

Units are cfs unless noted otherwise

	4/22/2022	4/23/2022	4/24/2022	4/25/2022	4/26/2022	4/27/2022	4/28/2022
I. Upper East Fork Reach							
Potter Valley Project							
Tunnel Diversion	47.0	47.0	46.0	46.0	46.0	46.0	46.0
PVID Requested Delivery	6.0	6.0	6.0	6.0	6.0	6.0	6.0
PVID Canals Actual Delivery	6.0	5.0	3.0	3.0	3.0	3.0	3.0
East Fork Release	41.0	42.0	43.0	43.0	43.0	43.0	43.0
PVID E Fork Diversions	0.0	1.0	3.0	3.0	3.0	3.0	3.0
PVID Water Use - PG&E Contract	6.0	6.0	6.0	6.0	6.0	6.0	6.0
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)	41.0	41.0	40.0	40.0	40.0	40.0	40.0
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	163.9	106.2	94.8	82.6	71.6	68.0	63.4
Net Reach Loss(-)/Gain(+)	+116.9	+59.2	+48.8	+36.6	+25.6	+22.0	+17.4
Unimpaired Natural Flow @ Calpella (est.)	122.9	65.2	54.8	42.6	31.6	28.0	23.4
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

Reservoir Operations							
Calculated Inflow (ac-ft)	314	193	198	202	131	162	132
(cfs)	159	97	100	102	66	82	67
Natural Flow	123	65	60	62	32	42	27
Import	36	32	40	40	34	40	40
Storage Change (ac-ft)	+249.0	+132.0	+133.0	+132.0	+59.0	+88.0	+59.0
(cfs)	+126	+67	+67	+67	+30	+44	+30
Stored Natural Flow (cfs)	123	65	60	62	30	42	27
Stored Import Water (cfs)	3	1	7	4	0	3	3
Evaporation (ac-ft)	9.9	5.0	9.9	14.9	16.6	18.3	17.4
RVCWD Diversion (ac-ft)	0	0	0	0	0	0	0
CVD Release Gage	28	28	28	28	28	28	28
Storage (Project Water)	0	0	0	0	0	0	0
Natural Flow	0	0	0	0	0	0	0
Import Water	28	28	28	28	28	28	28
East Fork Min Instream Flow Requirement	25	25	25	25	25	25	25
Compliance Gage	Rvr mi.						
CVD Release	99.9	28	28	28	28	28	28
CVD Project Water Release to Meet Min Flow Requirement							
Total Pass-through Water	28	28	28	28	28	28	28
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	285	149	102	83	73	66	61
Controlling Gage	Forks	Forks	Forks	Forks	Forks	Forks	Forks
All Compliance Gages	Rvr mi.						
Forks (CVD + USGS 11461000)	99.0	285	149	102	83	73	61
Talmage (USGS 11462080)	96.1	411	243	172	136	116	84
Hopland (USGS 11462500)	84.8	446	287	208	164	139	106
Cloverdale (USGS 11463000)	70.9	604	387	290	234	203	161
Geyserville (USGS 11463500)	54.4	906	558	393	305	250	187
Jimtown (USGS 11463682)	48.5	757	579	448	374	322	253
Digger Bend (USGS 11463980)	38.2	>400 cfs	>400 cfs	>400 cfs	>400 cfs	351	257
Healdsburg (USGS 11464000)	35.6	746	659	512	414	343	253
Net Reach Loss(-)/Gain(+)							
Forks - Talmage		+93	+80	+65	+51	+42	+23
Talmage - Hopland		-17	+20	+25	+23	+19	+19
Hopland - Cloverdale		+47	+58	+61	+58	+56	+51
Cloverdale - Jimtown		+21	+109	+119	+115	+105	+83
Jimtown - Digger Bend		+0	+0	+0	+0	+22	+0
Digger Bend - Healdsburg		+5	+53	+48	+30	-18	-9
Upper Russian Net Reach Loss/Gain		+149	+320	+318	+277	+226	+167
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		28	28	28	28	28	28
Project Water Release Required		No	No	No	No	No	No

