

Units are cfs unless noted otherwise

	12/17/2021	12/18/2021	12/19/2021	12/20/2021	12/21/2021	12/22/2021	12/23/2021
I. Upper East Fork Reach							
Potter Valley Project							
Tunnel Diversion	44.0	44.0	44.0	44.0	44.0	44.0	44.0
PVID Requested Delivery	5.0	5.0	5.0	5.0	5.0	5.0	5.0
PVID Canals Actual Delivery	1.6	1.6	1.5	1.5	1.5	1.8	1.5
East Fork Release	42.0	42.0	42.0	43.0	42.0	42.0	43.0
PVID E Fork Diversions	3.4	3.4	3.5	3.5	3.5	3.2	3.5
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)	38.6	38.6	38.5	39.5	38.5	38.8	39.5
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	247.4	154.7	120.7	101.6	93.2	249.6	1,029.1
Net Reach Loss(-)/Gain(+)	+203.4	+110.7	+76.7	+57.6	+49.2	+205.6	+985.1
Unimpaired Natural Flow @ Calpella (est.)	208.4	115.7	81.7	62.6	54.2	210.6	990.1
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 (neg. value is return flow)	0.0	0.0	0.0	0.0	0.0	0.0	0.0

II. Lake Mendocino

Resrvoir Operations

Calculated Inflow (ac-ft)	507	311	260	221	232	514	2,012
(cfs)	256	157	131	111	117	259	1,014
Natural Flow	217	118	92	72	78	220	990
Import	39	39	39	39	39	39	24
Storage Change (ac-ft)	+447.0	+252.0	+200.0	+160.0	+171.0	+453.0	+1,951.0
(cfs)	+225	+127	+101	+81	+86	+228	+984
Stored Natural Flow (cfs)	217	118	92	72	78	220	984
Stored Import Water (cfs)	9	9	9	8	8	8	0
Evaporation (ac-ft)	2.5	1.7	2.5	3.3	3.4	2.6	2.7
RVCWD Diversion (ac-ft)	0	0	0	0	0	0	0
CVD Release Gage	29	29	29	29	29	29	29
Storage (Project Water)	0	0	0	0	0	0	0
Natural Flow	0	0	0	0	0	0	6
Import Water	30	29	30	30	30	30	24
East Fork Min Instream Flow Requirement	25	25	25	25	25	25	25
Compliance Gage	Rvr mi.						
CVD Release	99.9	29	29	29	29	29	29
CVD Project Water Release to Meet Min Flow Requirement							
Total Pass-through Water	30	29	30	30	30	30	29
Project Water Release Required	No	No	No	No	No	No	No

III. Upper Russian River Reach

Minimum Instream Flow Requirement			25	25	25	25	25	25	25
Controlling Compliance Gage									
Min Gage Flow			349	201	142	112	98	314	1,240
Controlling Gage			Forks	Forks	Forks	Forks	Forks	Forks	Forks
All Compliance Gages			<i>Rvr mi.</i>						
Forks	(CVD + USGS 11461000)	99.0	349	201	142	112	98	314	1,240
Talmage	(USGS 11462080)	96.1	613	366	269	218	187	505	1,769
Hopland	(USGS 11462500)	84.8	775	477	354	286	246	544	1,931
Cloverdale	(USGS 11463000)	70.9	1,571	929	686	556	486	996	2,832
Geyserville	(USGS 11463500)	54.4	2,874	1,701	1,195	915	742	1,222	3,145
Jimtown	(USGS 11463682)	48.5	2,635	1,485	1,076	847	703	940	2,383
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	3,857	2,013	1,478	1,221	1,043	1,197	3,038
Net Reach Loss(-)/Gain(+)									
Forks - Talmage			+232	+154	+122	+103	+89	+211	+607
Talmage - Hopland			+104	+92	+78	+62	+59	+74	+305
Hopland - Cloverdale			+689	+422	+317	+261	+237	+511	+1,177
Cloverdale - Jimtown			+514	+416	+328	+256	+201	+192	+335
Jimtown - Digger Bend			+0	+0	+0	n/d	n/d	n/d	n/d
Digger Bend - Healdsburg <i>*when Digger Bend > 400 cfs, next u/s gage (Jimtown) used</i>			+846	+454	+364	+351	+327	+335	+954
Upper Russian Net Reach Loss/Gain			+2,386	+1,538	+1,209	+1,032	+914	+1,323	+3,378
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			30	29	30	30	30	30	29
Project Water Release Required			No	No	No	No	No	No	No

