

Units are cfs unless noted otherwise

	1/17/2025	1/18/2025	1/19/2025	1/20/2025	1/21/2025	1/22/2025	1/23/2025
I. Upper East Fork Reach							
Potter Valley Project							
Tunnel Diversion	45.0	46.0	45.0	46.0	46.0	45.0	45.0
PVID Requested Delivery	5.0	5.0	5.0	5.0	5.0	5.0	5.0
PVID Canals Actual Delivery	1.8	1.8	1.8	1.8	1.8	2.0	2.1
East Fork Release	43.0	44.0	43.0	44.0	44.0	43.0	43.0
PVID E Fork Diversions	3.2	3.2	3.2	3.2	3.2	3.0	2.9
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)	39.8	40.8	39.8	40.8	40.8	40.0	40.1
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	124.4	119.0	115.5	111.1	105.3	102.6	98.5
Net Reach Loss(-)/Gain(+)	+79.4	+73.0	+70.5	+65.1	+59.3	+57.6	+53.5
Unimpaired Natural Flow @ Calpella (est.)	27.5	25.6	24.0	22.9	21.3	20.2	19.7
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)	240	236	235	201	238	185	185
(cfs)	121	119	119	101	120	93	93
Natural Flow	81	78	79	60	79	53	53
Import	40	41	40	41	41	40	40
Storage Change (ac-ft)	-35.0	-17.0	-17.0	-52.0	-17.0	-69.0	-69.0
(cfs)	-18	-9	-9	-26	-9	-35	-35
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)	6.8	6.8	5.7	6.8	9.1	8.0	8.0
RVCWD Diversion (ac-ft)	0	0	0	0	0	0	0
CVD Release Gage	135	124	124	124	124	124	124
Storage (Project Water)	14	5	6	23	4	31	31
Natural Flow	81	78	79	60	79	53	53
Import Water	40	41	40	41	41	40	40

East Fork Min Instream Flow Requirement

Compliance Gage	Rvr mi.						
CVD Release	99.9	135	124	124	124	124	124

CVD Project Water Release to Meet Min Flow Requirement

Total Pass-through Water	121	119	119	101	120	93	93
Project Water Release Required	No	No	No	No	No	No	No

III. Upper Russian River Reach

Minimum Instream Flow Requirement

	150	150	150	150	150	150	150
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Controlling Compliance Gage

Min Gage Flow	202	186	181	178	174	171	170
Controlling Gage	Forks	Forks	Forks	Forks	Forks	Forks	Forks

All Compliance Gages

	Rvr mi.						
Forks	(CVD + USGS 11461000) 99.0	202	186	181	178	174	170
Talmage	(USGS 11462080) 96.1	312	278	271	265	259	249
Hopland	(USGS 11462500) 84.8	429	397	383	370	356	338
Cloverdale	(USGS 11463000) 70.9	520	475	449	428	405	375
Geyserville	(USGS 11463500) 54.4	858	796	747	713	675	623
Jimtown	(USGS 11463682) 48.5	889	837	792	758	725	677
Digger Bend	(USGS 11463980) 38.2	>400 cfs	>400 cfs	>400 cfs	>400 cfs	>400 cfs	>400 cfs
Healdsburg	(USGS 11464000) 35.6	1,053	985	918	868	817	735

Net Reach Loss(-)/Gain(+)

Forks - Talmage	+105	+91	+89	+86	+84	+82	+80
Talmage - Hopland	+109	+116	+111	+104	+97	+92	+88
Hopland - Cloverdale	+80	+73	+63	+53	+45	+40	+34
Cloverdale - Jimtown	+358	+345	+334	+322	+312	+304	+297
Jimtown - Digger Bend	n/d	n/d	n/d	n/d	n/d	n/d	n/d
Digger Bend - Healdsburg <i>*when Digger Bend > 400 cfs, next u/s gage (Jimtown) used</i>	+158	+141	+122	+106	+88	+69	+55
Upper Russian Net Reach Loss/Gain	+810	+766	+719	+671	+626	+588	+554

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	121	119	119	101	120	93	93
Project Water Release Required	No	No	No	No	No	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).

