

Units are cfs unless noted otherwise

	12/6/2024	12/7/2024	12/8/2024	12/9/2024	12/10/2024	12/11/2024	12/12/2024
I. Upper East Fork Reach							
Potter Valley Project							
Tunnel Diversion	46.0	46.0	46.0	46.0	46.0	46.0	46.0
PVID Requested Delivery	5.0	5.0	5.0	5.0	5.0	5.0	5.0
PVID Canals Actual Delivery	4.7	4.7	4.7	4.7	4.7	4.7	4.7
East Fork Release	41.0	41.0	41.0	41.0	41.0	41.0	41.0
PVID E Fork Diversions	0.3	0.3	0.3	0.3	0.3	0.3	0.3
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)	40.7	40.7	40.7	40.7	40.7	40.7	40.7
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	76.3	74.9	73.6	72.2	71.2	71.5	546.6
Net Reach Loss(-)/Gain(+)	+30.3	+28.9	+27.6	+26.2	+25.2	+25.5	+500.6
Unimpaired Natural Flow @ Calpella (est.)	31.3	29.4	29.1	28.3	26.9	26.5	29.1
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)	171	143	138	111	132	161	992
(cfs)	86	72	70	56	66	81	500
Natural Flow	45	31	29	15	25	40	459
Import	41	41	41	41	41	41	41
Storage Change (ac-ft)	+0.0	-32.0	-49.0	-81.0	-64.0	-33.0	+827.0
(cfs)	+0	-16	-25	-41	-32	-17	+417
Stored Natural Flow (cfs)	0	0	0	0	0	0	417
Stored Import Water (cfs)	0	0	0	0	0	0	0
Evaporation (ac-ft)	8.8	7.5	5.0	6.3	7.5	6.3	6.3
RVCWD Diversion (ac-ft)	0	0	0	0	0	0	0
CVD Release Gage	82	84	92	94	95	95	80
Storage (Project Water)	0	12	22	38	28	13	0
Natural Flow	43	31	29	15	25	40	40
Import Water	39	41	41	41	41	41	39
East Fork Min Instream Flow Requirement	25	25	25	25	25	25	25
Compliance Gage	Rvr mi.						
CVD Release	99.9	82	84	92	94	95	80
CVD Project Water Release to Meet Min Flow Requirement							
Total Pass-through Water	82	72	70	56	66	81	80
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	157	156	162	160	159	158	491
Controlling Gage	Forks	Forks	Forks	Forks	Forks	Forks	Hopland

<u>All Compliance Gages</u>		<u>Rvr mi.</u>
Forks	(CVD + USGS 11461000)	99.0
Talmage	(USGS 11462080)	96.1
Hopland	(USGS 11462500)	84.8
Cloverdale	(USGS 11463000)	70.9
Geyserville	(USGS 11463500)	54.4
Jimtown	(USGS 11463682)	48.5
Digger Bend	(USGS 11463980)	38.2
Healdsburg	(USGS 11464000)	35.6

Net Reach Loss(-)/Gain(+)

Forks - Talmage	+31	+32	+33	+32	+31	+30	+306
Talmage - Hopland	+10	+10	+6	+4	+4	+4	+40
Hopland - Cloverdale	+76	+66	+58	+52	+46	+41	+214
Cloverdale - Jimtown	+246	+230	+215	+199	+185	+178	+214
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>	+68	+53	+47	+37	+35	+32	+135
Upper Russian Net Reach Loss/Gain	+430	+391	+359	+323	+300	+286	+908

CVD Project Water Release to Meet Min Flow Requirement

Net Reach Loss(-)/Gain(+) to Controlling Gage	+0	+0	+0	+0	+0	+0	+345
Storage (Project Water)	0	0	0	0	0	0	0
Pass-through Water (Nat. + Imp.) + Natural	0	0	0	0	0	0	345
Total Pass-through Water	82	72	70	56	66	81	425
Project Water Release Required	No	Yes	Yes	Yes	Yes	Yes	No

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).