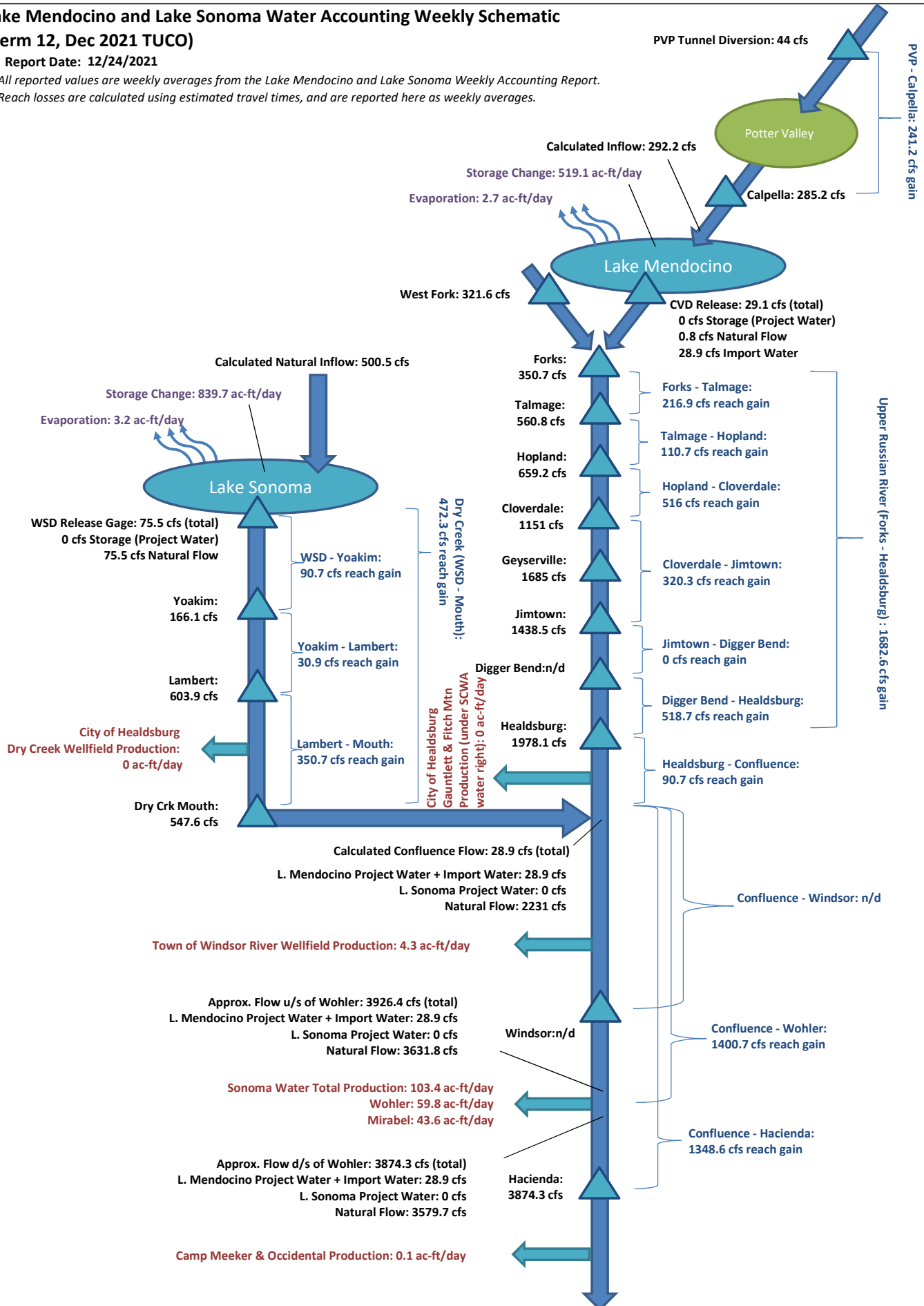
Notes:

- 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).

