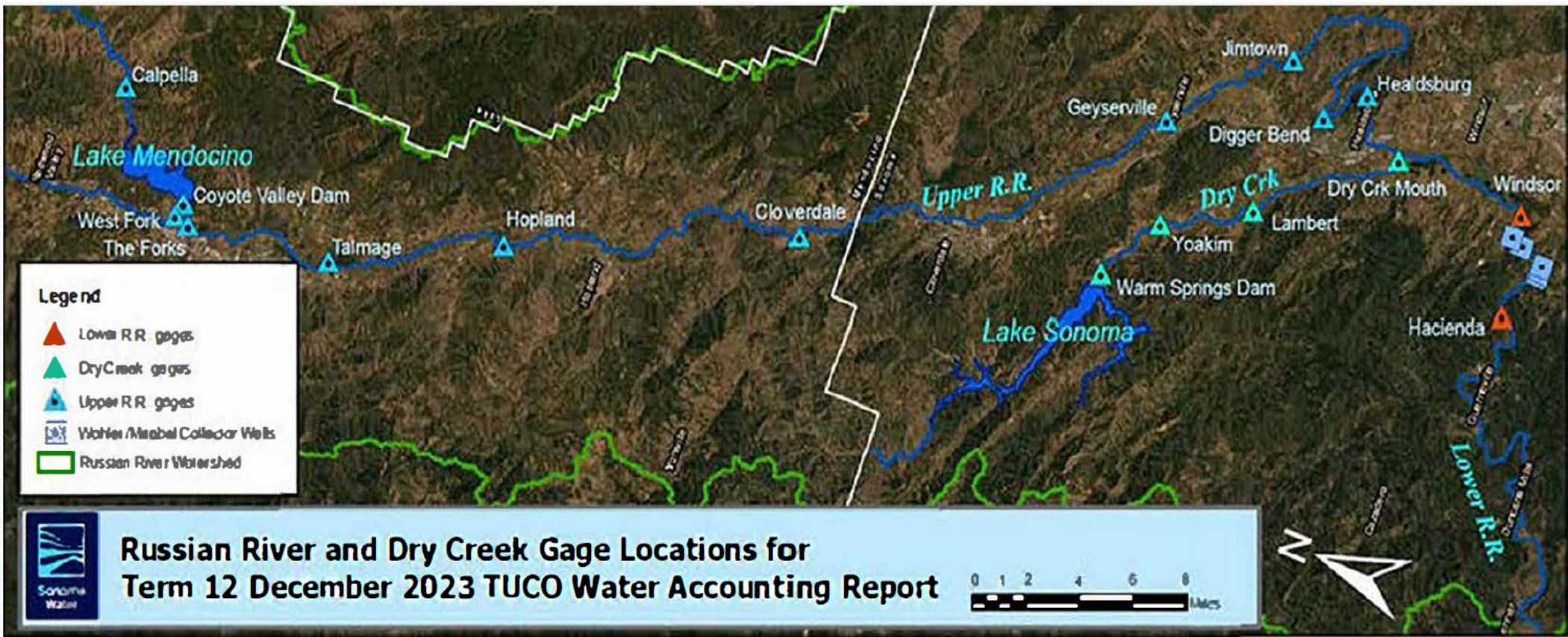
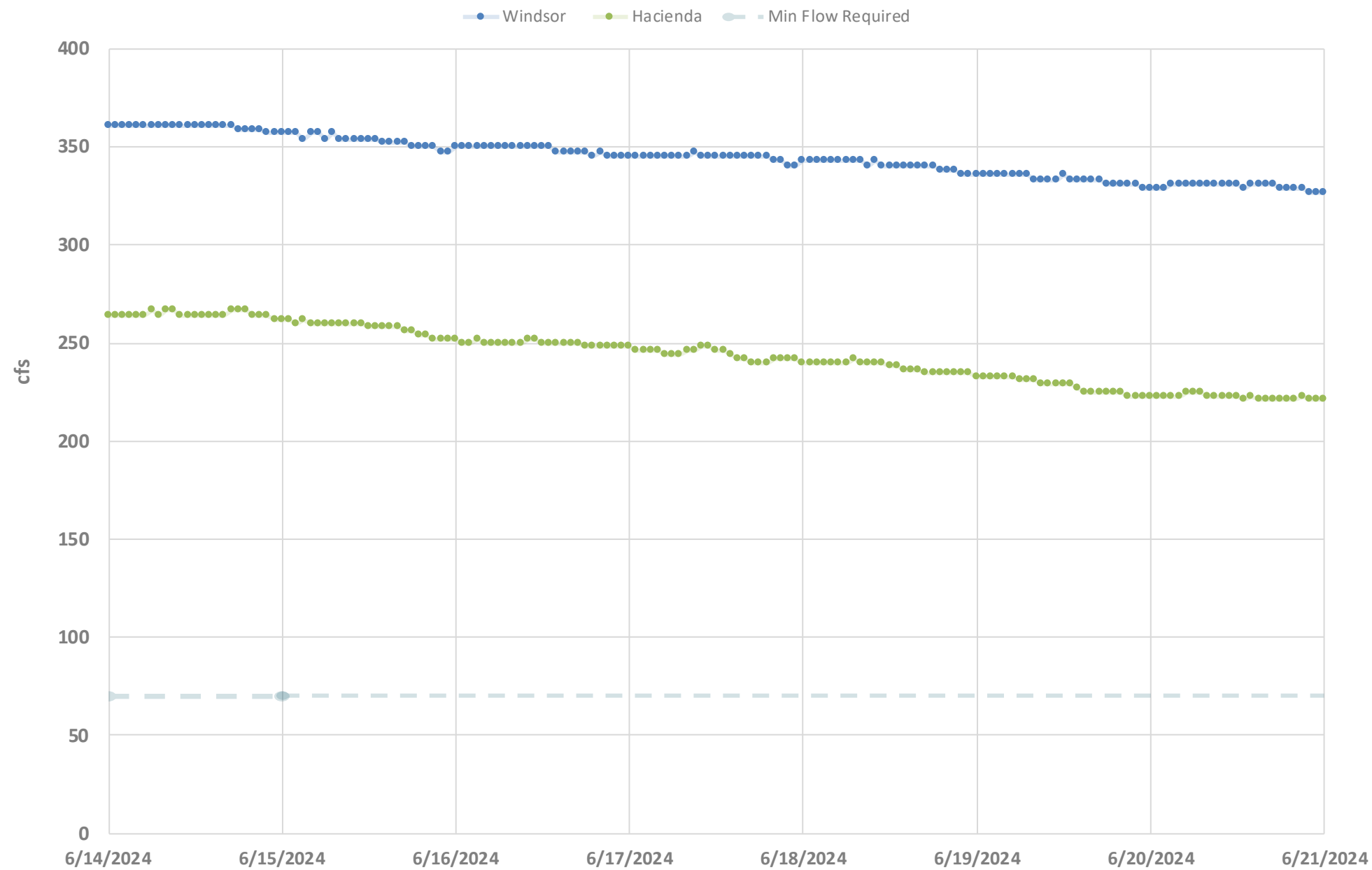
Lake Mendocino and Lake Sonoma Water Accounting Weekly Report (Term 12, Dec 2023 TUCO)

Report Date: 6/21/2024

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: 6/21/2024