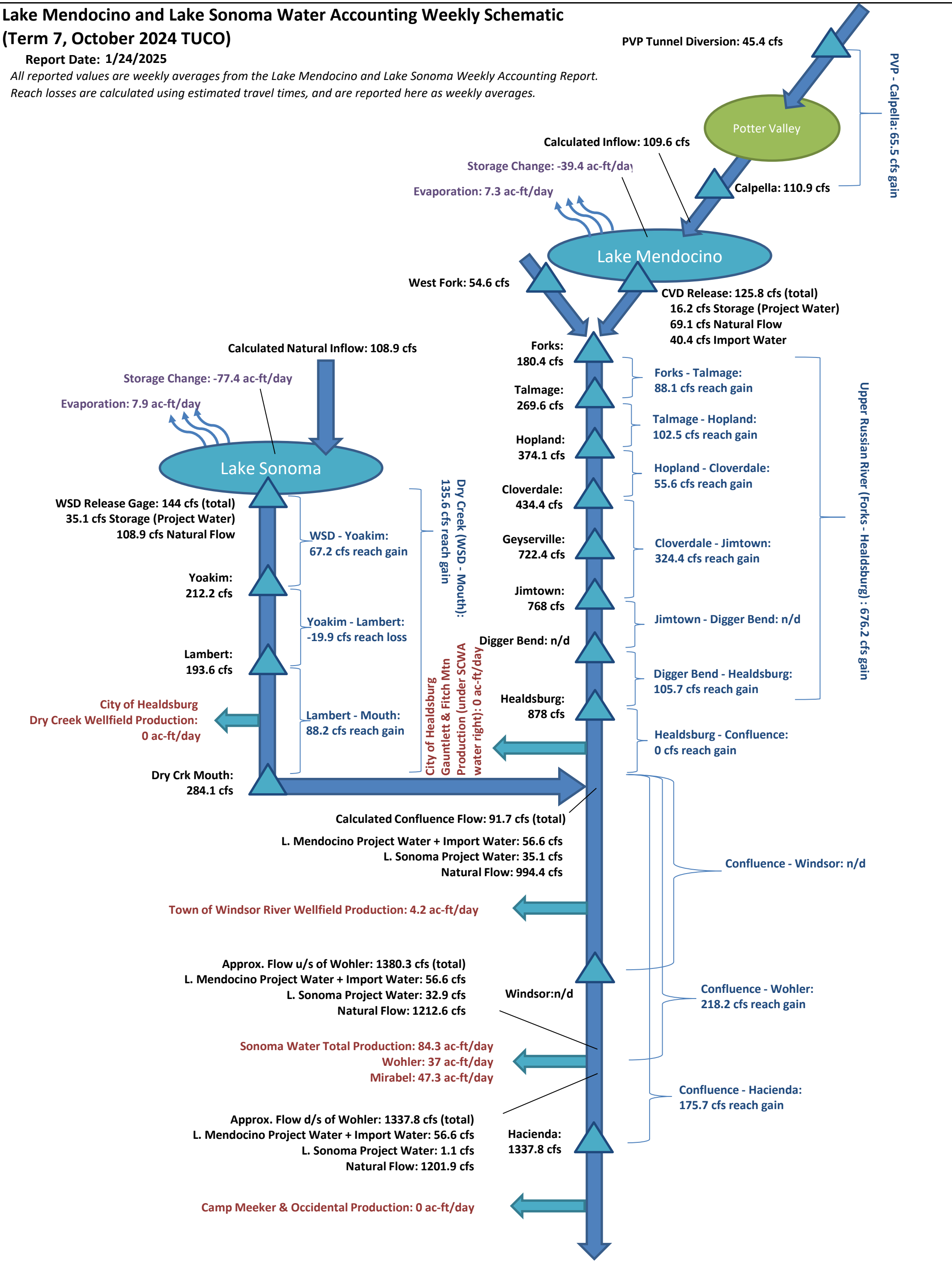
		1/17/2025	1/18/2025	1/19/2025	1/20/2025	1/21/2025	1/22/2025	1/23/2025
IV. Lake Sonoma								
Lake Sonoma								
Storage Change (ac-ft)		-82.0	-67.0	-41.0	-108.0	-108.0	-55.0	-81.0
(cfs)		-41	-34	-21	-54	-54	-28	-41
Evaporation (ac-ft)		5.4	5.4	5.4	12.5	8.9	8.9	8.9
Inflow (Natural Flow)		133	120	133	103	88	100	86
WSD Release Gage		172	151	151	151	138	123	122
Storage (Project Water)		39	31	18	48	50	23	36
Natural Flow		133	120	133	103	88	100	86
V. Lower Dry Creek Reach								
Minimum Instream Flow Requirement		75	75	75	75	75	75	75
Controlling Compliance Gage								
Min Gage Flow		172	151	151	151	138	123	122
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>	172	151	151	151	138	123	122
Yoakim (USGS 11465200)	<i>11.1</i>	250	222	214	217	210	188	184
Lambert (USGS 11465240)	<i>6.8</i>	235	203	197	194	187	172	168
Dry Crk Mouth (USGS 11465350)	<i>0.1</i>	360	324	292	284	268	236	224
WSD to Russian River Confluence Reach Analysis								
Total Pass-through Water		133	120	133	103	88	100	86
Net Reach Loss(-)/Gain(+)								
WSD - Yoakim		+75	+71	+63	+66	+69	+65	+62
Yoakim - Lambert		-21	-20	-17	-22	-25	-16	-18
Lambert - Dry Crk Mouth		+116	+120	+95	+89	+78	+63	+56
WSD - Dry Crk Mouth		+171	+172	+141	+132	+122	+112	+100
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		54	46	46	64	45	71	71
Natural Flow		891	844	797	732	705	641	607
Dry Creek Flow (Mouth Gage)								
L. Sonoma Project Water		39	31	18	48	50	23	36
Natural Flow		322	293	274	235	218	213	188