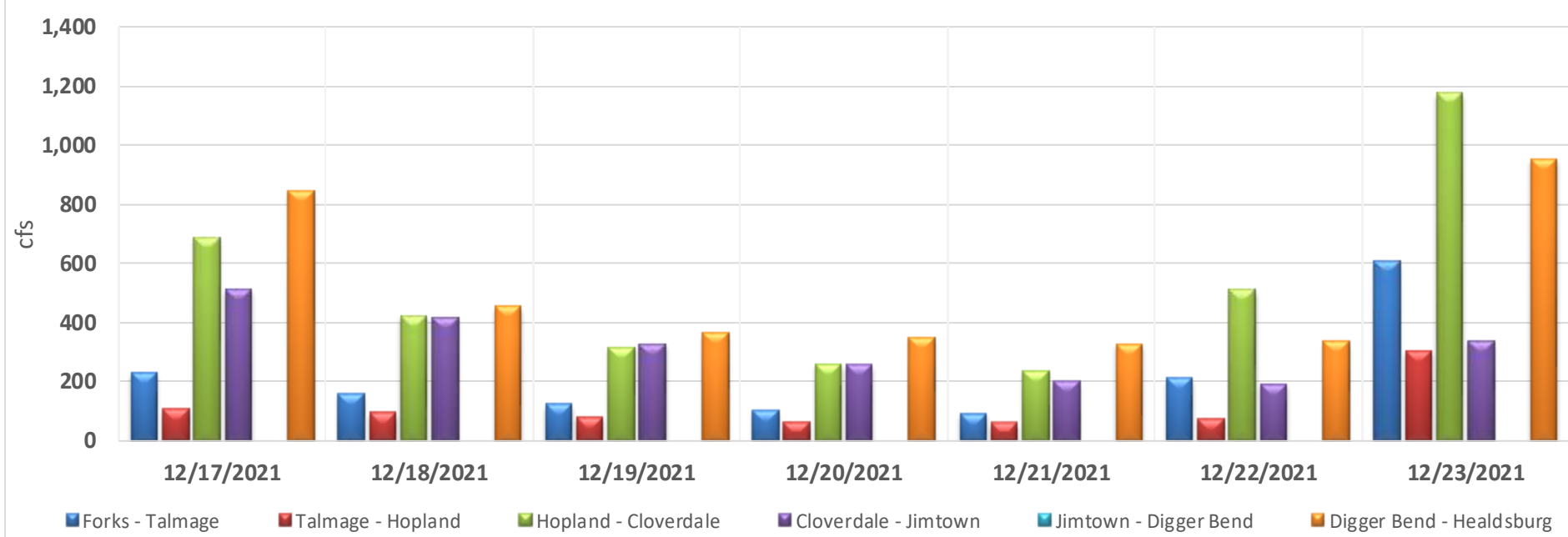
Lake Mendocino and Lake Sonoma Water Accounting Weekly Schematic (Term 12, Dec 2021 TUCO)

