

Units are cfs unless noted otherwise

	11/1/2024	11/2/2024	11/3/2024	11/4/2024	11/5/2024	11/6/2024	11/7/2024
I. Upper East Fork Reach							
Potter Valley Project							
Tunnel Diversion	45.0	46.0	46.0	46.0	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	4.8	4.7	4.7	4.7	4.7	4.7	4.7
East Fork Release	40.0	41.0	41.0	41.0	41.0	41.0	40.0
PVID E Fork Diversions	0.2	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)	39.8	40.7	40.7	40.7	40.7	40.7	39.7
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	48.2	49.2	46.8	47.3	47.7	46.6	46.3
Net Reach Loss(-)/Gain(+)	+3.2	+3.2	+0.8	+1.3	+1.7	+0.6	+1.3
Unimpaired Natural Flow @ Calpella (est.)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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)	127	115	72	90	97	93	108
(cfs)	64	58	36	45	49	47	55
Natural Flow	24	17	0	4	8	6	15
Import	40	41	36	41	41	41	40
Storage Change (ac-ft)	-261.0	-276.0	-322.0	-305.0	-275.0	-259.0	-244.0
(cfs)	-132	-139	-162	-154	-139	-131	-123
Stored Natural Flow (cfs)	0	0	0	0	0	0	0
Stored Import Water (cfs)	0	0	0	0	0	0	0
Evaporation (ac-ft)	4.9	8.6	11.1	12.3	9.8	13.5	12.2
RVCWD Diversion (ac-ft)	0	0	0	0	0	0	0
CVD Release Gage	193	193	193	193	183	171	172
Storage (Project Water)	129	135	157	148	134	124	117
Natural Flow	24	17	0	4	8	6	15
Import Water	40	41	36	41	41	41	40
East Fork Min Instream Flow Requirement	25	25	25	25	25	25	25
Compliance Gage	Rvr mi.						
CVD Release	99.9	193	193	193	183	171	172
CVD Project Water Release to Meet Min Flow Requirement							
Total Pass-through Water	64	58	36	45	49	47	55
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	172	175	178	179	176	168	165
Controlling Gage	Healdsburg	Healdsburg	Healdsburg	Healdsburg	Healdsburg	Talmage	Healdsburg

All Compliance Gages

Forks	(CVD + USGS 11461000)	99.0	193	194	194	194	184	172	173
Talmage	(USGS 11462080)	96.1	195	195	194	192	182	168	169
Hopland	(USGS 11462500)	84.8	220	227	224	221	215	203	204
Cloverdale	(USGS 11463000)	70.9	187	196	197	196	192	177	173
Geyserville	(USGS 11463500)	54.4	179	187	190	189	184	178	168
Jimtown	(USGS 11463682)	48.5	184	190	194	193	187	184	174
Digger Bend	(USGS 11463980)	38.2	176	182	185	186	185	181	171
Healdsburg	(USGS 11464000)	35.6	172	175	178	179	176	172	165

Net Reach Loss(-)/Gain(+)

Forks - Talmage	+2	+1	-0	-2	-4	-5	-3
Talmage - Hopland	+28	+29	+30	+29	+28	+34	+36
Hopland - Cloverdale	-28	-31	-28	-28	-28	-29	-30
Cloverdale - Jimtown	-5	+1	-3	-5	-6	-5	-0
Jimtown - Digger Bend	-7	-6	-8	-7	-4	-4	-4
Digger Bend - Healdsburg *when Digger Bend > 400 cfs, next u/s gage (Jimtown) used	-3	-6	-7	-8	-9	-10	-8
Upper Russian Net Reach Loss/Gain	-13	-13	-16	-21	-23	-19	-10

CVD Project Water Release to Meet Min Flow Requirement

Net Reach Loss(-)/Gain(+) to Controlling Gage	-13	-13	-16	-21	-23	-5	-10
Storage (Project Water)	-13	-13	-16	-21	-23	-5	-10
Pass-through Water (Nat. + Imp.) + Natural	0	0	0	0	0	0	0
Total Pass-through Water	64	58	36	45	49	47	55
Project Water Release Required	Yes	Yes	Yes	Yes	Yes	Yes	Yes

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).

