

	1/3/2025	1/4/2025	1/5/2025	1/6/2025	1/7/2025	1/8/2025	1/9/2025
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	4.1	3.9	3.8	3.7	3.7	3.7	3.7
East Fork Release	42.0	42.0	42.0	42.0	42.0	42.0	42.0
PVID E Fork Diversions	0.9	1.1	1.2	1.3	1.3	1.3	1.3
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)	41.1	40.9	40.8	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	906.4	575.7	373.2	285.1	230.9	195.4	169.0
Net Reach Loss(-)/Gain(+)	+860.4	+529.7	+327.2	+239.1	+184.9	+149.4	+123.0
Unimpaired Natural Flow @ Calpella (est.)	356.5	258.3	172.1	129.2	100.4	80.3	66.9
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)	1,943	1,182	868	644	403	386	301
(cfs)	980	596	438	324	203	195	152
Natural Flow	939	555	397	283	162	154	111
Import	41	41	41	41	41	41	41
Storage Change (ac-ft)	+1,012.0	+210.0	-105.0	-751.0	-1,377.0	-1,390.0	-1,456.0
(cfs)	+510	+106	-53	-379	-694	-701	-734
Stored Natural Flow (cfs)	510	106	0	0	0	0	0
Stored Import Water (cfs)	0	0	0	0	0	0	0
Evaporation (ac-ft)	3.5	3.5	3.5	4.6	4.6	4.6	5.7
RVCWD Diversion (ac-ft)	0	0	0	0	0	0	0
CVD Release Gage	468	488	489	701	895	893	883
Storage (Project Water)	0	0	51	376	692	698	731
Natural Flow	428	448	397	283	162	154	111
Import Water	40	40	41	41	41	41	41
East Fork Min Instream Flow Requirement	25	25	25	25	25	25	25
Compliance Gage	Rvr mi.						
CVD Release	99.9	468	488	489	701	895	893
CVD Project Water Release to Meet Min Flow Requirement							
Total Pass-through Water	468	488	438	324	203	195	152
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
Controlling Compliance Gage							
Min Gage Flow		1,414	1,202	958	1,049	1,164	1,059
Controlling Gage		Forks	Forks	Forks	Forks	Forks	Forks
All Compliance Gages	Rvr mi.						
Forks	(CVD + USGS 11461000) 99.0	1,414	1,202	958	1,049	1,164	1,059
Talmage	(USGS 11462080) 96.1	1,793	1,525	1,150	1,175	1,309	1,155
Hopland	(USGS 11462500) 84.8	2,388	2,322	1,743	1,631	1,813	1,589
Cloverdale	(USGS 11463000) 70.9	2,603	3,015	2,229	1,926	2,084	1,808
Geyserville	(USGS 11463500) 54.4	3,317	4,036	3,166	2,695	2,727	2,373
Jimtown	(USGS 11463682) 48.5	3,171	4,035	3,107	2,623	2,568	2,285
Digger Bend	(USGS 11463980) 38.2	>400 cfs	>400 cfs	>400 cfs	>400 cfs	>400 cfs	>400 cfs
Healdsburg	(USGS 11464000) 35.6	3,611	4,369	3,559	2,950	2,751	2,460
Net Reach Loss(-)/Gain(+)							
Forks - Talmage		+484	+269	+171	+166	+136	+111
Talmage - Hopland		+673	+739	+573	+482	+495	+430
Hopland - Cloverdale		+485	+482	+426	+342	+247	+200
Cloverdale - Jimtown		+958	+751	+732	+650	+518	+442
Jimtown - Digger Bend		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>		+478	+328	+394	+295	+190	+162
Upper Russian Net Reach Loss/Gain		+3,077	+2,568	+2,297	+1,934	+1,587	+1,325
CVD Project Water Release to Meet Min Flow Requirement							
Net Reach Loss(-)/Gain(+) to Controlling Gage		+0	+0	+0	+0	+0	+0
Storage (Project Water)		0	0	0	0	0	0
Pass-through Water (Nat. + Imp.) + Natural		0	0	0	0	0	0
Total Pass-through Water		468	488	438	324	203	152
Project Water Release Required		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).