Report Date: 12/24/2021

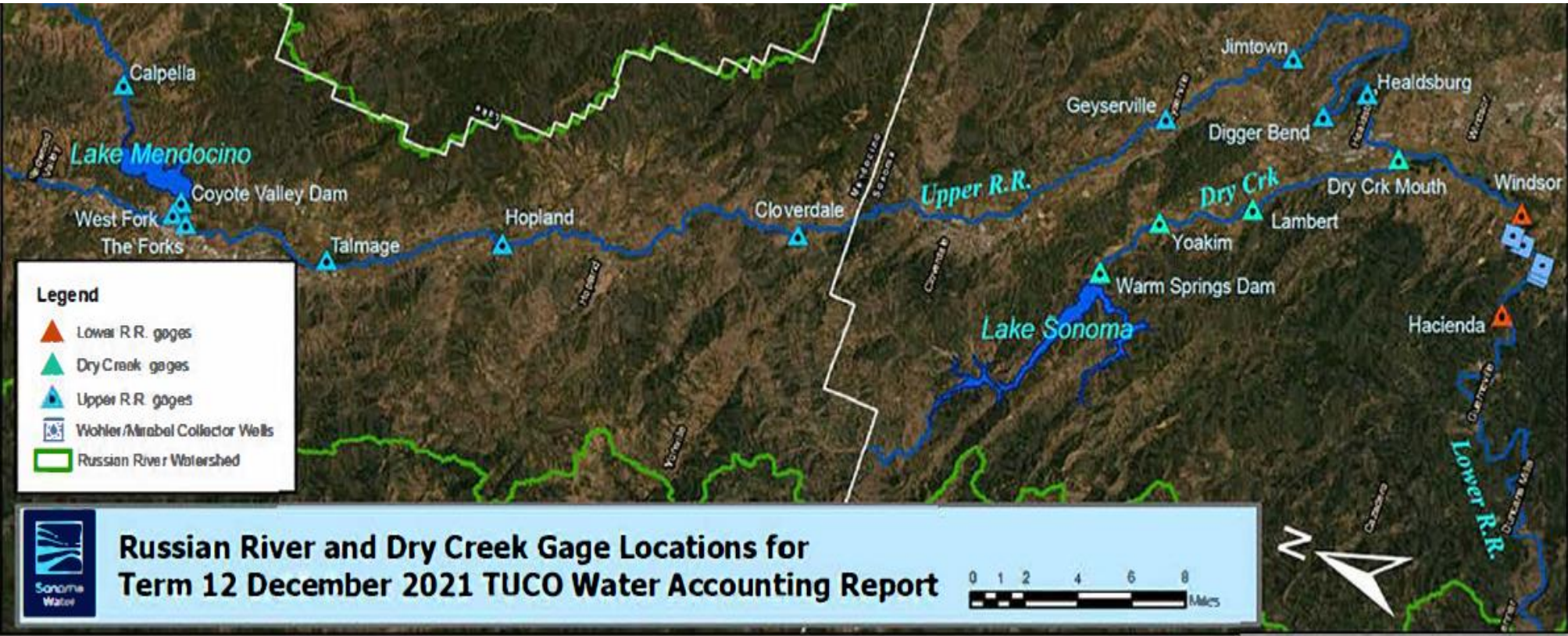
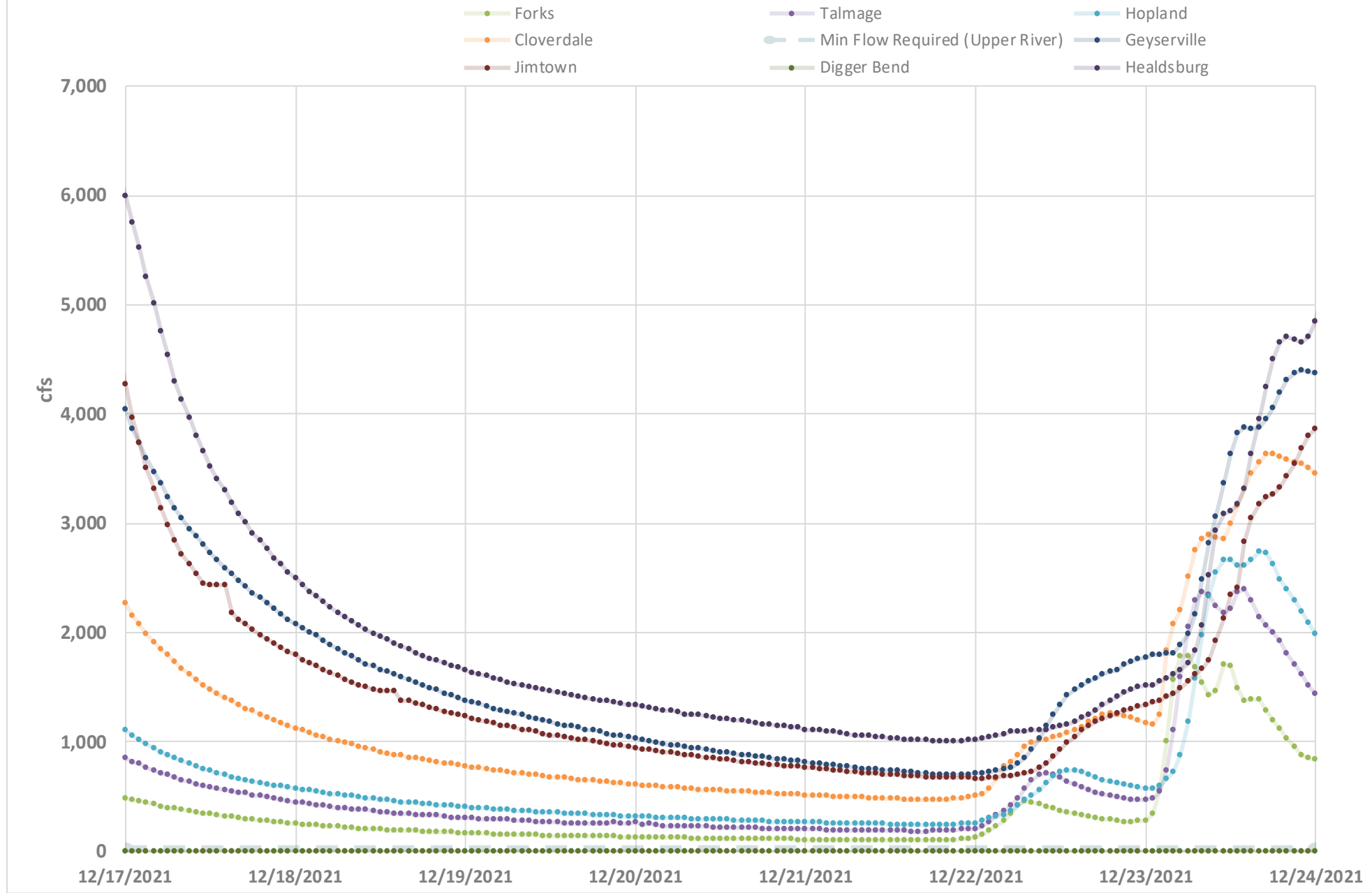
All reported values are weekly averages from the Lake Mendocino and Lake Sonoma Weekly Accounting Report.
Reach losses are calculated using estimated travel times, and are reported here as weekly averages.