		12/6/2024	12/7/2024	12/8/2024	12/9/2024	12/10/2024	12/11/2024	12/12/2024
IV. Lake Sonoma								
Lake Sonoma								
Storage Change (ac-ft)		-108.0	-81.0	-81.0	-135.0	-162.0	+0.0	+486.0
(cfs)		-54	-41	-41	-68	-82	+0	+245
Evaporation (ac-ft)		8.3	8.3	8.3	8.3	6.2	6.2	4.2
Inflow (Natural Flow)		56	69	69	42	27	108	352
WSD Release Gage		106	106	106	106	106	105	105
Storage (Project Water)		50	37	37	64	79	0	0
Natural Flow		56	69	69	42	27	105	105
V. Lower Dry Creek Reach								
Minimum Instream Flow Requirement		105	105	105	105	105	105	105
Controlling Compliance Gage								
Min Gage Flow		106	106	106	106	106	105	105
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>	106	106	106	106	106	105	105
Yoakim (USGS 11465200)	<i>11.1</i>	154	151	148	145	143	142	185
Lambert (USGS 11465240)	<i>6.8</i>	153	150	148	145	142	140	171
Dry Crk Mouth (USGS 11465350)	<i>0.1</i>	183	179	176	174	172	168	308
WSD to Russian River Confluence Reach Analysis								
Total Pass-through Water		56	69	69	42	27	105	105
Net Reach Loss(-)/Gain(+)								
WSD - Yoakim		+53	+50	+47	+44	+42	+42	+84
Yoakim - Lambert		-1	-1	-0	-1	-1	-2	-10
Lambert - Dry Crk Mouth		+29	+29	+27	+28	+29	+29	+143
WSD - Dry Crk Mouth		+81	+78	+74	+72	+70	+68	+217
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	No	No
VI. Russian River - Dry Creek Confluence								
Upper Russian River Flow (Healdsburg Gage)								
L. Mendocino Project Water + Import Water		39	53	63	79	69	54	39
Natural Flow		473	422	388	338	325	326	949
Dry Creek Flow (Mouth Gage)								
L. Sonoma Project Water		50	37	37	64	79	0	0
Natural Flow		137	147	143	114	98	168	308
Russian River d/s of Confluence Flow		787	739	698	668	640	616	921
L. Mendocino Project Water + Import Water		39	53	63	79	69	54	39
L. Sonoma Project Water		50	37	37	64	79	0	0
Natural Flow		610	569	531	452	423	494	1,257
VII. Lower Russian River Reach								
Minimum Instream Flow Requirement		125	125	125	125	125	125	125
Controlling Compliance Gage								
Min Gage Flow		1,225	1,127	1,038	970	909	854	1,271
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>	1,225	1,127	1,038	970	909	854	1,271
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		1,275	1,185	1,092	1,023	963	911	1,325
Net Reach Loss(-)/Gain(+)		+488	+446	+394	+354	+323	+295	+404
L. Mendocino Project Water + Import Water		39	53	63	79	69	54	39
L. Sonoma Project Water		48	35	35	62	76	0	0
Natural Flow		1,098	1,015	925	806	746	789	1,661
Confluence to Hacienda (Guerneville) Reach Analysis								
Net Reach Loss(-)/Gain(+)		+438	+388	+340	+301	+269	+238	+349
L. Mendocino Project Water + Import Water		39	53	63	79	69	54	39
L. Sonoma Project Water		0	0	0	9	22	0	0
Natural Flow		1,097	992	906	806	746	732	1,606
VIII. Water Production under Sonoma Water Water Rights (ac-ft)								
Lower Russian River								
Sonoma Water Total		98.3	114.9	107.7	105.4	107.1	113.5	108.2
Wohler		50.3	46.9	47.6	47.1	49.0	66.6	47.8
Mirabel		48.0	68.0	60.2	58.3	58.1	47.0	60.4
Town of Windsor River Wellfield		4.1	3.9	3.8	4.3	4.2	4.2	4.1
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