		1/3/2025	1/4/2025	1/5/2025	1/6/2025	1/7/2025	1/8/2025	1/9/2025
IV. Lake Sonoma								
Lake Sonoma								
Storage Change (ac-ft)		-2,501.0	-1,230.0	-1,363.0	-598.0	+136.0	+0.0	-27.0
(cfs)		-1,261	-620	-687	-301	+69	+0	-14
Evaporation (ac-ft)		3.6	5.4	7.2	5.4	9.0	9.0	12.6
Inflow (Natural Flow)		549	396	329	348	365	297	285
WSD Release Gage		1808	1013	1013	647	292	292	292
Storage (Project Water)		1259	617	684	299	0	0	7
Natural Flow		549	396	329	348	292	292	285
V. Lower Dry Creek Reach								
Minimum Instream Flow Requirement		75	75	75	75	75	75	75
Controlling Compliance Gage								
Min Gage Flow		1808	1013	1013	647	292	292	292
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>	1,808	1,013	1,013	647	292	292	292
Yoakim (USGS 11465200)	<i>11.1</i>	2,379	1,274	1,234	895	412	406	388
Lambert (USGS 11465240)	<i>6.8</i>	2,762	1,415	1,354	1,034	445	400	383
Dry Crk Mouth (USGS 11465350)	<i>0.1</i>	2,413	1,522	1,295	1,040	600	558	513
WSD to Russian River Confluence Reach Analysis								
Total Pass-through Water		549	396	329	348	292	292	285
Net Reach Loss(-)/Gain(+)								
WSD - Yoakim		+393	+261	+222	+178	+121	+114	+96
Yoakim - Lambert		+295	+139	+118	+106	+32	-7	-5
Lambert - Dry Crk Mouth		-620	+92	-62	-100	+145	+154	+128
WSD - Dry Crk Mouth		+69	+492	+277	+184	+298	+261	+219
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	No	No	Yes
VI. Russian River - Dry Creek Confluence								
Upper Russian River Flow (Healdsburg Gage)								
L. Mendocino Project Water + Import Water		40	40	92	417	733	739	772
Natural Flow		3,505	3,016	2,693	2,218	1,749	1,611	1,436
Dry Creek Flow (Mouth Gage)								
L. Sonoma Project Water		1,259	617	684	299	0	0	7
Natural Flow		1,154	905	612	741	600	558	505
Russian River d/s of Confluence Flow		6,024	5,891	4,854	3,989	3,351	3,211	2,972
L. Mendocino Project Water + Import Water		40	40	92	417	733	739	772
L. Sonoma Project Water		1,259	617	684	299	0	0	7
Natural Flow		4,659	3,921	3,305	2,959	2,349	2,169	1,941
VII. Lower Russian River Reach								
Minimum Instream Flow Requirement		125	125	125	125	125	125	125
Controlling Compliance Gage								
Min Gage Flow		7,661	6,520	5,785	4,812	3,773	3,385	3,080
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>	7,661	6,520	5,785	4,812	3,773	3,385	3,080
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		7,705	6,563	5,820	4,856	3,821	3,427	3,115
Net Reach Loss(-)/Gain(+)		+1,681	+672	+966	+866	+470	+217	+143
L. Mendocino Project Water + Import Water		40	40	92	417	733	739	772
L. Sonoma Project Water		1,257	616	682	297	0	0	5
Natural Flow		6,340	4,593	4,271	3,825	2,819	2,386	2,084
Confluence to Hacienda (Guerneville) Reach Analysis								
Net Reach Loss(-)/Gain(+)		+1,637	+629	+930	+823	+422	+174	+107
L. Mendocino Project Water + Import Water		40	40	92	417	733	739	772
L. Sonoma Project Water		1,214	572	646	253	0	0	0
Natural Flow		6,340	4,593	4,271	3,825	2,771	2,344	2,054
VIII. Water Production under Sonoma Water Water Rights (ac-ft)								
Lower Russian River								
Sonoma Water Total		86.2	86.1	69.9	86.2	94.7	84.2	70.1
Wohler		38.4	37.4	37.9	38.1	37.3	37.2	37.7
Mirabel		47.8	48.8	32.1	48.2	57.4	47.0	32.4
Town of Windsor River Wellfield		3.7	3.7	3.8	4.2	4.1	4.2	4.3
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