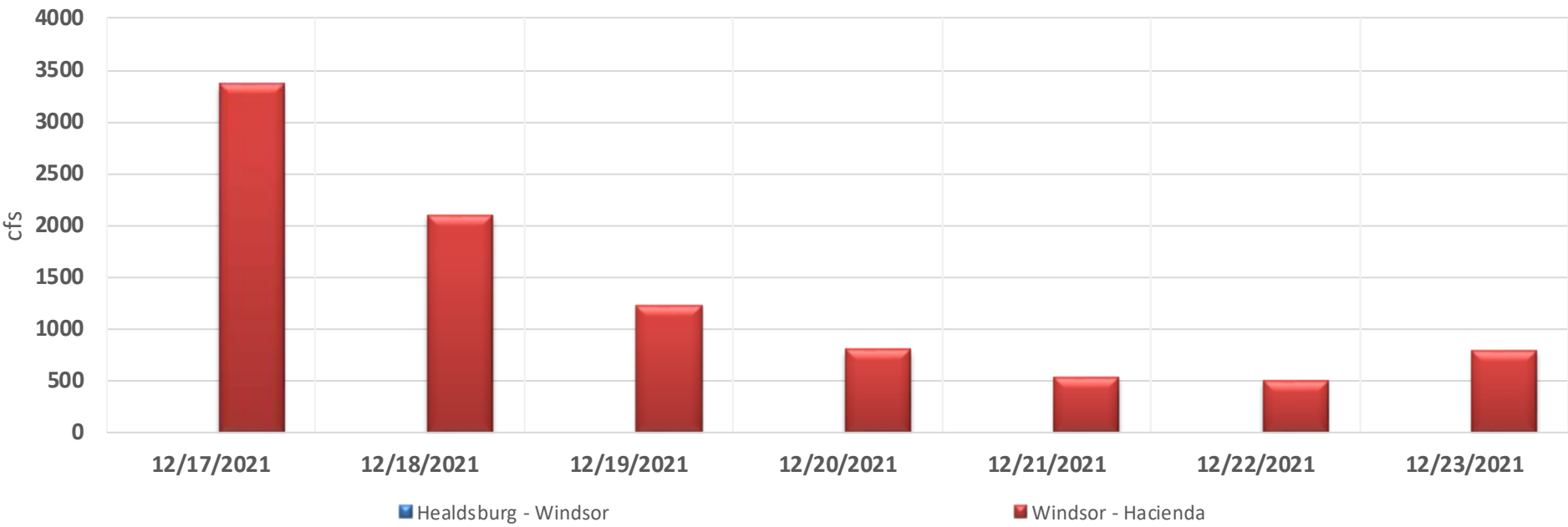
UPPER RUSSIAN RIVER NET REACH GAINS (+) / LOSSES (-)



