

Units are cfs unless noted otherwise

	12/20/2024	12/21/2024	12/22/2024	12/23/2024	12/24/2024	12/25/2024	12/26/2024
I. Upper East Fork Reach							
Potter Valley Project							
Tunnel Diversion	46.0	46.0	46.0	45.0	46.0	46.0	45.0
PVID Requested Delivery	5.0	5.0	5.0	5.0	5.0	5.0	5.0
PVID Canals Actual Delivery	3.6	3.6	3.8	3.7	5.0	3.9	4.5
East Fork Release	42.0	42.0	42.0	41.0	41.0	42.0	41.0
PVID E Fork Diversions	1.4	1.4	1.2	1.3	0.0	1.1	0.5
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)	40.6	40.6	40.8	39.7	41.0	40.9	40.5
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	127.6	347.8	310.1	431.8	1,853.5	612.2	892.8
Net Reach Loss(-)/Gain(+)	+81.6	+301.8	+264.1	+386.8	+1,807.5	+566.2	+847.8
Unimpaired Natural Flow @ Calpella (est.)	102.9	82.4	173.8	235.3	172.7	449.5	238.9
Non-PVID East Fork Net Reach Losses (est.)	16.4	0.0	0.0	0.0	0.0	0.0	0.0
Natural Flow	8.2	0.0	0.0	0.0	0.0	0.0	0.0
Import	8.2	0.0	0.0	0.0	0.0	0.0	0.0

II. Lake Mendocino

Reservoir Operations							
Calculated Inflow (ac-ft)	372	718	689	784	3,859	1,133	1,761
(cfs)	187	362	348	395	1,945	571	888
Natural Flow	155	321	307	355	1,904	530	848
Import	33	41	41	40	41	41	40
Storage Change (ac-ft)	-1,668.0	+420.0	+388.0	+488.0	+3,597.0	+836.0	+1,472.0
(cfs)	-841	+212	+196	+246	+1,813	+421	+742
Stored Natural Flow (cfs)	0	212	196	246	1,813	421	742
Stored Import Water (cfs)	0	0	0	0	0	0	0
Evaporation (ac-ft)	6.5	2.6	5.2	3.9	2.6	3.9	4.0
RVCWD Diversion (ac-ft)	0	0	0	0	0	0	0
CVD Release Gage	1025	149	149	147	131	148	144
Storage (Project Water)	838	0	0	0	0	0	0
Natural Flow	155	109	110	108	90	108	105
Import Water	33	40	40	39	40	40	39
East Fork Min Instream Flow Requirement	25	25	25	25	25	25	25
Compliance Gage	Rvr mi.						
CVD Release	99.9	1025	149	149	147	131	148
CVD Project Water Release to Meet Min Flow Requirement							
Total Pass-through Water	187	149	149	147	131	148	144
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	1,267	575	543	690	2,145	1,037	1,100
Controlling Gage	Forks	Forks	Forks	Forks	Forks	Forks	Forks
All Compliance Gages	Rvr mi.						
Forks (CVD + USGS 11461000)	99.0	1,267	575	543	690	2,145	1,100
Talmage (USGS 11462080)	96.1	1,606	807	757	918	3,292	1,517
Hopland (USGS 11462500)	84.8	1,685	841	823	1,024	3,522	1,640
Cloverdale (USGS 11463000)	70.9	2,226	1,556	1,501	1,740	5,155	3,646
Geyserville (USGS 11463500)	54.4	2,892	2,470	2,289	2,545	6,057	5,692
Jimtown (USGS 11463682)	48.5	2,735	2,493	2,305	2,459	5,208	5,996
Digger Bend (USGS 11463980)	38.2	>400 cfs	>400 cfs	>400 cfs	>400 cfs	>400 cfs	>400 cfs
Healdsburg (USGS 11464000)	35.6	2,875	2,834	2,625	2,765	5,117	7,311
Net Reach Loss(-)/Gain(+)							
Forks - Talmage	+167	+266	+216	+221	+1,250	+522	+492
Talmage - Hopland	-31	+55	+69	+99	+368	+297	+173
Hopland - Cloverdale	+416	+721	+632	+726	+2,025	+1,316	+999
Cloverdale - Jimtown	+593	+777	+748	+778	+1,408	+1,345	+1,289
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>	+170	+311	+296	+334	+341	+1,050	+656
Upper Russian Net Reach Loss/Gain	+1,316	+2,131	+1,961	+2,158	+5,393	+4,530	+3,609
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	187	149	149	147	131	148	144
Project Water Release Required	No	No	No	No	No	No	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).