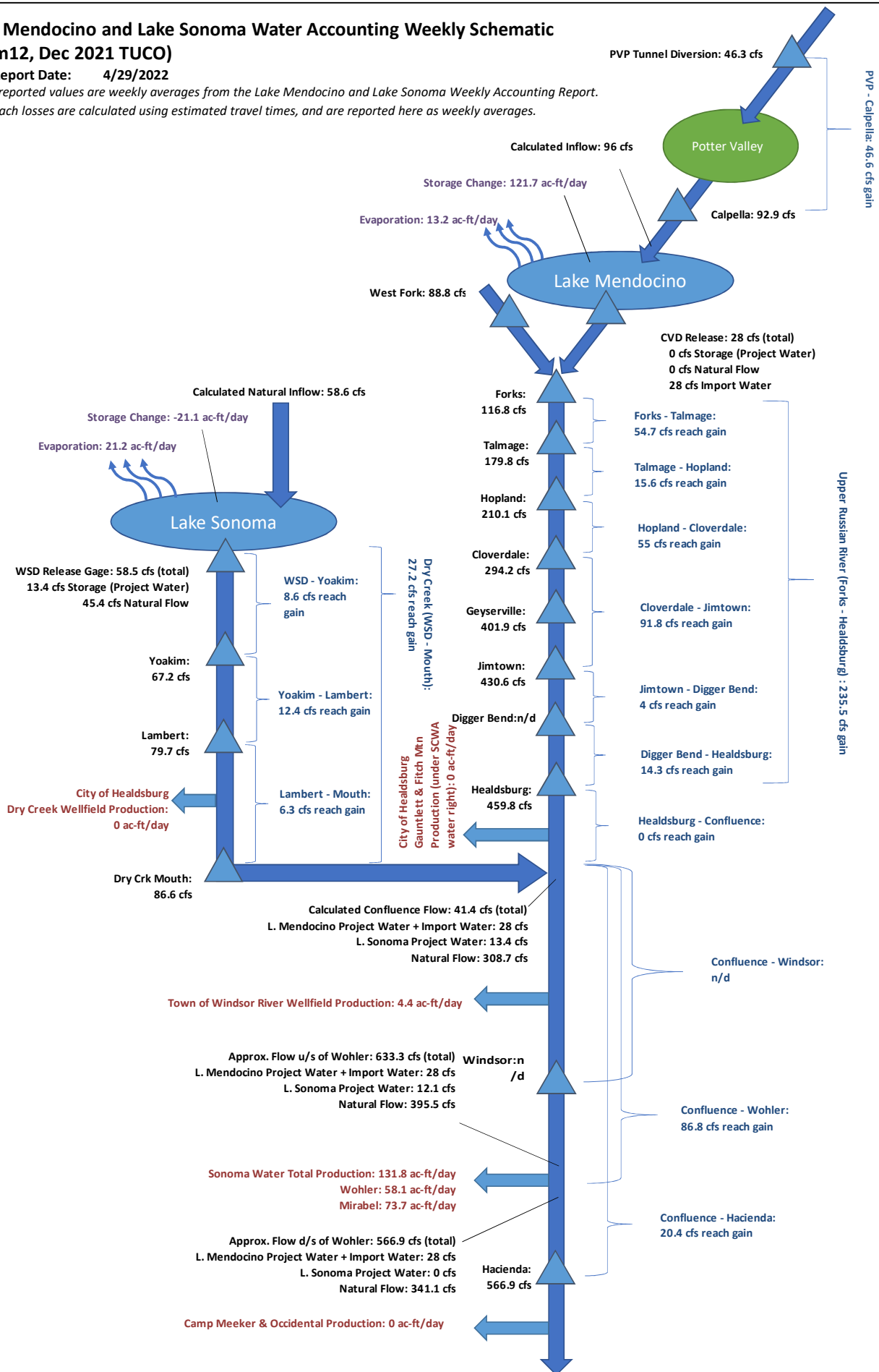
Notes:
- Water Accounting for the Upper Russian River is an analysis that approximates the current conditions based on methodology in Term 11 (2/11/21 Order) report and modified by Term 12 (6/14/21 Order) report. Values listed include estimated values where measurements are not currently available (red italics).

