

Units are cfs unless noted otherwise

	2/7/2025	2/8/2025	2/9/2025	2/10/2025	2/11/2025	2/12/2025	2/13/2025
I. Upper East Fork Reach							
Potter Valley Project							
Tunnel Diversion	29.0	46.0	45.0	45.0	45.0	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	2.2	3.6	3.5	3.4	3.4	3.3	4.9
East Fork Release	27.0	42.0	41.0	42.0	42.0	42.0	42.0
PVID E Fork Diversions	2.8	1.4	1.5	1.6	1.7	1.7	0.1
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)	24.2	40.6	39.5	40.4	40.4	40.3	41.9
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	915.8	585.9	433.3	336.0	273.5	232.6	1,868.3
Net Reach Loss(-)/Gain(+)	+886.8	+539.9	+388.3	+291.0	+228.5	+187.6	+1,823.3
Unimpaired Natural Flow @ Calpella (est.)	403.3	271.0	202.7	158.0	127.0	109.3	869.8
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)	1,797	1,153	1,019	587	497	520	4,371	
(cfs)	906	581	514	296	250	262	2,204	
Natural Flow	882	540	474	256	210	222	2,164	
Import	24	41	40	40	40	40	40	
Storage Change (ac-ft)	+35.0	-3,570.0	-3,932.0	-3,869.0	-2,275.0	-876.0	+3,964.0	
(cfs)	+18	-1,800	-1,982	-1,951	-1,147	-442	+1,999	
Stored Natural Flow (cfs)	18	0	0	0	0	0	1,999	
Stored Import Water (cfs)	0	0	0	0	0	0	0	
Evaporation (ac-ft)	1.0	5.1	8.1	8.1	7.0	5.0	6.0	
RVCWD Diversion (ac-ft)	0	0	0	0	0	0	0	
CVD Release Gage	888	2379	2492	2243	1394	701	202	
Storage (Project Water)	0	1797	1978	1947	1143	439	0	
Natural Flow	864	540	474	256	210	222	164	
Import Water	24	41	40	40	40	40	38	
East Fork Min Instream Flow Requirement	25	25	25	25	25	25	25	
<u>Compliance Gage</u>	<u>Rvr mi.</u>							
CVD Release	99.9	888	2379	2492	2243	1394	701	202
<u>CVD Project Water Release to Meet Min Flow Requirement</u>								
Total Pass-through Water	888	581	514	296	250	262	202	
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
Controlling Compliance Gage									
Min Gage Flow			2,027	3,122	3,045	2,671	1,735	992	2,500
Controlling Gage			Forks	Forks	Forks	Forks	Forks	Forks	Forks
All Compliance Gages			Rvr mi.						
Forks	(CVD + USGS 11461000)	99.0	2,027	3,122	3,045	2,671	1,735	992	2,500
Talmage	(USGS 11462080)	96.1	3,070	3,688	3,409	3,127	2,225	1,392	3,852
Hopland	(USGS 11462500)	84.8	3,617	3,787	3,460	3,198	2,471	1,687	4,067
Cloverdale	(USGS 11463000)	70.9	5,950	4,746	4,230	3,830	3,210	2,317	5,776
Geyserville	(USGS 11463500)	54.4	10,505	6,889	6,128	5,383	4,680	3,492	7,743
Jimtown	(USGS 11463682)	48.5	9,533	6,655	5,992	5,329	4,729	3,617	6,290
Digger Bend	(USGS 11463980)	38.2	>400 cfs	>400 cfs	>400 cfs	>400 cfs	>400 cfs	>400 cfs	>400 cfs
Healdsburg	(USGS 11464000)	35.6	13,350	8,263	7,051	6,024	5,268	4,162	8,036
Net Reach Loss(-)/Gain(+)									
Forks - Talmage			+1,155	+556	+346	+411	+398	+330	+1,626
Talmage - Hopland			+536	+83	+39	+50	+201	+257	+456
Hopland - Cloverdale			+2,187	+964	+729	+596	+599	+531	+2,600
Cloverdale - Jimtown			+2,929	+1,964	+1,655	+1,426	+1,304	+1,191	+2,052
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>			+3,696	+1,535	+996	+648	+481	+457	+2,382
Upper Russian Net Reach Loss/Gain			+10,504	+5,103	+3,764	+3,132	+2,983	+2,766	+9,115
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			888	581	514	296	250	262	202
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).