		11/1/2024	11/2/2024	11/3/2024	11/4/2024	11/5/2024	11/6/2024	11/7/2024
IV. Lake Sonoma								
Lake Sonoma								
Storage Change (ac-ft)		-124.0	-273.0	-223.0	-273.0	-248.0	-272.0	-248.0
(cfs)		-63	-138	-112	-138	-125	-137	-125
Evaporation (ac-ft)		8.0	11.9	13.9	17.8	13.9	15.8	13.9
Inflow (Natural Flow)		52	0	5	0	0	0	0
WSD Release Gage		111	110	110	110	110	111	111
Storage (Project Water)		59	110	105	110	110	111	111
Natural Flow		52	0	5	0	0	0	0
V. Lower Dry Creek Reach								
Minimum Instream Flow Requirement		105	105	105	105	105	105	105
Controlling Compliance Gage								
Min Gage Flow		111	110	110	110	110	111	111
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>	111	110	110	110	110	111	111
Yoakim (USGS 11465200)	<i>11.1</i>	118	118	117	117	118	118	120
Lambert (USGS 11465240)	<i>6.8</i>	125	127	126	124	124	124	124
Dry Crk Mouth (USGS 11465350)	<i>0.1</i>	119	122	122	121	120	120	120
WSD to Russian River Confluence Reach Analysis								
Total Pass-through Water		52	0	5	0	0	0	0
Net Reach Loss(-)/Gain(+)								
WSD - Yoakim		+17	+17	+16	+16	+17	+17	+19
Yoakim - Lambert		+7	+9	+9	+7	+6	+6	+4
Lambert - Dry Crk Mouth		-4	-5	-5	-4	-4	-4	-4
WSD - Dry Crk Mouth		+20	+21	+21	+20	+19	+19	+19
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	Yes	Yes
VI. Russian River - Dry Creek Confluence								
Upper Russian River Flow (Healdsburg Gage)								
L. Mendocino Project Water + Import Water		161	171	178	179	175	165	157
Natural Flow		11	4	0	0	0	0	5
Dry Creek Flow (Mouth Gage)								
L. Sonoma Project Water		59	110	105	110	110	111	111
Natural Flow		72	21	25	20	19	19	19
Russian River d/s of Confluence Flow								
L. Mendocino Project Water + Import Water		290	298	300	300	296	292	285
L. Sonoma Project Water		161	171	178	179	175	165	157
L. Sonoma Project Water		59	110	105	110	110	111	111
Natural Flow		83	25	25	20	19	19	24
VII. Lower Russian River Reach								
Minimum Instream Flow Requirement		125	125	125	125	125	125	125
Controlling Compliance Gage								
Min Gage Flow		198	210	218	228	229	224	213
Controlling Gage		Hacienda	Hacienda	Hacienda	Hacienda	Hacienda	Hacienda	Hacienda
All Compliance Gages								
	<i>Rvr mi.</i>							
Windsor (USGS 11465390)	<i>26.6</i>	242	242	242	242	242	242	242
Hacienda (USGS 11467000)	<i>21.8</i>	198	210	218	228	229	224	213
Confluence to Windsor Reach Analysis								
Net Reach Loss/Gain to Windsor Gage		-48	-56	-57	-58	-55	-51	-45
L. Mendocino Project Water + Import Water		161	171	178	179	175	165	157
L. Sonoma Project Water		54	106	101	107	107	108	108
Natural Flow		34	0	0	0	0	0	0
Confluence to SCWA Wohler Production Facility Reach Analysis								
Approx. Flow u/s of Wohler		272	270	284	293	303	291	289
Net Reach Loss(-)/Gain(+)		-19	-27	-15	-6	+7	-0	+4
L. Mendocino Project Water + Import Water		161	171	178	179	175	165	157
L. Sonoma Project Water		54	106	101	107	107	108	108
Natural Flow		64	0	10	13	26	18	28
Confluence to Hacienda (Guerneville) Reach Analysis								
Net Reach Loss(-)/Gain(+)		-93	-88	-82	-72	-67	-67	-72
L. Mendocino Project Water + Import Water		161	171	178	179	175	165	157
L. Sonoma Project Water		0	46	35	41	33	41	31
Natural Flow		44	0	10	13	26	18	28
VIII. Water Production under Sonoma Water Water Rights (ac-ft)								
Lower Russian River								
Sonoma Water Total		147.1	119.8	132.6	130.0	145.8	133.2	151.1
Wohler		41.1	38.3	54.7	46.2	49.6	46.0	50.1
Mirabel		106.0	81.5	77.9	83.9	96.2	87.3	101.0
Town of Windsor River Wellfield		8.0	7.1	7.9	6.2	6.5	6.3	6.6
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