UPPER RUSSIAN RIVER STREAM FLOWS

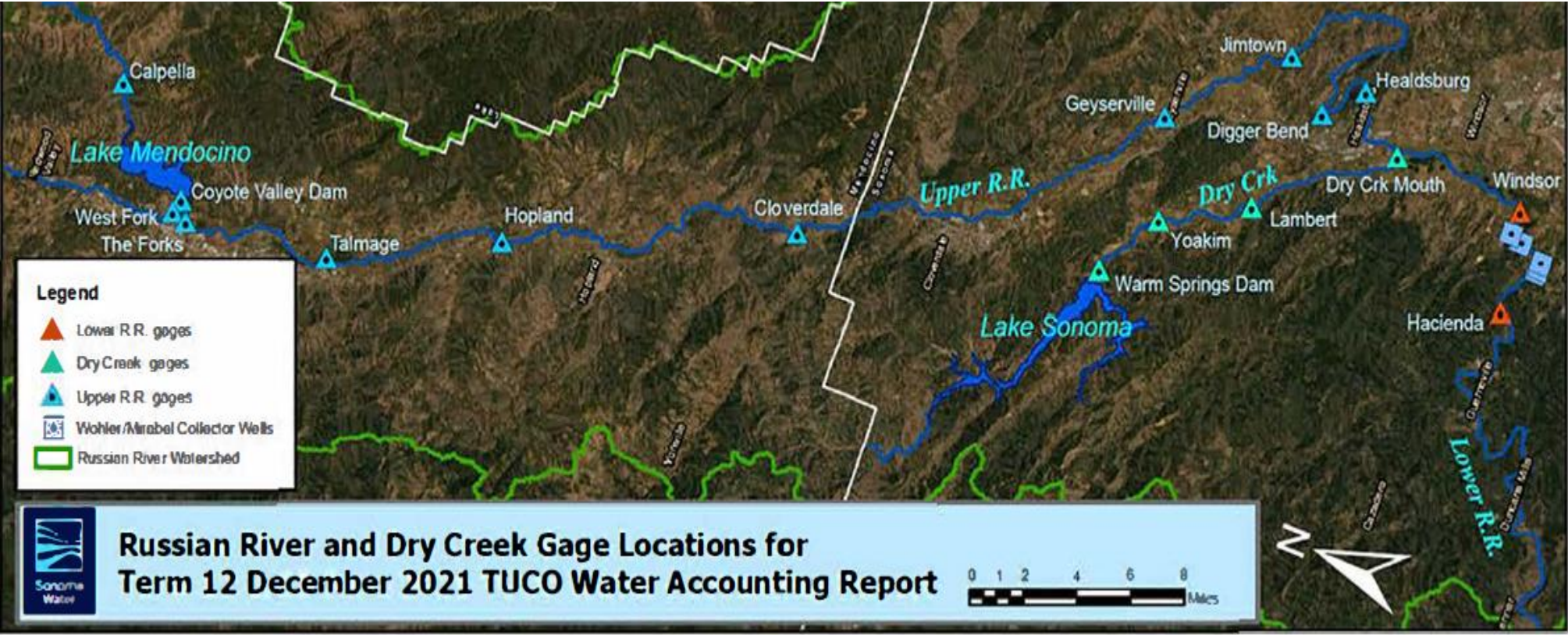
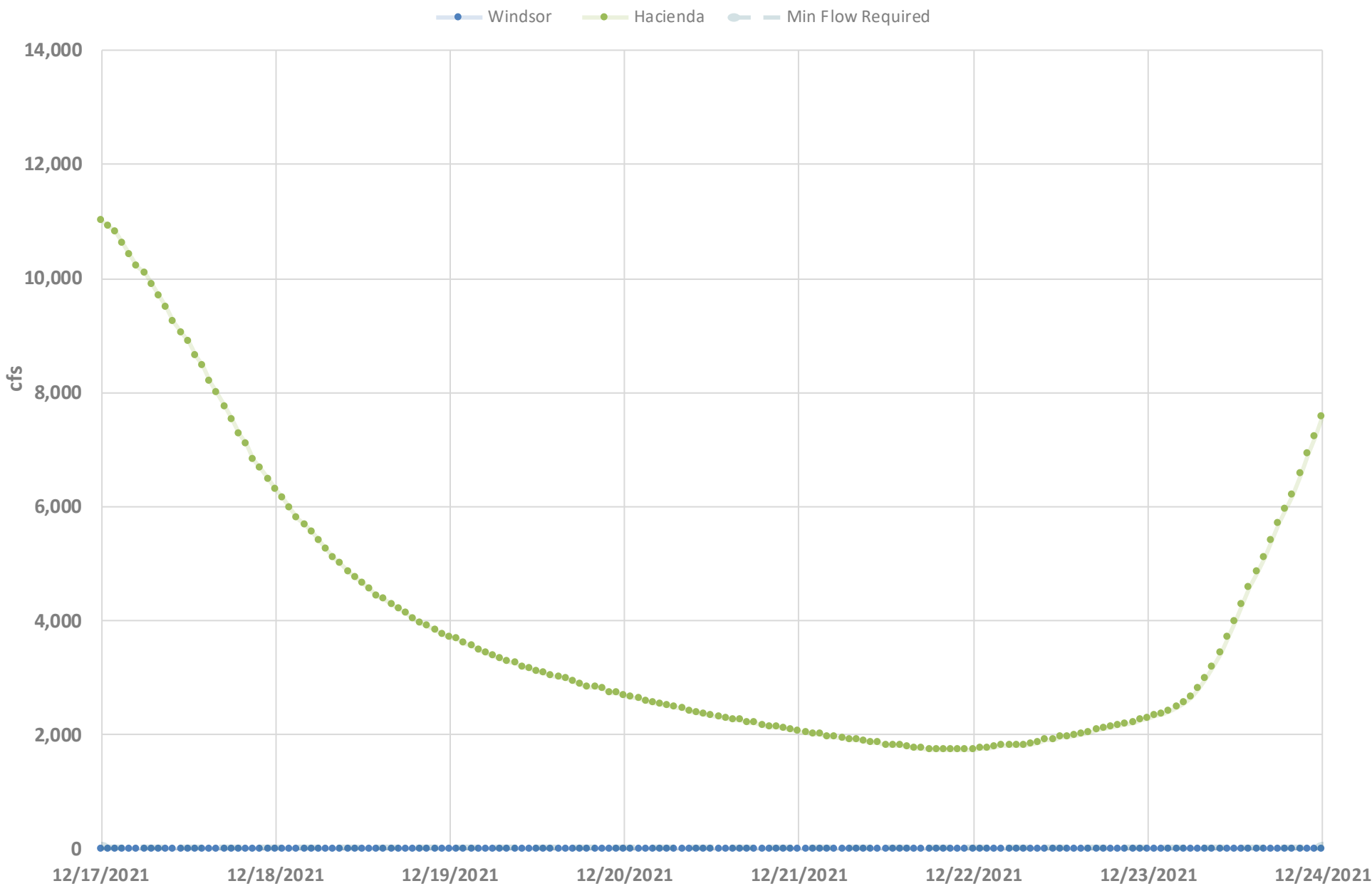