	2/7/2025	2/8/2025	2/9/2025	2/10/2025	2/11/2025	2/12/2025	2/13/2025
IV. Lake Sonoma							
Lake Sonoma							
Storage Change (ac-ft)	+471.0	-5,504.0	-6,150.0	-6,509.0	-5,739.0	-1,415.0	+8,283.0
(cfs)	+237	-2,775	-3,101	-3,282	-2,893	-713	+4,176
Evaporation (ac-ft)	8.5	10.1	8.3	8.2	8.9	8.0	3.3
Inflow (Natural Flow)	2,004	1,271	881	634	369	448	4,376
WSD Release Gage	1762	4041	3977	3911	3258	1157	198
Storage (Project Water)	0	2770	3096	3277	2889	709	0
Natural Flow	1762	1271	881	634	369	448	198

V. Lower Dry Creek Reach

Minimum Instream Flow Requirement		75	75	75	75	75	75
Controlling Compliance Gage							
Min Gage Flow		1762	4041	3977	3911	3258	1157
Controlling Gage		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>	1,762	4,041	3,977	3,911	3,258	1,157
Yoakim (USGS 11465200)	<i>11.1</i>	2,034	4,461	4,316	4,210	3,737	1,725
Lambert (USGS 11465240)	<i>6.8</i>	1,996	4,696	4,626	4,532	4,139	2,099
Dry Crk Mouth (USGS 11465350)	<i>0.1</i>	4,135	4,898	4,440	3,998	3,494	2,081
WSD to Russian River Confluence Reach Analysis							
Total Pass-through Water		1762	1271	881	634	369	448
Net Reach Loss(-)/Gain(+)							
WSD - Yoakim		+651	+412	+334	+278	+321	+343
Yoakim - Lambert		+104	+230	+302	+320	+352	+270
Lambert - Dry Crk Mouth		+2,390	+210	-192	-542	-750	-238
WSD - Dry Crk Mouth		+3,145	+852	+444	+56	-78	+374
WSD Project Water Release to Meet Min Flow Requirement							
Net Reach Loss/Gain to Controlling Gage		+0	+0	+0	+0	+0	+0
Project Water Release Required		No	No	No	No	No	No

VI. Russian River - Dry Creek Confluence

Upper Russian River Flow (Healdsburg Gage)							
L. Mendocino Project Water + Import Water		24	1,838	2,018	1,987	1,183	479
Natural Flow		11,368	5,643	4,237	3,388	3,193	2,988
Dry Creek Flow (Mouth Gage)							
L. Sonoma Project Water		0	2,770	3,096	3,277	2889	709
Natural Flow		4,135	2,128	1,344	720	605	1,372
Russian River d/s of Confluence Flow		17,485	13,161	11,492	10,022	8,761	6,243
L. Mendocino Project Water + Import Water		24	1,838	2,018	1,987	1,183	479
L. Sonoma Project Water		0	2,770	3,096	3,277	2,889	709
Natural Flow		15,503	7,771	5,581	4,108	3,798	4,360

VII. Lower Russian River Reach

Minimum Instream Flow Requirement		125	125	125	125	125	125
Controlling Compliance Gage							
Min Gage Flow		24,758	19,529	15,388	12,979	11,463	9,365
Controlling Gage		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>
Hacienda (USGS 11467000)	<i>21.8</i>	24,758	19,529	15,388	12,979	11,463	9,365
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		24,809	19,577	15,430	13,017	11,505	9,408
Net Reach Loss(-)/Gain(+)		+7,324	+6,415	+3,939	+2,995	+2,744	+3,165
L. Mendocino Project Water + Import Water		24	1,838	2,018	1,987	1,183	479
L. Sonoma Project Water		0	2,768	3,095	3,276	2,887	707
Natural Flow		22,826	14,186	9,520	7,103	6,542	7,525
Confluence to Hacienda (Guerneville) Reach Analysis							
Net Reach Loss(-)/Gain(+)		+7,273	+6,368	+3,896	+2,958	+2,701	+3,122
L. Mendocino Project Water + Import Water		24	1,838	2,018	1,987	1,183	479
L. Sonoma Project Water		0	2,720	3,052	3,238	2,844	664
Natural Flow		22,776	14,186	9,520	7,103	6,542	7,525