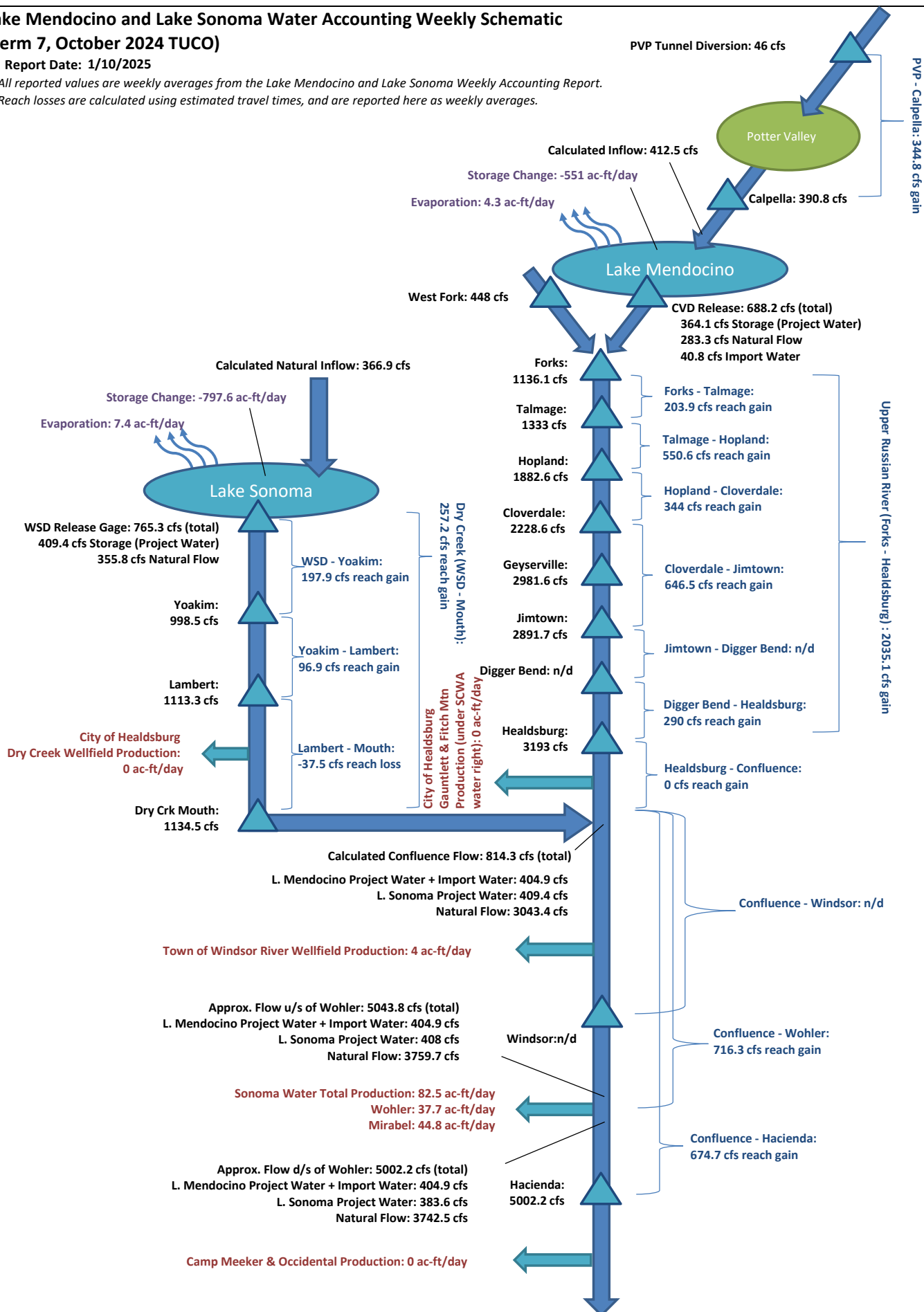
Notes:

- 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: 1/10/2025

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: 1/10/2025