	4/22/2022	4/23/2022	4/24/2022	4/25/2022	4/26/2022	4/27/2022	4/28/2022
IV. Lake Sonoma							
Lake Sonoma							
Storage Change (ac-ft)	+110.0	+37.0	-18.0	-56.0	-55.0	-74.0	-92.0
(cfs)	+55	+19	-9	-28	-28	-37	-46
Evaporation (ac-ft)	15.5	20.6	21.7	22.7	22.7	22.7	22.7
Inflow (Natural Flow)	124	88	60	41	42	32	23
WSD Release Gage	61	59	58	58	58	58	58
Storage (Project Water)	0	0	0	17	16	26	35
Natural Flow	61	59	60	41	42	32	23
V. Lower Dry Creek Reach							
Minimum Instream Flow Requirement	25	25	25	25	25	25	25
Controlling Compliance Gage							
Min Gage Flow	61	59	58	58	58	58	58
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	61	59	58	58	58	58
Yoakim (USGS 11465200)	11.1	75	70	68	66	64	63
Lambert (USGS 11465240)	6.8	88	83	80	78	77	75
Dry Crk Mouth (USGS 11465350)	0.1	121	107	87	79	73	69
WSD to Russian River Confluence Reach Analysis							
Total Pass-through Water	61	59	60	41	42	32	23
Net Reach Loss(-)/Gain(+)							
WSD - Yoakim	+14	+11	+10	+8	+6	+6	+5
Yoakim - Lambert	+12	+13	+12	+13	+12	+12	+12
Lambert - Dry Crk Mouth	+31	+23	+6	-0	-4	-5	-7
WSD - Dry Crk Mouth	+57	+47	+29	+20	+15	+12	+11
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	Yes	Yes	Yes	Yes
VI. Russian River - Dry Creek Confluence							
Upper Russian River Flow (Healdsburg Gage)							
L. Mendocino Project Water + Import Water	28	28	28	28	28	28	28
Natural Flow	149	320	318	277	226	192	167
Dry Creek Flow (Mouth Gage)							
L. Sonoma Project Water	0	0	0	17	16	26	35
Natural Flow	121	107	87	62	57	45	34
Russian River d/s of Confluence Flow	867	766	600	493	417	362	322
L. Mendocino Project Water + Import Water	28	28	28	28	28	28	28
L. Sonoma Project Water	0	0	0	17	16	26	35
Natural Flow	270	427	405	339	283	237	201
VII. Lower Russian River Reach							
Minimum Instream Flow Requirement	35	35	35	35	35	35	35
Controlling Compliance Gage							
Min Gage Flow	749	789	652	542	463	405	368
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	749	789	652	542	463	368
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	807	851	712	614	535	473	441
Net Reach Loss(-)/Gain(+)	-60	+85	+112	+122	+118	+111	+119
L. Mendocino Project Water + Import Water	28	28	28	28	28	28	28
L. Sonoma Project Water	0	0	0	14	14	23	32
Natural Flow	210	512	517	460	401	348	320
Confluence to Hacienda (Guerneville) Reach Analysis							
Net Reach Loss(-)/Gain(+)	-118	+23	+52	+49	+46	+43	+46
L. Mendocino Project Water + Import Water	28	28	28	28	28	28	28
L. Sonoma Project Water	0	0	0	0	0	0	0
Natural Flow	152	450	457	403	343	303	280
VIII. Water Production under Sonoma Water Water Rights (ac-ft)							
Lower Russian River							
Sonoma Water Total	114.7	123.7	118.7	143.5	142.3	135.4	144.4
Wohler	67.7	53.6	66.8	71.0	46.9	46.8	54.0
Mirabel	47.0	70.1	51.9	72.5	95.4	88.6	90.4
Town of Windsor River Wellfield	4.8	3.6	3.6	4.5	4.5	4.7	4.9
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 (Term12, Dec 2021 TUCO)

Report Date: 4/29/2022

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.