LOWER RUSSIAN RIVER NET REACH GAINS (+) / LOSSES (-)

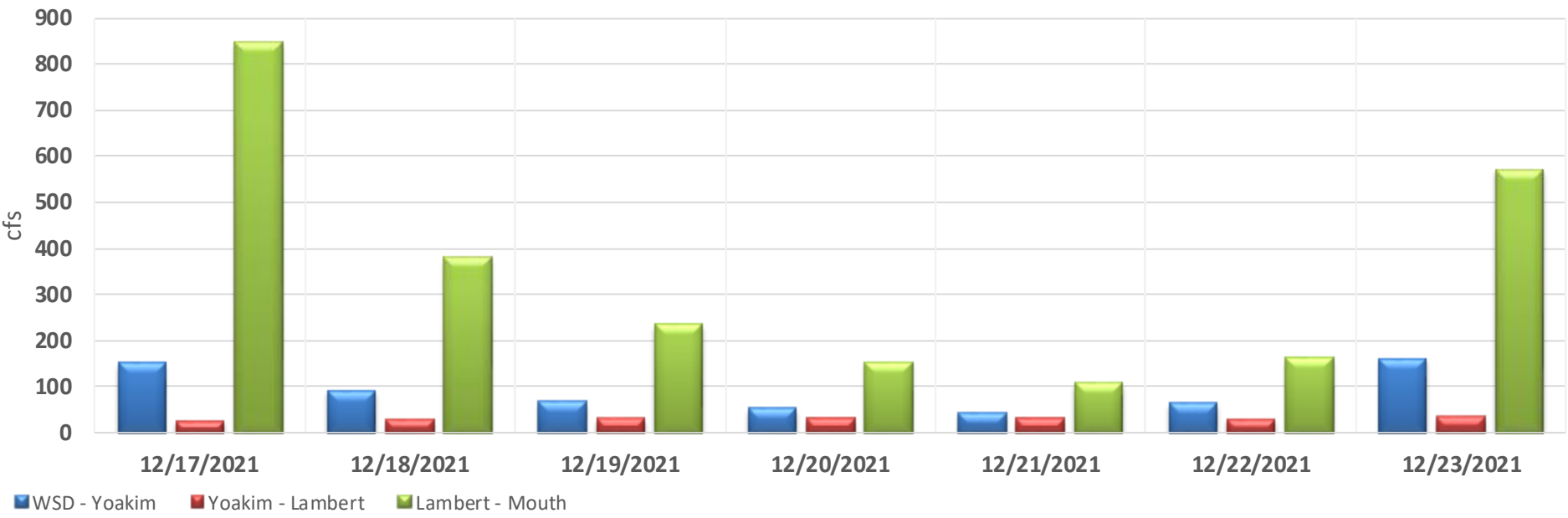


Note: Windsor gage is a seasonal gage and not operational. Reach gains for Windsor – Hacienda reach calculated with Healdsburg gages as upstream gages

LOWER RUSSIAN RIVER STREAM FLOWS



DRY CREEK NET REACH GAINS (+) / LOSSES (-)



DRY CREEK STREAM FLOWS