Russian River d/s of Confluence Flow		1,413	1,309	1,210	1,152	1,085	1,007	959
L. Mendocino Project Water + Import Water		54	46	46	64	45	71	71
L. Sonoma Project Water		39	31	18	48	50	23	36
Natural Flow		1,212	1,137	1,072	967	923	854	795
VII. Lower Russian River Reach								
Minimum Instream Flow Requirement		125	125	125	125	125	125	125
Controlling Compliance Gage								
Min Gage Flow		1,549	1,467	1,390	1,332	1,270	1,204	1,153
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>	1,549	1,467	1,390	1,332	1,270	1,204	1,153
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		1,592	1,504	1,433	1,375	1,313	1,246	1,199
Net Reach Loss(-)/Gain(+)		+178	+195	+223	+223	+228	+239	+240
L. Mendocino Project Water + Import Water		54	46	46	64	45	71	71
L. Sonoma Project Water		37	29	16	46	48	21	34
Natural Flow		1,391	1,332	1,295	1,191	1,151	1,094	1,035
Confluence to Hacienda (Guerneville) Reach Analysis								
Net Reach Loss(-)/Gain(+)		+136	+157	+180	+180	+185	+197	+194
L. Mendocino Project Water + Import Water		54	46	46	64	45	71	71
L. Sonoma Project Water		0	0	0	2	5	0	0
Natural Flow		1,385	1,324	1,268	1,191	1,151	1,072	1,023
VIII. Water Production under Sonoma Water Water Rights (ac-ft)								
Lower Russian River								
Sonoma Water Total		84.3	74.2	84.8	86.2	84.8	84.7	91.2
Wohler		38.6	29.5	39.4	39.0	37.7	37.7	37.6
Mirabel		45.7	44.7	45.5	47.2	47.1	47.1	53.6
Town of Windsor River Wellfield		4.2	3.9	4.0	4.7	4.1	4.4	4.4
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