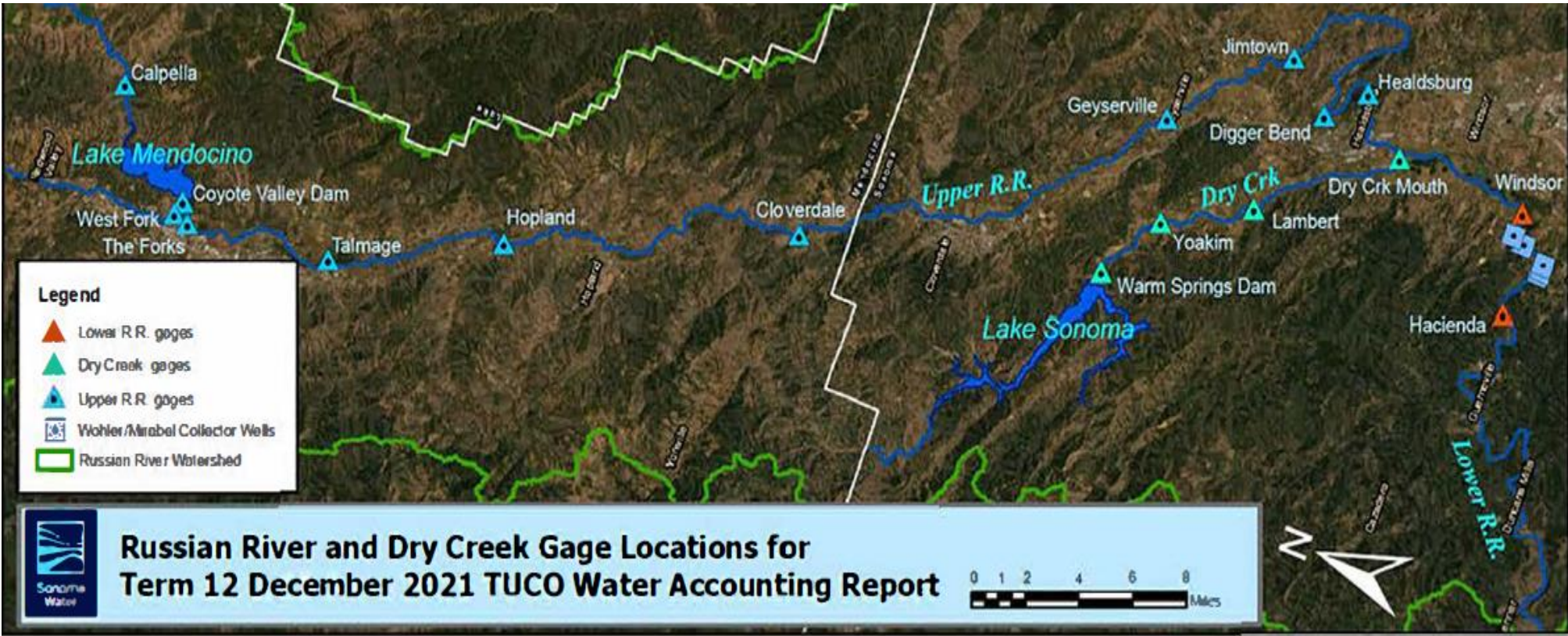
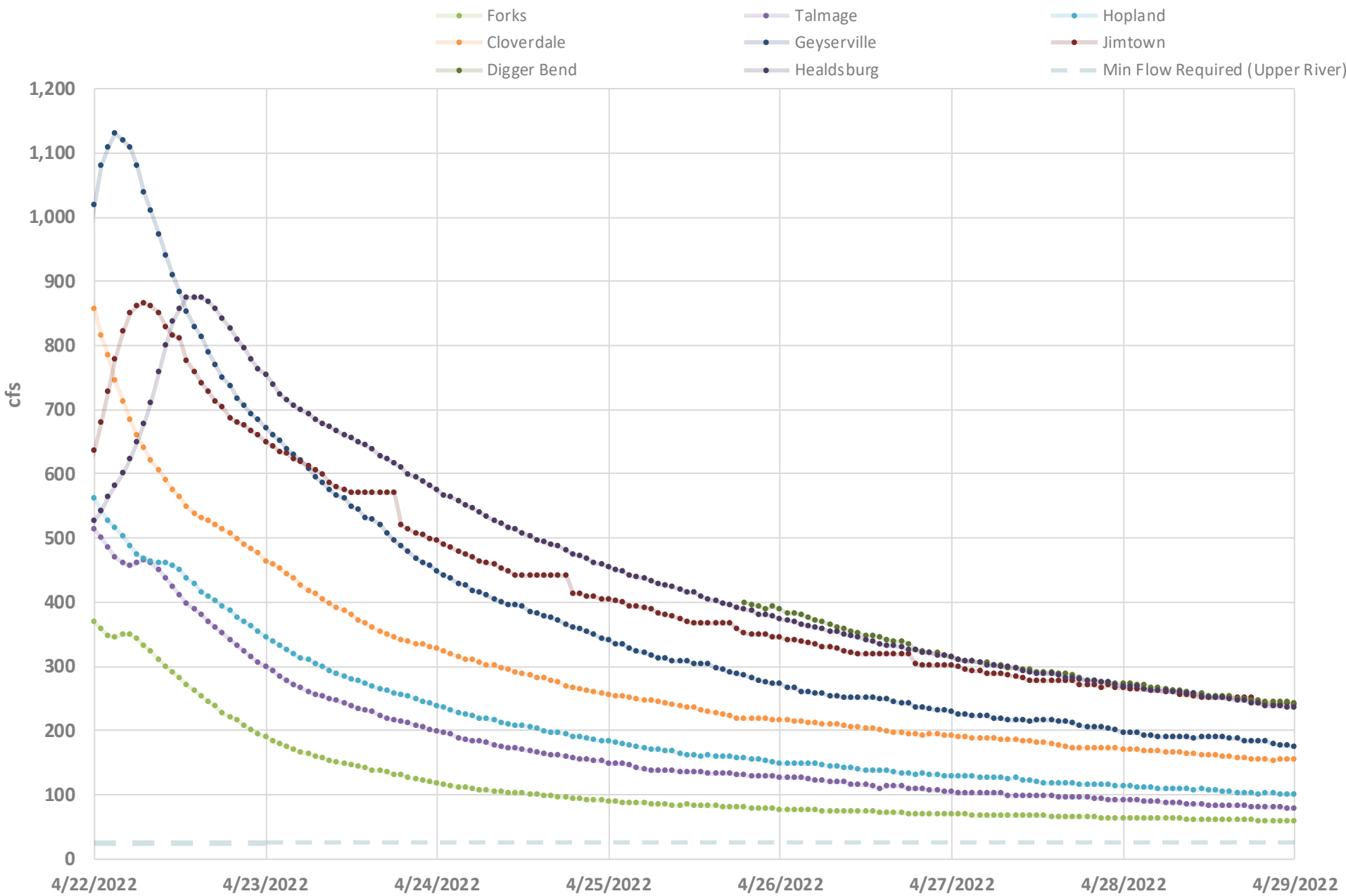
Lake Mendocino and Lake Sonoma Water Accounting Weekly Report (Term 12, Dec 2021 TUCO)