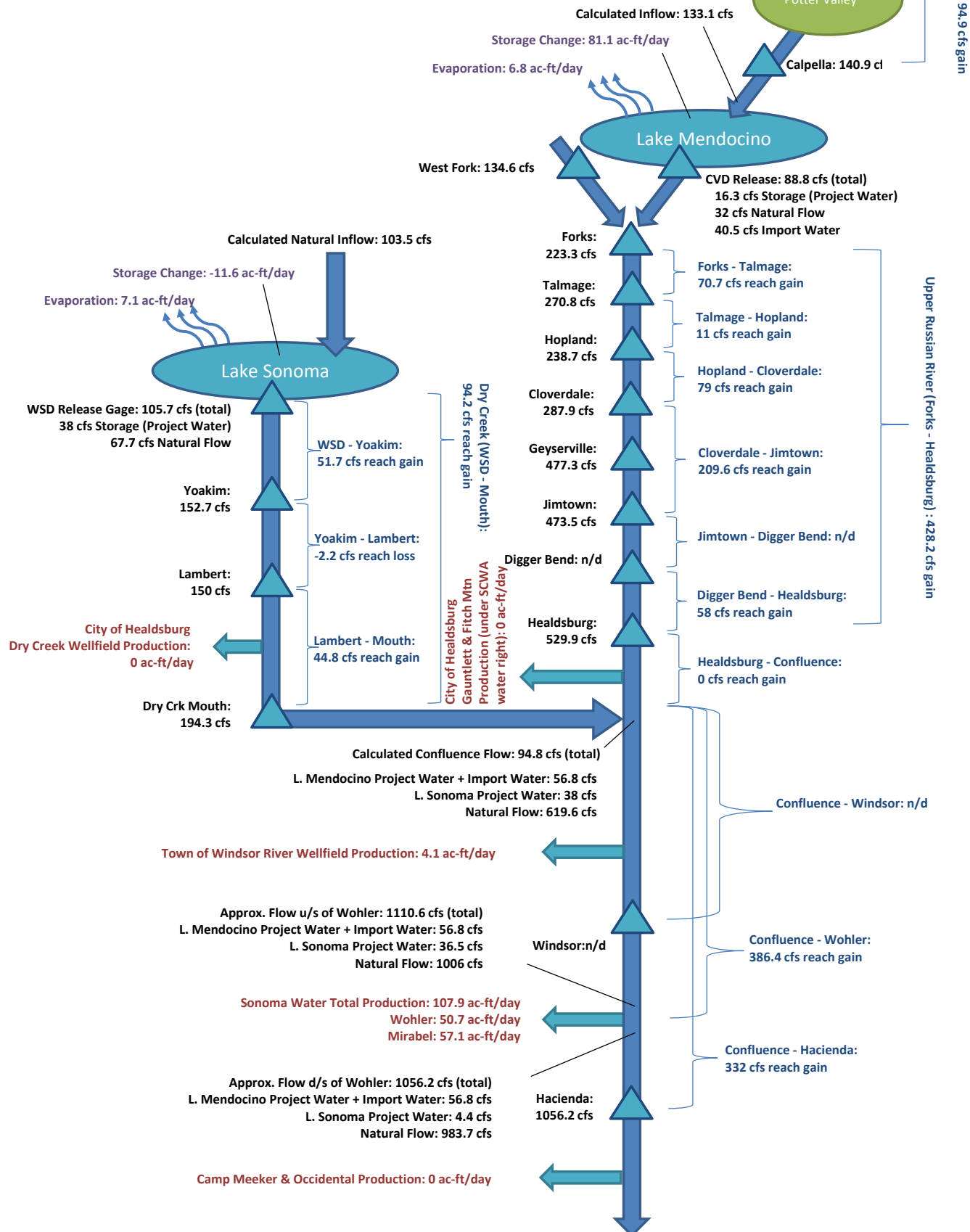
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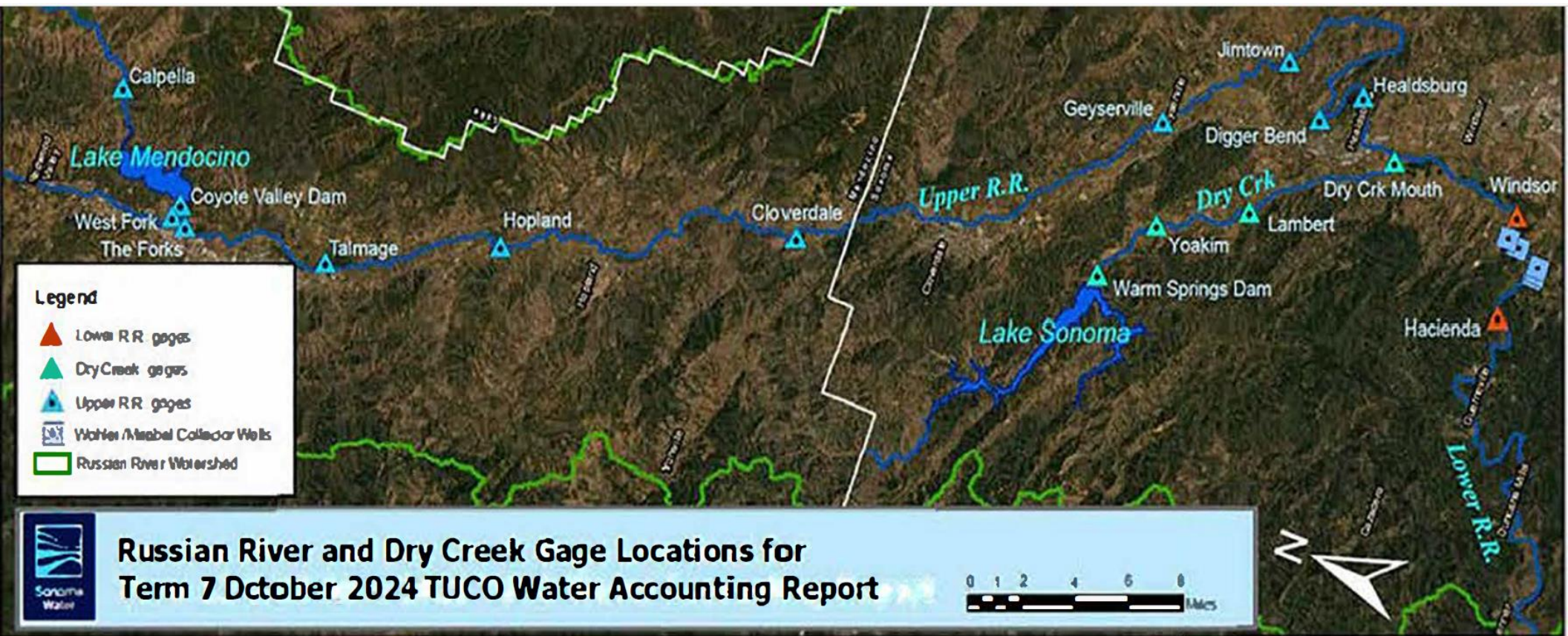
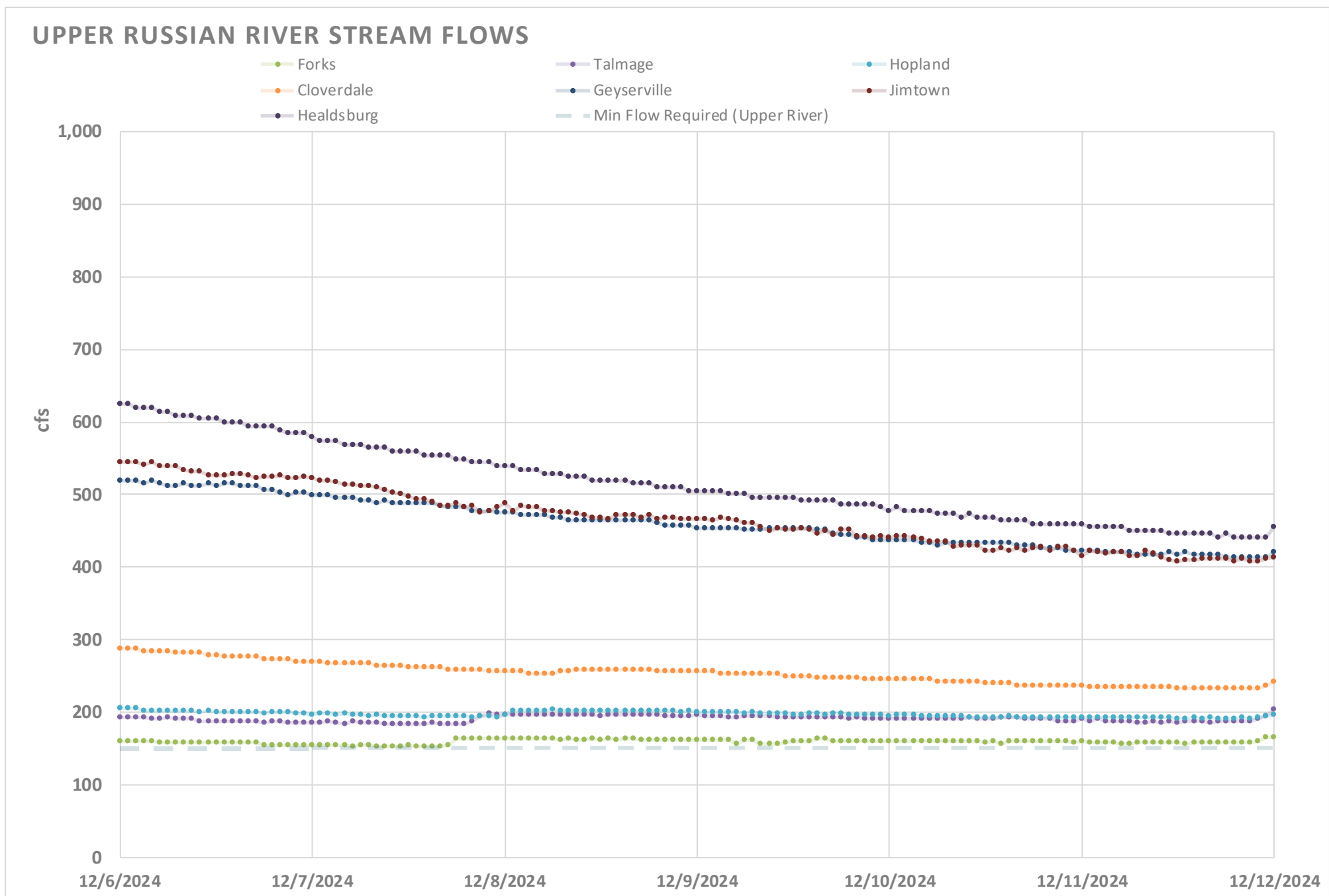
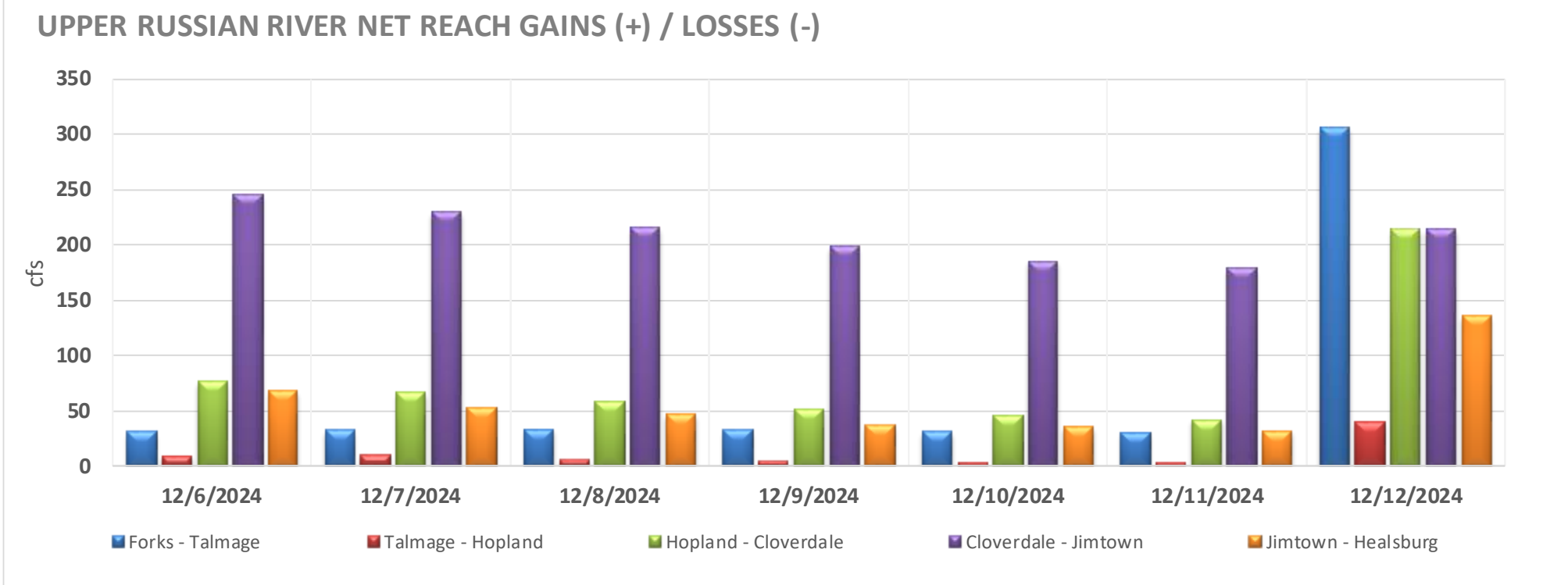
- Water Accounting for the Lower Russian River and Dry Creek is an analysis that approximates the current conditions based on the methodology in Term 12 (6/14/21 Order) report. Values listed include estimated values where measurements are not currently available (red italics).

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

Report Date: 12/13/2024

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.





Report Date: 12/13/2024