		12/20/2024	12/21/2024	12/22/2024	12/23/2024	12/24/2024	12/25/2024	12/26/2024
IV. Lake Sonoma								
Lake Sonoma								
Storage Change (ac-ft)		-2,523.0	+839.0	+732.0	+1,006.0	+4,821.0	+1,851.0	+2,278.0
(cfs)		-1,272	+423	+369	+507	+2,431	+933	+1,148
Evaporation (ac-ft)		6.2	4.2	4.2	4.2	6.4	6.4	4.3
Inflow (Natural Flow)		435	665	614	753	2,683	1,184	1,399
WSD Release Gage		1704	240	243	244	249	248	248
Storage (Project Water)		1269	0	0	0	0	0	0
Natural Flow		435	240	243	244	249	248	248
V. Lower Dry Creek Reach								
Minimum Instream Flow Requirement		105	105	105	105	105	105	105
Controlling Compliance Gage								
Min Gage Flow		1704	240	243	244	249	248	248
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>	1,704	240	243	244	249	248	248
Yoakim (USGS 11465200)	<i>11.1</i>	2,272	481	444	455	772	642	571
Lambert (USGS 11465240)	<i>6.8</i>	2,680	500	416	412	773	606	515
Dry Crk Mouth (USGS 11465350)	<i>0.1</i>	2,758	927	738	826	1,450	1,657	1,178
WSD to Russian River Confluence Reach Analysis								
Total Pass-through Water		435	240	243	244	249	248	248
Net Reach Loss(-)/Gain(+)								
WSD - Yoakim		+2,171	+381	+343	+355	+670	+541	+473
Yoakim - Lambert		+258	+18	-28	-43	+12	-42	-52
Lambert - Dry Crk Mouth		-393	+409	+319	+412	+716	+1,027	+668
WSD - Dry Crk Mouth		+2,036	+807	+635	+724	+1,398	+1,526	+1,088
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	No	No	No	No	No	No
VI. Russian River - Dry Creek Confluence								
Upper Russian River Flow (Healdsburg Gage)								
L. Mendocino Project Water + Import Water		870	40	40	39	40	40	39
Natural Flow		1,470	2,239	2,070	2,266	5,483	4,637	3,714
Dry Creek Flow (Mouth Gage)								
L. Sonoma Project Water		1,269	0	0	0	0	0	0
Natural Flow		2,471	927	738	826	1,450	1,657	1,178
Russian River d/s of Confluence Flow		5,633	3,761	3,363	3,592	6,567	8,968	5,748
L. Mendocino Project Water + Import Water		870	40	40	39	40	40	39
L. Sonoma Project Water		1,269	0	0	0	0	0	0
Natural Flow		3,941	3,166	2,809	3,092	6,932	6,294	4,892
VII. Lower Russian River Reach								
Minimum Instream Flow Requirement		125	125	125	125	125	125	125
Controlling Compliance Gage								
Min Gage Flow		8,058	5,712	4,865	5,046	6,688	10,820	8,475
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>	8,058	5,712	4,865	5,046	6,688	10,820	8,475
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		8,101	5,758	4,902	5,085	6,736	10,848	8,527
Net Reach Loss(-)/Gain(+)		+2,468	+1,998	+1,539	+1,494	+169	+1,880	+2,779
L. Mendocino Project Water + Import Water		870	40	40	39	40	40	39
L. Sonoma Project Water		1,267	0	0	0	0	0	0
Natural Flow		6,409	5,164	4,348	4,586	7,101	8,174	7,672
Confluence to Hacienda (Guerneville) Reach Analysis								
Net Reach Loss(-)/Gain(+)		+2,425	+1,951	+1,502	+1,454	+122	+1,852	+2,728
L. Mendocino Project Water + Import Water		870	40	40	39	40	40	39
L. Sonoma Project Water		1,223	0	0	0	0	0	0
Natural Flow		6,409	5,117	4,311	4,546	7,054	8,147	7,620
VIII. Water Production under Sonoma Water Water Rights (ac-ft)								
Lower Russian River								
Sonoma Water Total		86.3	91.9	72.9	78.2	93.9	55.2	102.1
Wohler		38.3	45.7	40.8	45.7	47.3	46.5	61.0
Mirabel		48.0	46.2	32.1	32.5	46.5	8.7	41.1
Town of Windsor River Wellfield		3.9	3.5	3.6	3.7	4.1	3.4	3.8
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