Report Date: 4/29/2022

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



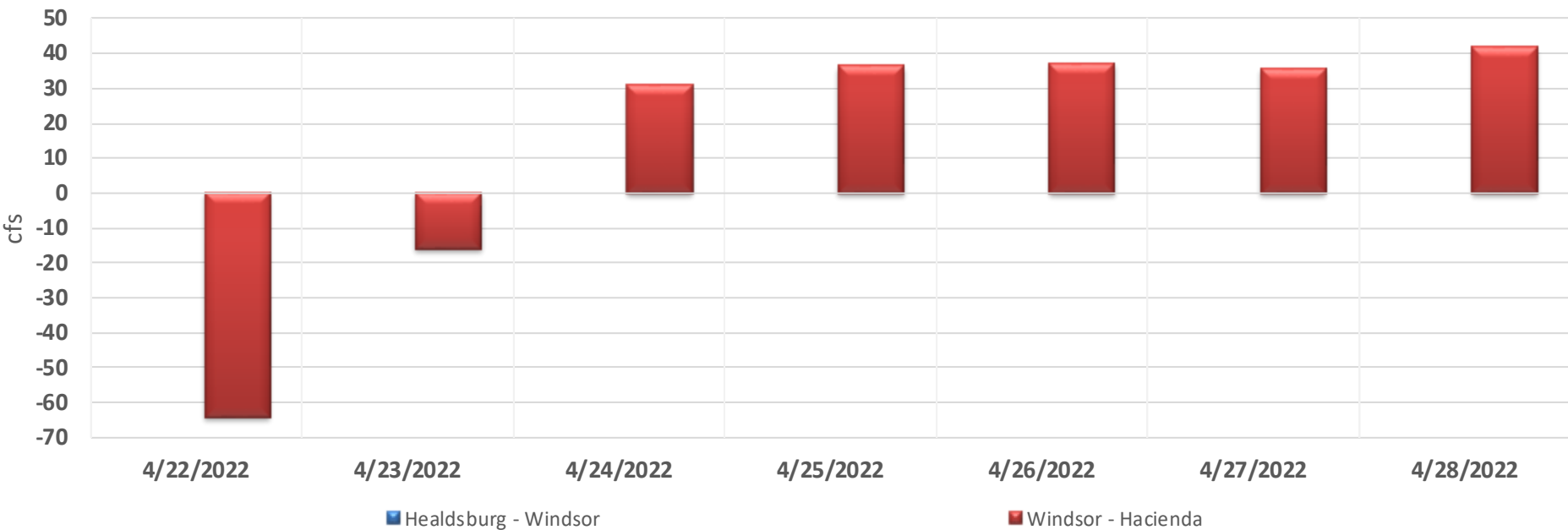
UPPER RUSSIAN RIVER STREAM FLOWS



