

Units are cfs unless noted otherwise

	3/7/2025	3/8/2025	3/9/2025	3/10/2025	3/11/2025	3/12/2025	3/13/2025
I. Upper East Fork Reach							
Potter Valley Project							
Tunnel Diversion	45.0	45.0	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	1.4	1.4	1.4	1.3	1.4	1.4	1.4
East Fork Release	44.0	44.0	44.0	44.0	44.0	44.0	44.0
PVID E Fork Diversions	3.7	3.7	3.7	3.7	3.7	3.6	3.6
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)	40.4	40.4	40.4	40.3	40.4	40.4	40.4
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	115.3	111.0	108.7	106.7	104.8	133.0	155.0
Net Reach Loss(-)/Gain(+)	+70.3	+66.0	+63.7	+61.7	+59.8	+88.0	+110.0
Unimpaired Natural Flow @ Calpella (est.)	50.2	47.9	46.7	45.5	42.1	42.4	62.5
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)	261	263	265	228	247	422	333
(cfs)	132	133	134	115	125	213	168
Natural Flow	92	93	94	75	85	173	128
Import	40	40	40	40	40	40	40
Storage Change (ac-ft)	+52.0	+52.0	+53.0	+17.0	+35.0	+210.0	+140.0
(cfs)	+26	+26	+27	+9	+18	+106	+71
Stored Natural Flow (cfs)	26	26	27	9	18	106	71
Stored Import Water (cfs)	0	0	0	0	0	0	0
Evaporation (ac-ft)	10.8	12.7	13.7	12.8	13.7	12.8	3.9
RVCWD Diversion (ac-ft)	0	0	0	0	0	0	0
CVD Release Gage	100	100	100	100	100	100	95
Storage (Project Water)	0	0	0	0	0	0	0
Natural Flow	63	63	63	63	64	64	56
Import Water	37	37	37	37	37	37	39
East Fork Min Instream Flow Requirement	25	25	25	25	25	25	25

Compliance Gage	Rvr mi.						
CVD Release	99.9	100	100	100	100	100	95
CVD Project Water Release to Meet Min Flow Requirement							
Total Pass-through Water		100	100	100	100	100	95
Project Water Release Required		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		229	221	213	207	202	259
Controlling Gage		Forks	Talmage	Talmage	Talmage	Talmage	Forks
All Compliance Gages		Rvr mi.					
Forks	(CVD + USGS 11461000)	99.0	229	223	219	216	207
Talmage	(USGS 11462080)	96.1	235	221	213	207	202
Hopland	(USGS 11462500)	84.8	382	365	354	345	338
Cloverdale	(USGS 11463000)	70.9	530	501	480	464	451
Geyserville	(USGS 11463500)	54.4	745	692	654	627	604
Jimtown	(USGS 11463682)	48.5	849	806	773	747	727
Digger Bend	(USGS 11463980)	38.2	>400 cfs	>400 cfs	>400 cfs	>400 cfs	>400 cfs
Healdsburg	(USGS 11464000)	35.6	950	876	818	776	741
Net Reach Loss(-)/Gain(+)							
Forks - Talmage			+5	-2	-7	-10	-9
Talmage - Hopland			+144	+142	+140	+138	+134
Hopland - Cloverdale			+142	+133	+123	+117	+111
Cloverdale - Jimtown			+307	+295	+286	+278	+271
Jimtown - Digger Bend			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>			+94	+65	+42	+26	+12
Upper Russian Net Reach Loss/Gain			+692	+632	+584	+549	+519
CVD Project Water Release to Meet Min Flow Requirement							
Net Reach Loss(-)/Gain(+) to Controlling Gage			+0	-2	-7	-10	-9
Storage (Project Water)			0	-0	-0	-0	0
Pass-through Water (Nat. + Imp.) + Natural			0	-2	-7	-10	-9
Total Pass-through Water			100	98	93	90	91
Project Water Release Required			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).