VIII. Water Production under Sonoma Water Water Rights (ac-ft)

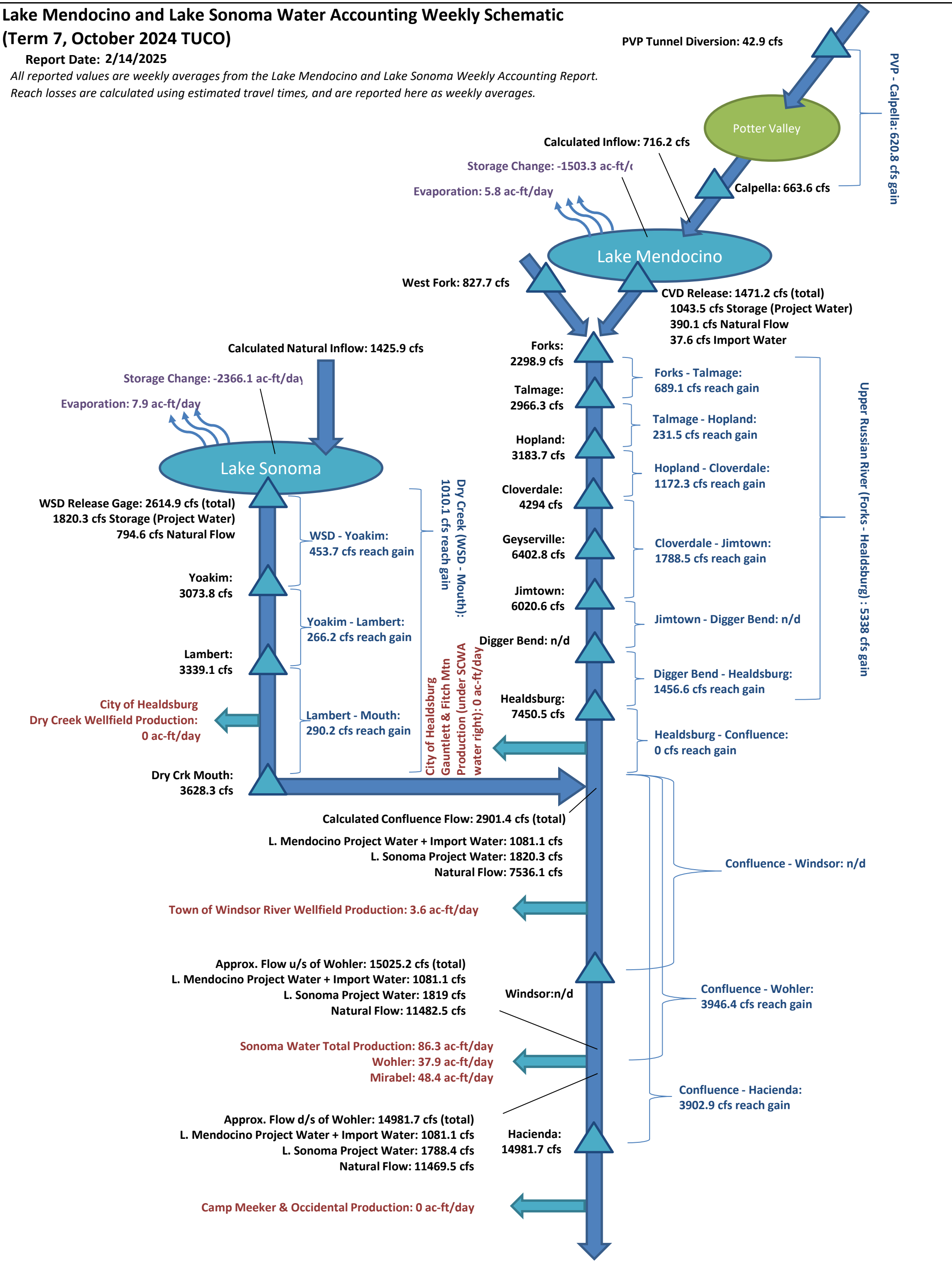
Lower Russian River							
Sonoma Water Total		99.8	94.2	85.2	74.4	84.6	79.9
Wohler		39.1	48.7	39.1	28.2	37.6	33.2
Mirabel		60.7	45.5	46.1	46.1	47.0	46.7
Town of Windsor River Wellfield		3.1	3.9	3.4	3.3	3.9	3.6
Camp Meeker & Occidental		0.0	0.0	0.0	0.0	0.0	0.0
Upper Russian River							
City of Healdsburg							
Gauntlett & Fitch Mtn		0.0	0.0	0.0	0.0	0.0	0.0
Dry Creek							
City of Healdsburg							
Dry Creek Wellfield		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: 2/14/2025
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: 2/14/2025