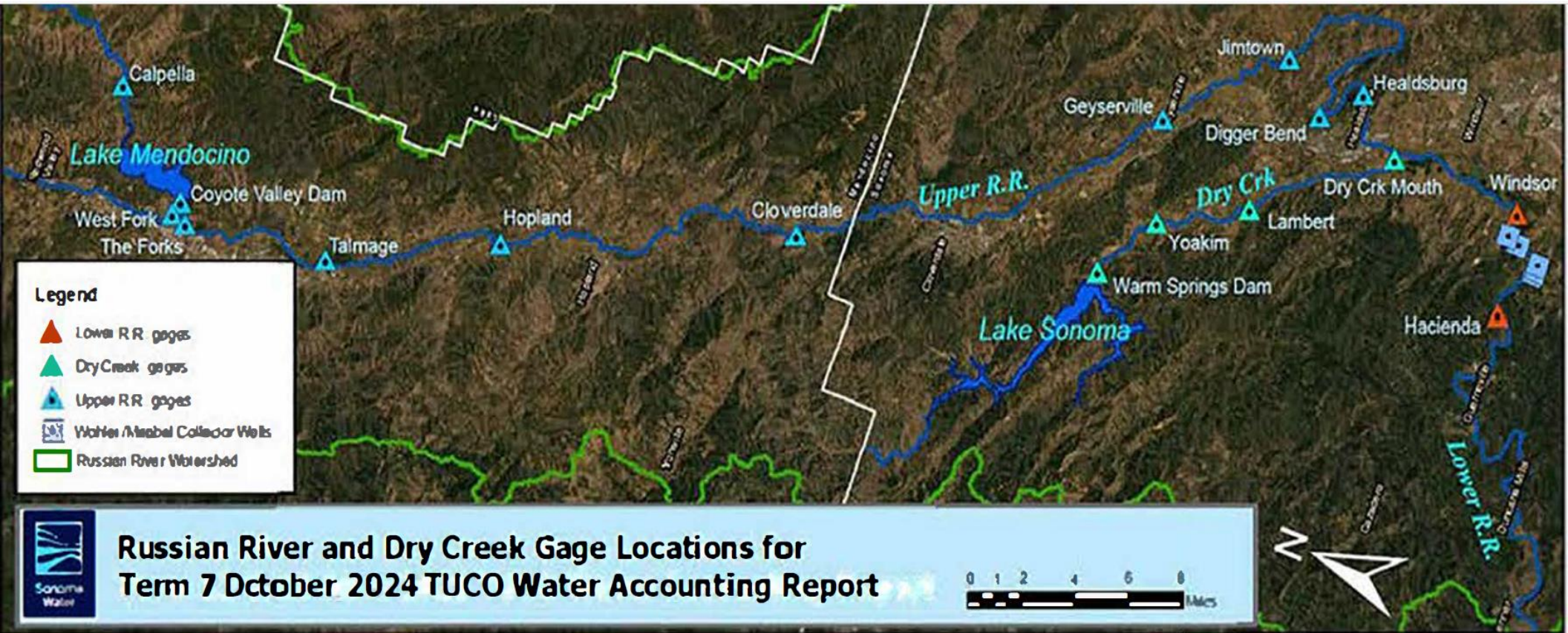
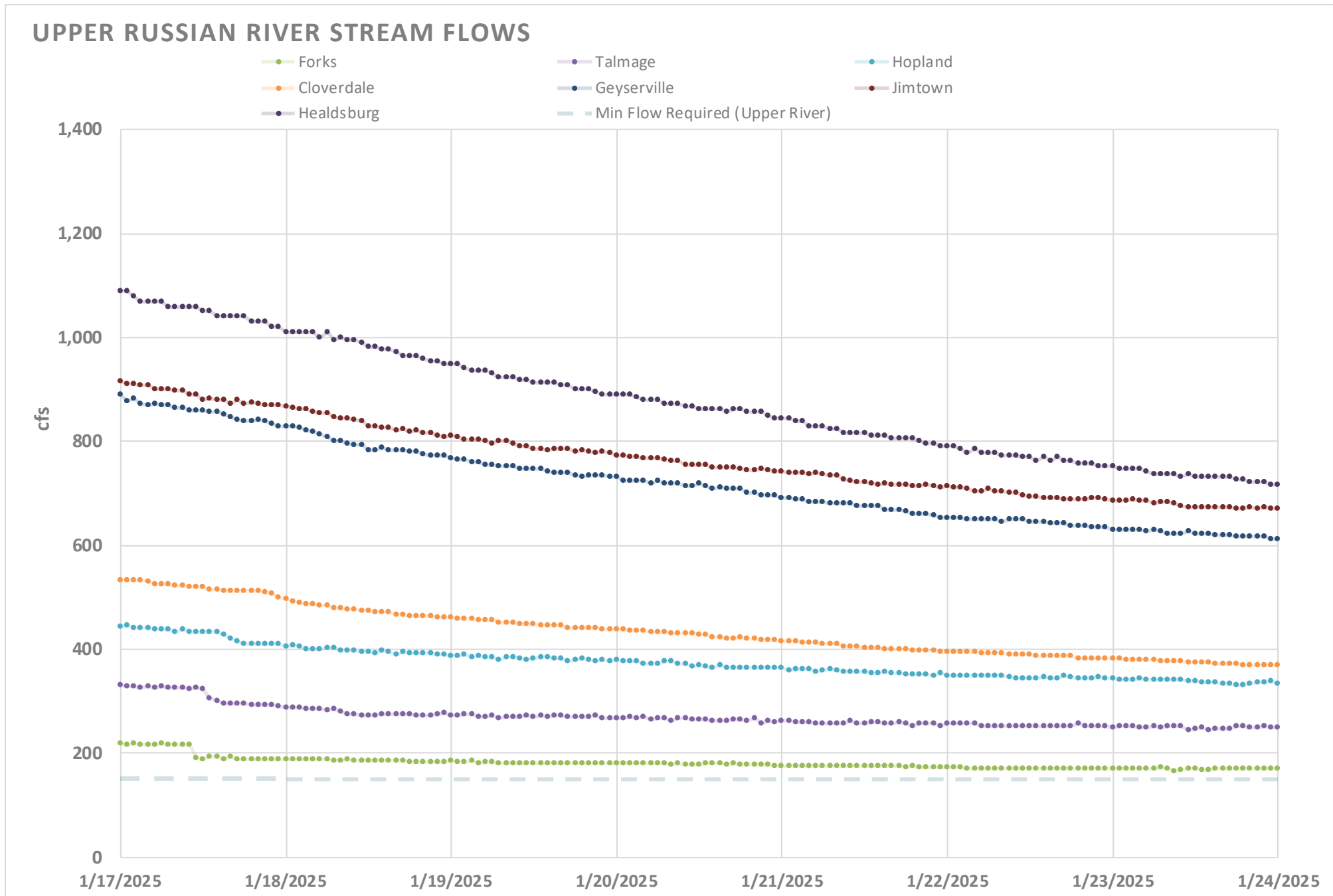