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

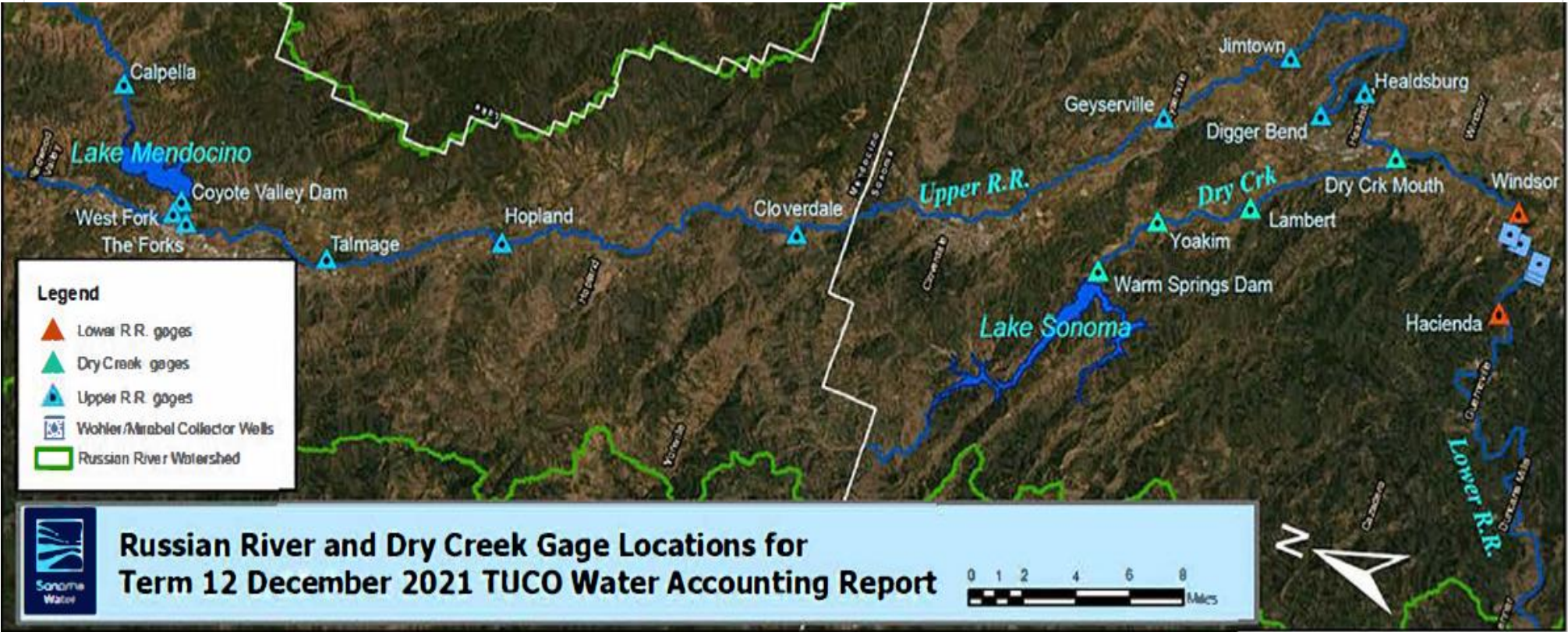
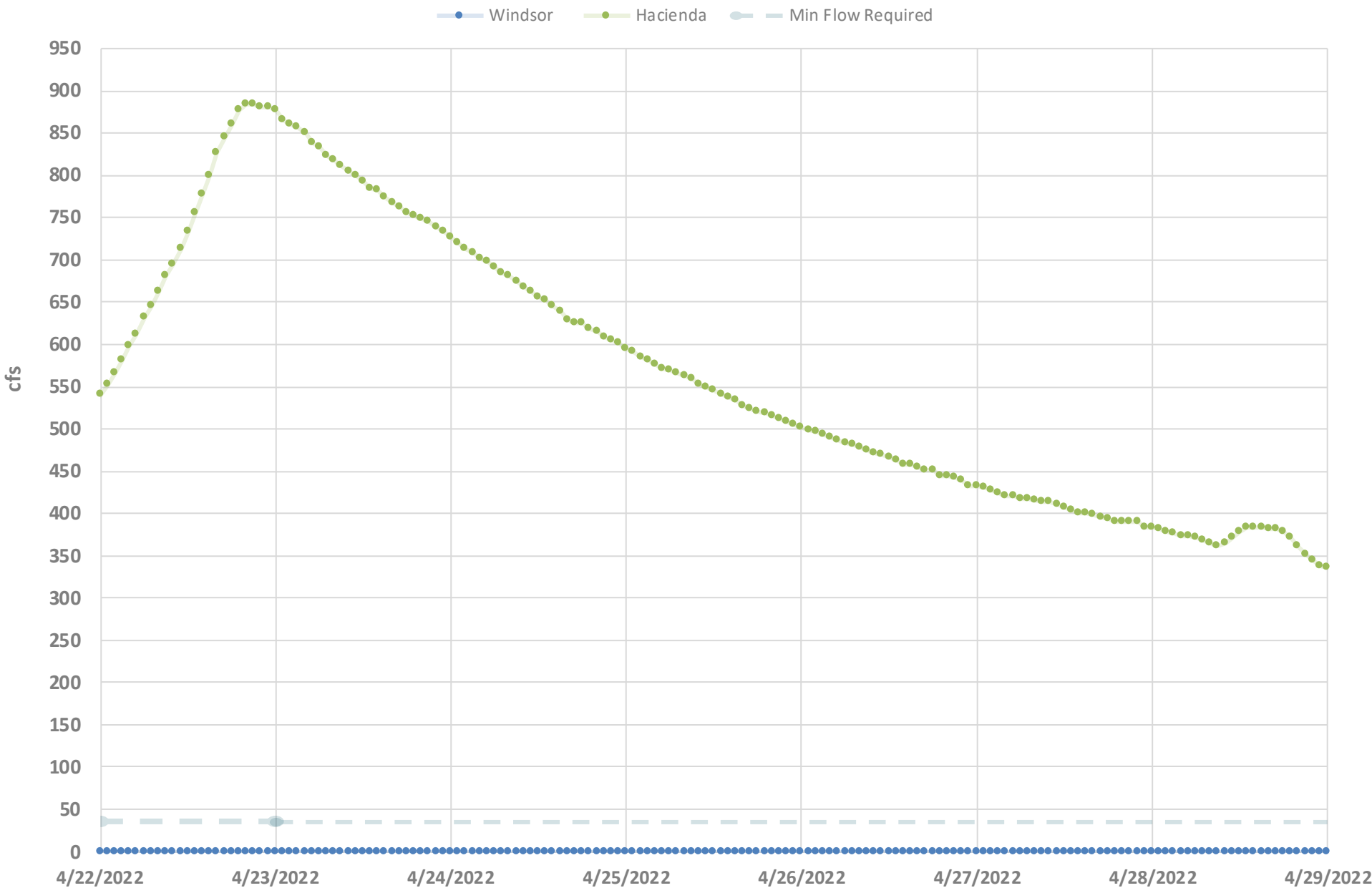
Report Date: 4/29/2022