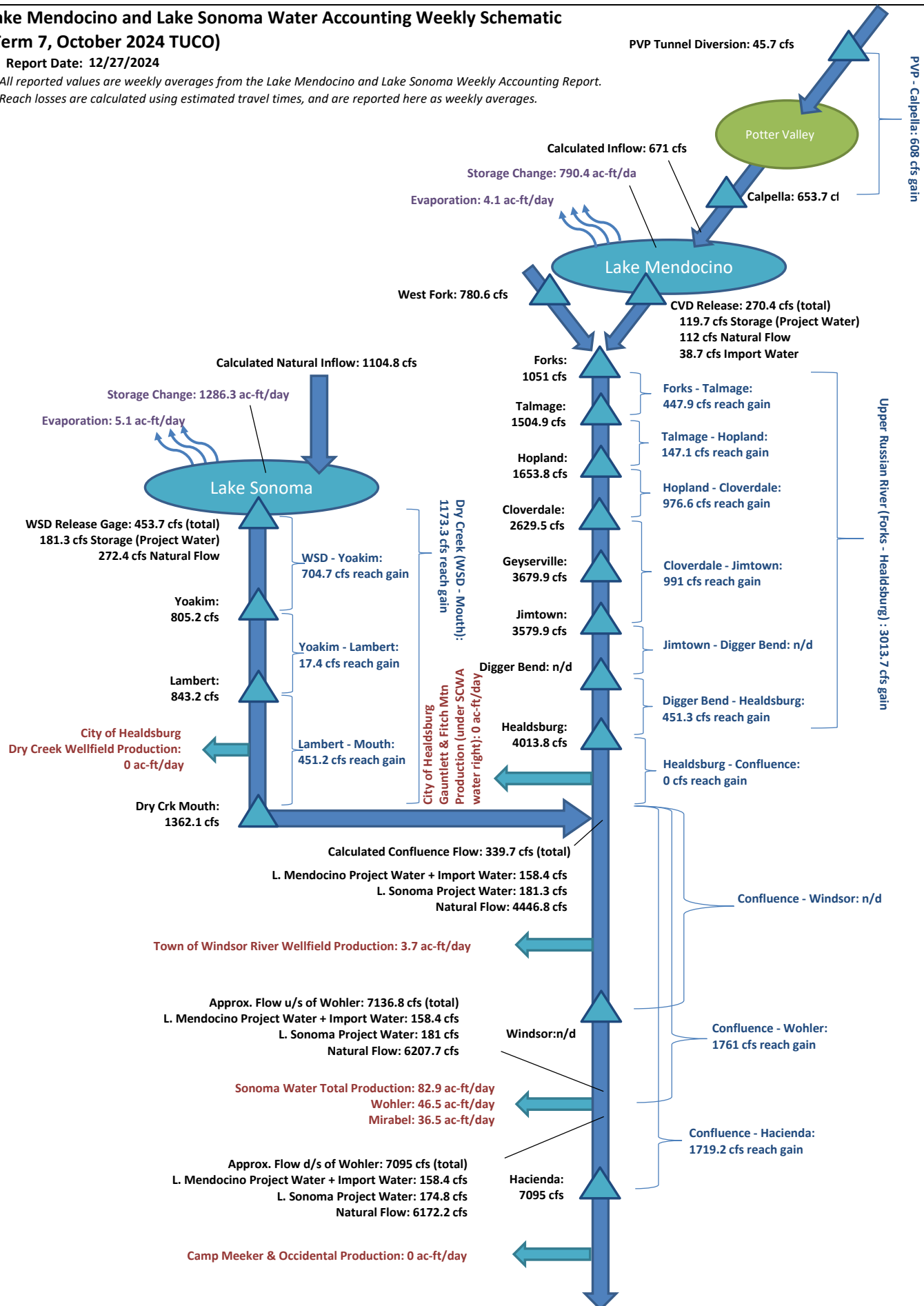
Notes:

- 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: 12/27/2024

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 7, October 2024 TUCO)

Report Date: 12/27/2024