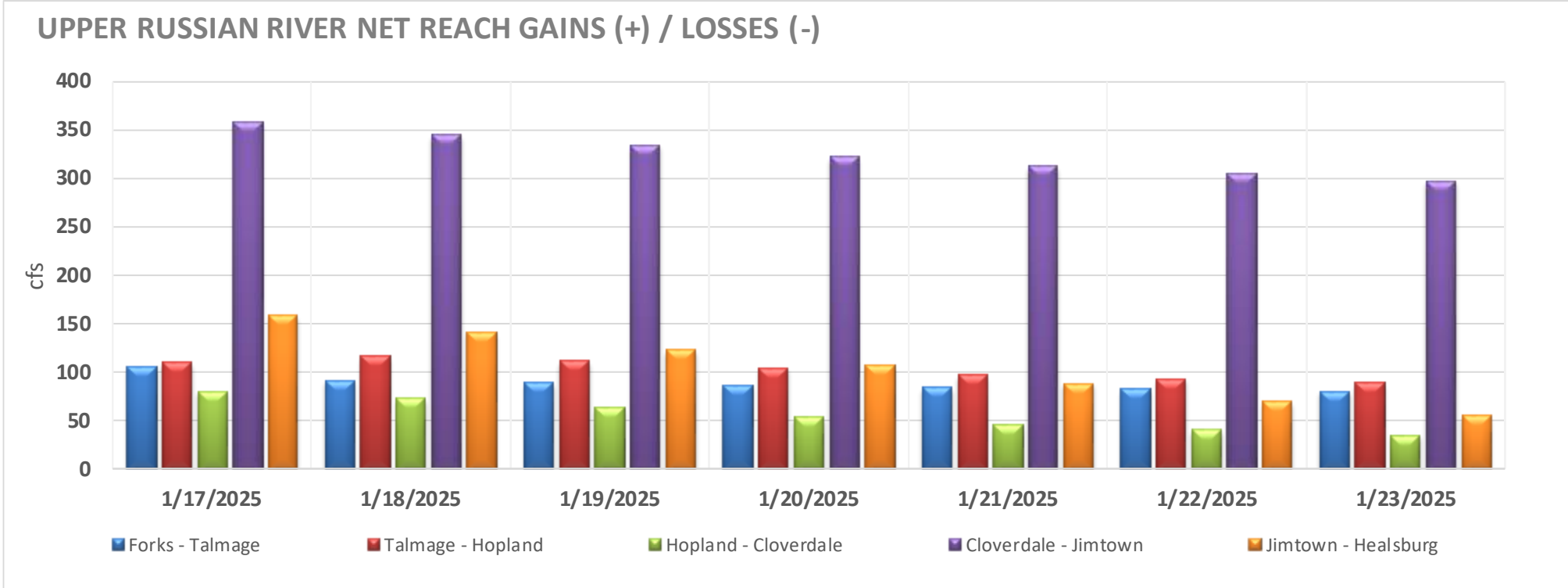
Notes:

- 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 7, October 2024 TUCO)

Report Date: 1/24/2025
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.

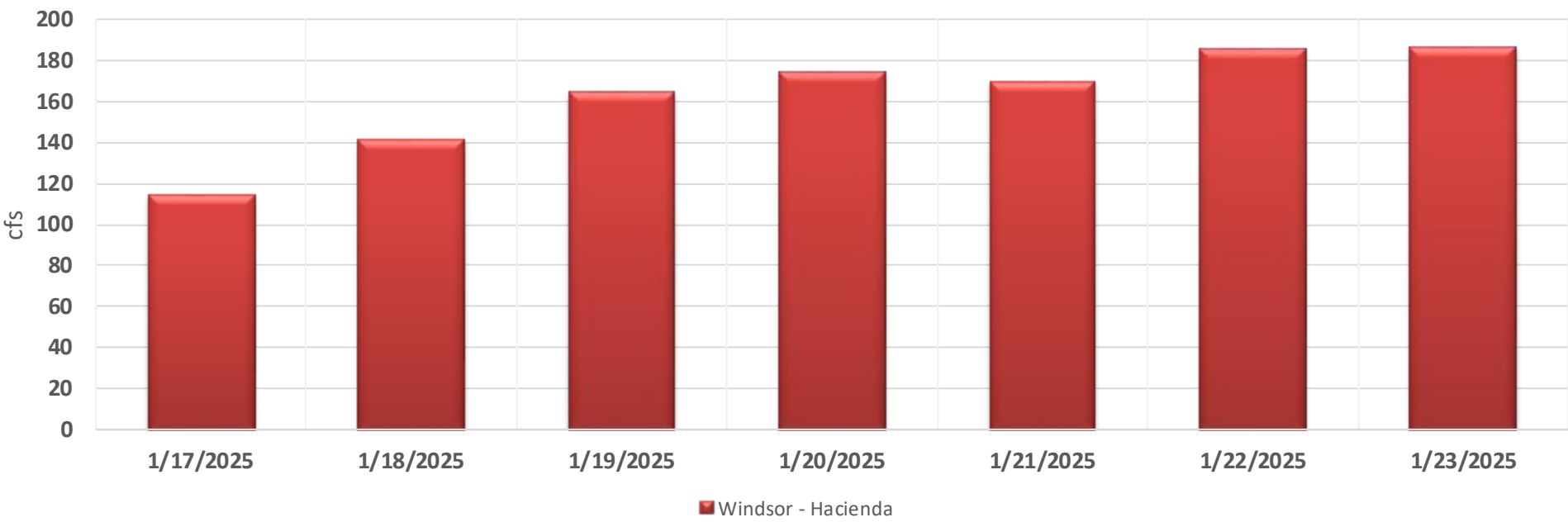




Lake Mendocino and Lake Sonoma Water Accounting Weekly Report (Term 7, October 2024 TUCO)

Report Date: 1/24/2025

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



LOWER RUSSIAN RIVER STREAM FLOWS