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

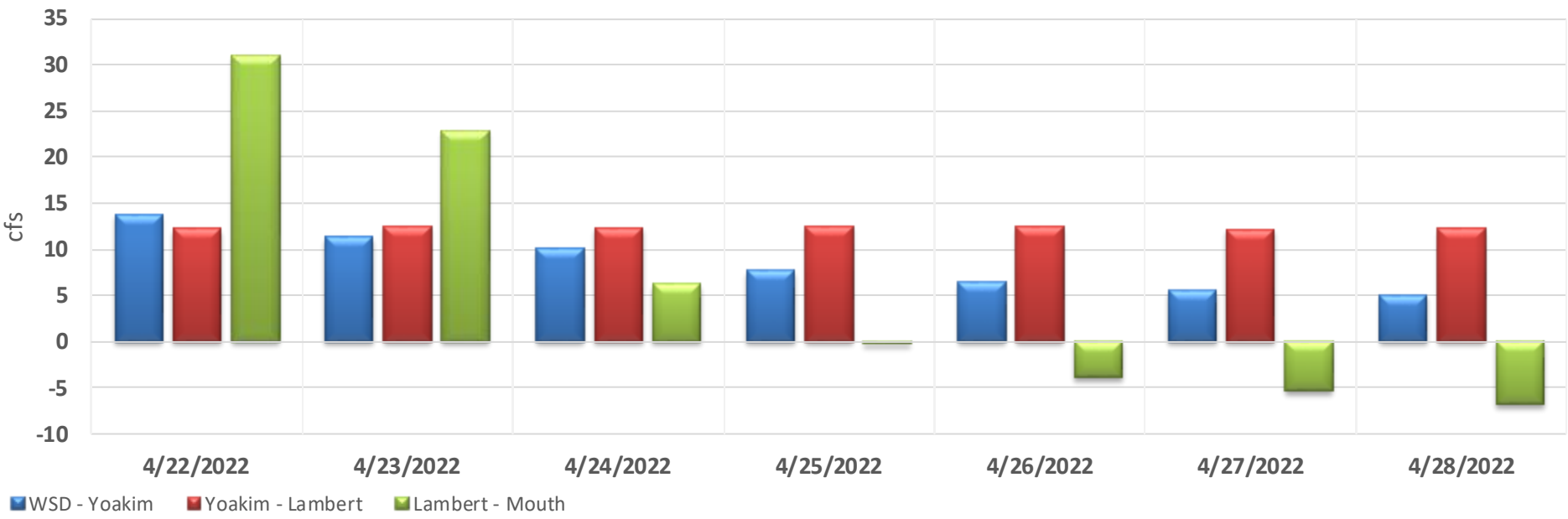
LOWER RUSSIAN RIVER STREAM FLOWS



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

Report Date: 4/29/2022

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



DRY CREEK STREAM FLOWS