	3/7/2025	3/8/2025	3/9/2025	3/10/2025	3/11/2025	3/12/2025	3/13/2025
IV. Lake Sonoma							
Lake Sonoma							
Storage Change (ac-ft)	-388.0	-415.0	-331.0	-414.0	-414.0	+28.0	-111.0
(cfs)	-196	-209	-167	-209	-209	+14	-56
Evaporation (ac-ft)	14.0	13.9	13.9	15.5	8.9	3.1	12.3
Inflow (Natural Flow)	163	150	192	150	146	367	299
WSD Release Gage	352	352	352	351	350	351	349
Storage (Project Water)	189	202	160	201	204	0	50
Natural Flow	163	150	192	150	146	351	299
V. Lower Dry Creek Reach							
Minimum Instream Flow Requirement	75	75	75	75	75	75	75
Controlling Compliance Gage							
Min Gage Flow	352	352	352	351	350	351	349
Controlling Gage	WSD Release	WSD Release	WSD Release	WSD Release	WSD Release	WSD Release	WSD Release
All Compliance Gages	Crk mi.						
WSD Release	14.3	352	352	352	351	350	349
Yoakim (USGS 11465200)	11.1	407	405	403	403	402	426
Lambert (USGS 11465240)	6.8	385	381	377	375	373	399
Dry Crk Mouth (USGS 11465350)	0.1	425	463	451	436	429	462
WSD to Russian River Confluence Reach Analysis							
Total Pass-through Water	163	150	192	150	146	351	299
Net Reach Loss(-)/Gain(+)							
WSD - Yoakim	+55	+53	+51	+51	+52	+64	+76
Yoakim - Lambert	-22	-24	-26	-28	-28	-26	-28
Lambert - Dry Crk Mouth	+40	+82	+73	+61	+55	+61	+60
WSD - Dry Crk Mouth	+72	+111	+98	+84	+78	+99	+109
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	No	No	No	No	No	No	No
VI. Russian River - Dry Creek Confluence							
Upper Russian River Flow (Healdsburg Gage)							
L. Mendocino Project Water + Import Water	37	37	37	37	37	37	39
Natural Flow	755	695	647	612	583	774	1,168
Dry Creek Flow (Mouth Gage)							
L. Sonoma Project Water	189	202	160	201	204	0	50
Natural Flow	236	261	291	235	225	441	412
Russian River d/s of Confluence Flow	1,375	1,339	1,269	1,212	1,170	1,193	1,706
L. Mendocino Project Water + Import Water	37	37	37	37	37	37	39
L. Sonoma Project Water	189	202	160	201	204	0	50
Natural Flow	992	956	939	847	807	1,215	1,580
VII. Lower Russian River Reach							
Minimum Instream Flow Requirement	125	125	125	125	125	125	125
Controlling Compliance Gage							
Min Gage Flow	1,626	1,550	1,485	1,438	1,396	1,393	1,739
Controlling Gage	Hacienda	Hacienda	Hacienda	Hacienda	Hacienda	Hacienda	Hacienda
All Compliance Gages	Rvr mi.						
Windsor (USGS 11465390)	26.6	n/d	n/d	n/d	n/d	n/d	n/d
Hacienda (USGS 11467000)	21.8	1,626	1,550	1,485	1,438	1,396	1,739
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	1,649	1,590	1,523	1,477	1,444	1,436	1,776
Net Reach Loss(-)/Gain(+)	+274	+250	+254	+265	+274	+243	+71
L. Mendocino Project Water + Import Water	37	37	37	37	37	37	39
L. Sonoma Project Water	187	200	158	199	202	0	48
Natural Flow	1,266	1,207	1,192	1,112	1,081	1,458	1,651
Confluence to Hacienda (Guerneville) Reach Analysis							
Net Reach Loss(-)/Gain(+)	+251	+211	+216	+227	+226	+200	+33
L. Mendocino Project Water + Import Water	37	37	37	37	37	37	39
L. Sonoma Project Water	164	161	120	161	154	0	10
Natural Flow	1,266	1,207	1,192	1,112	1,081	1,415	1,651
VIII. Water Production under Sonoma Water Water Rights (ac-ft)							
Lower Russian River							
Sonoma Water Total	45.0	77.6	75.4	76.5	95.3	85.1	74.8
Wohler	5.5	30.8	39.3	4.2	29.5	37.3	27.8
Mirabel	39.4	46.8	36.2	72.4	65.7	47.7	47.0
Town of Windsor River Wellfield	3.3	3.4	3.6	3.5	3.6	3.1	3.4
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: 3/14/2025

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.