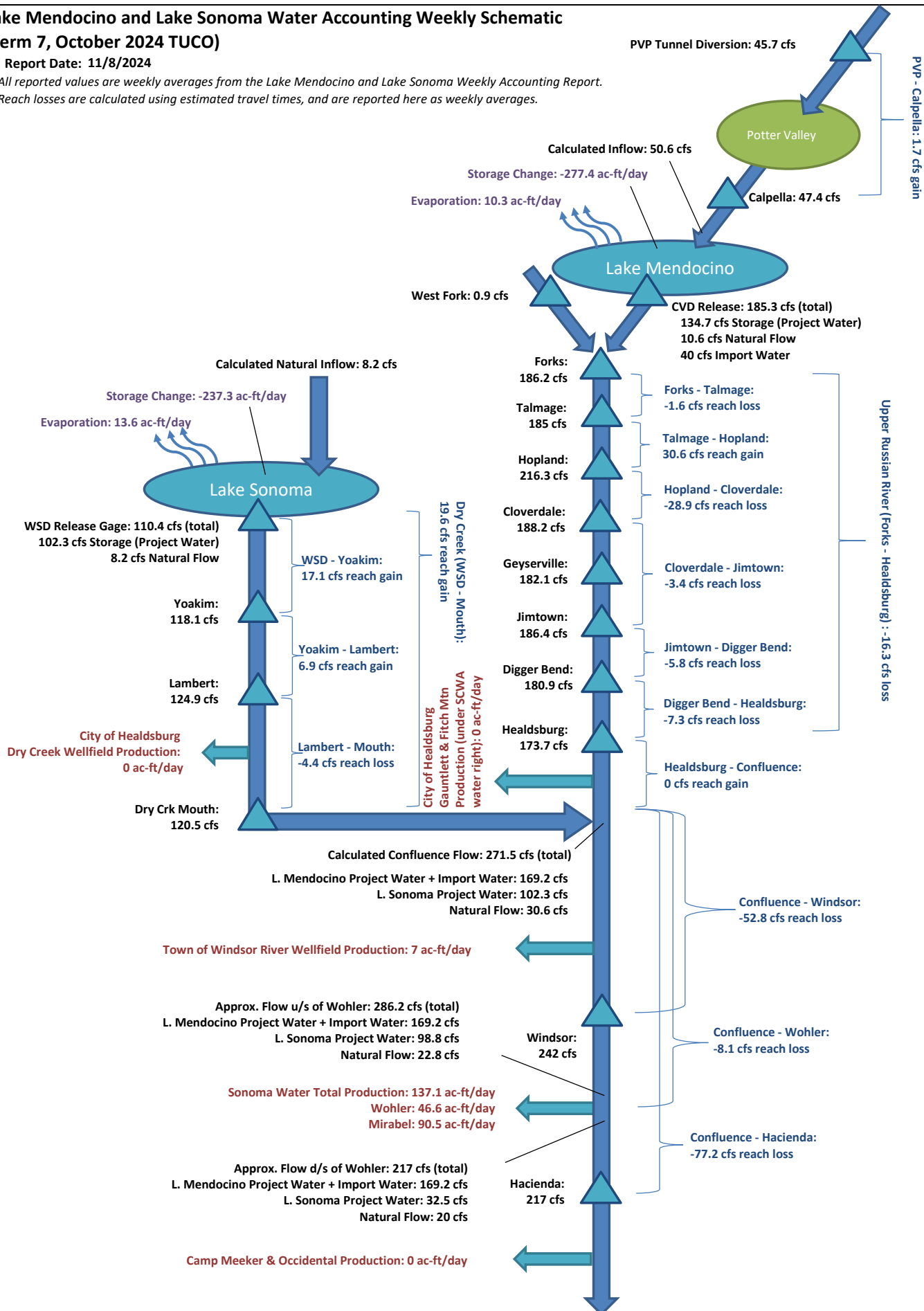
Notes:

- 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: 11/8/2024

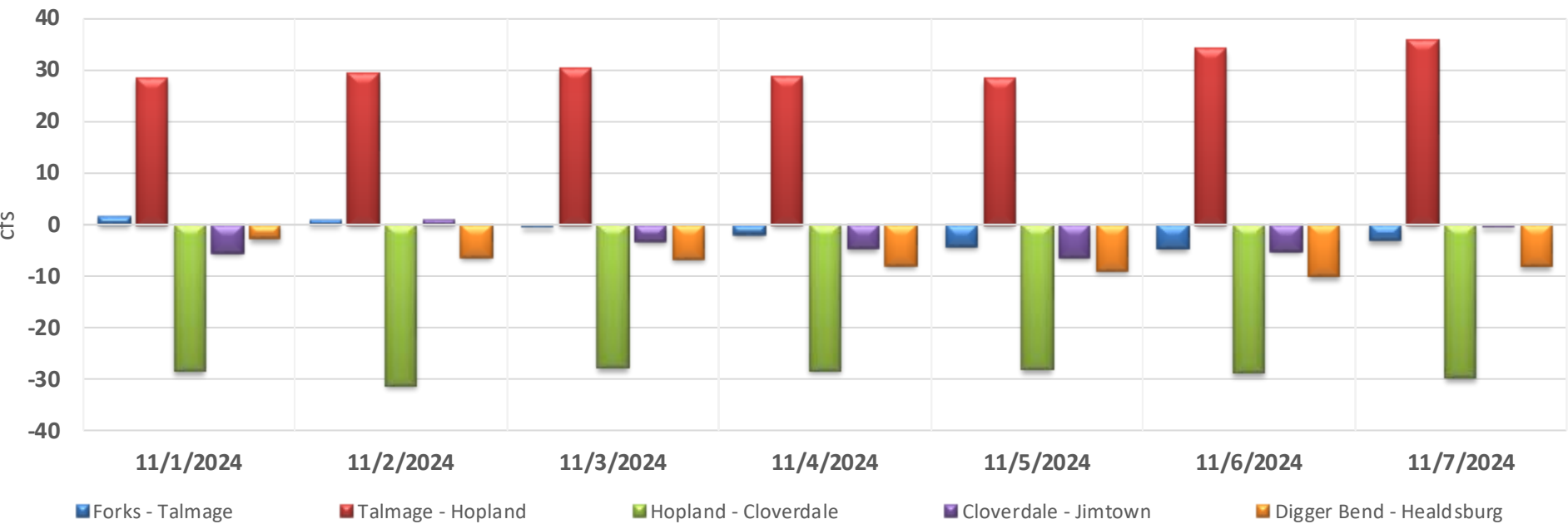
All reported values are weekly averages from the Lake Mendocino and Lake Sonoma Weekly Accounting Report.
Reach losses are calculated using estimated travel times, and are reported here as weekly averages.



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

Report Date: 11/8/2024

UPPER RUSSIAN RIVER NET REACH GAINS (+) / LOSSES (-)



UPPER RUSSIAN RIVER STREAM FLOWS

