

Units are cfs unless noted otherwise

	5/20/2022	5/21/2022	5/22/2022	5/23/2022	5/24/2022	5/25/2022	5/26/2022
I. Upper East Fork Reach							
Potter Valley Project							
Tunnel Diversion	98.0	103.0	105.0	105.0	109.0	111.0	111.0
PVID Requested Delivery	17.0	22.5	25.0	25.0	28.6	31.0	31.0
PVID Canals Actual Delivery	16.0	17.0	17.0	17.0	17.0	17.0	18.0
East Fork Release	82.0	86.0	88.0	88.0	92.0	94.0	93.0
PVID E Fork Diversions	1.0	5.5	8.0	8.0	11.6	14.0	13.0
PVID Water Use - PG&E Contract	17.0	22.5	25.0	25.0	28.6	31.0	31.0
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)	81.0	80.5	80.0	80.0	80.4	80.0	80.0
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	84.5	83.5	92.8	95.9	92.2	92.0	97.5
Net Reach Loss(-)/Gain(+)	-13.5	-19.5	-12.2	-9.1	-16.8	-19.0	-13.5
Unimpaired Natural Flow @ Calpella (est.)	3.5	3.0	12.8	15.9	11.9	12.0	17.5
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 (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)	151	149	176	195	178	163	209
(cfs)	76	75	89	98	90	82	105
Natural Flow	3	3	13	18	12	12	25
Import	72	72	76	80	78	70	80
Storage Change (ac-ft)	+75.0	+75.0	+104.0	+120.0	+104.0	+90.0	+135.0
(cfs)	+38	+38	+52	+61	+52	+45	+68
Stored Natural Flow (cfs)	3	3	13	18	12	12	25
Stored Import Water (cfs)	34	35	40	42	41	33	43
Evaporation (ac-ft)	23.5	24.4	22.6	25.3	24.4	23.6	24.5
RVCWD Diversion (ac-ft)	0	0	0	0	0	0	0
CVD Release Gage	26	25	25	25	25	25	25
Storage (Project Water)	0	0	0	0	0	0	0
Natural Flow	0	0	0	0	0	0	0
Import Water	26	25	25	25	25	25	25
East Fork Min Instream Flow Requirement	25	25	25	25	25	25	25
Compliance Gage	Rvr mi.						
CVD Release	99.9	26	25	25	25	25	25
CVD Project Water Release to Meet Min Flow Requirement							
Total Pass-through Water	26	25	25	25	25	25	25
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		37	38	37	36	33	32	34
Controlling Gage		Talmage	Forks	Talmage	Hopland	Hopland	Cloverdale	Hopland
All Compliance Gages		Rvr mi.						
Forks	(CVD + USGS 11461000)	99.0	39	38	37	37	36	35
Talmage	(USGS 11462080)	96.1	37	38	37	37	36	36
Hopland	(USGS 11462500)	84.8	39	39	38	36	33	34
Cloverdale	(USGS 11463000)	70.9	45	43	43	40	36	39
Geyserville	(USGS 11463500)	54.4	53	51	50	46	44	37
Jimtown	(USGS 11463682)	48.5	73	68	66	62	58	50
Digger Bend	(USGS 11463980)	38.2	69	65	64	61	59	47
Healdsburg	(USGS 11464000)	35.6	71	67	64	61	56	48
Net Reach Loss(-)/Gain(+)								
Forks - Talmage		-3	-0	-0	+1	-0	+4	+1
Talmage - Hopland		+2	+1	+1	-1	-4	-1	-4
Hopland - Cloverdale		+4	+5	+4	+3	+1	-0	-2
Cloverdale - Jimtown		+27	+23	+23	+20	+19	+18	+17
Jimtown - Digger Bend		-6	-4	-3	-2	-0	-2	-4
Digger Bend - Healdsburg		-0	+1	-1	-1	-4	-3	+1
Upper Russian Net Reach Loss/Gain		+23	+26	+24	+19	+12	+16	+9
CVD Project Water Release to Meet Min Flow Requirement								
Net Reach Loss(-)/Gain(+) to Controlling Gage		-3	+0	-0	-0	-4	+3	-3
Storage (Project Water)		-0	0	-0	-0	-0	0	-0
Pass-through Water (Nat. + Imp.) + Natural		-3	0	-0	-0	-4	3	-3
Total Pass-through Water		23	25	25	25	21	28	22
Project Water Release Required		No	No	No	No	No	No	No

Notes:

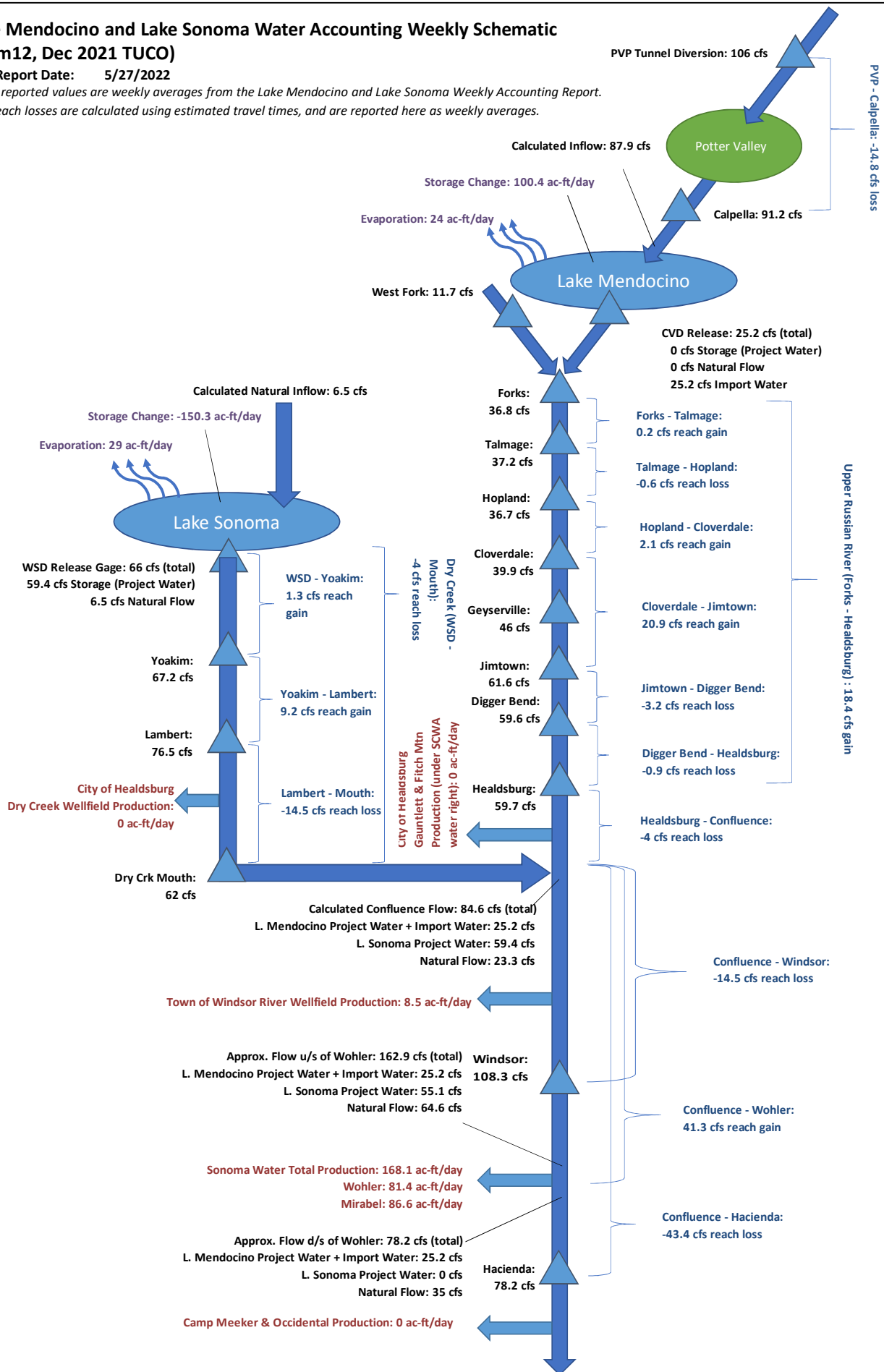
- Water Accounting for the Upper Russian River is an analysis that approximates the current conditions based on methodology in Term 11 (2/11/21 Order) report and modified by Term 12 (6/14/21 Order) report. Values listed include estimated values where measurements are not currently available (red italics).

	5/20/2022	5/21/2022	5/22/2022	5/23/2022	5/24/2022	5/25/2022	5/26/2022
IV. Lake Sonoma							
Lake Sonoma							
Storage Change (ac-ft)	-127.0	-182.0	-163.0	-127.0	-145.0	-163.0	-145.0
(cfs)	-64	-92	-82	-64	-73	-82	-73
Evaporation (ac-ft)	29.5	29.5	31.6	31.6	33.6	31.5	15.7
Inflow (Natural Flow)	17	0	0	18	10	0	1
WSD Release Gage	66	66	65	66	66	66	66
Storage (Project Water)	49	66	65	48	56	66	65
Natural Flow	17	0	0	18	10	0	1
V. Lower Dry Creek Reach							
Minimum Instream Flow Requirement	25	25	25	25	25	25	25
Controlling Compliance Gage							
Min Gage Flow	64	64	64	62	60	59	60
Controlling Gage	Dry Crk Mouth	Dry Crk Mouth	Dry Crk Mouth	Dry Crk Mouth	Dry Crk Mouth	Dry Crk Mouth	Dry Crk Mouth
All Compliance Gages							
	Crk mi.						
WSD Release	14.3	66	66	65	66	66	66
Yoakim (USGS 11465200)	11.1	69	68	68	67	66	66
Lambert (USGS 11465240)	6.8	77	77	77	76	76	76
Dry Crk Mouth (USGS 11465350)	0.1	64	64	64	62	60	60
WSD to Russian River Confluence Reach Analysis							
Total Pass-through Water	17	0	0	18	10	0	1
Net Reach Loss(-)/Gain(+)							
WSD - Yoakim	+3	+2	+3	+2	+0	-0	-0
Yoakim - Lambert	+8	+9	+9	+9	+10	+10	+10
Lambert - Dry Crk Mouth	-13	-13	-13	-15	-16	-17	-15
WSD - Dry Crk Mouth	-2	-2	-2	-4	-6	-7	-5
WSD Project Water Release to Meet Min Flow Requirement							
Net Reach Loss/Gain to Controlling Gage	-2	-2	-2	-4	-6	-7	-5
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	26	25	25	25	25	25	25
Natural Flow	23	26	24	19	12	16	9
Dry Creek Flow (Mouth Gage)							
L. Sonoma Project Water	49	66	65	48	56	66	65
Natural Flow	15	0	0	14	4	0	0
Russian River d/s of Confluence Flow	135	131	127	123	117	111	108
L. Mendocino Project Water + Import Water	26	25	25	25	25	25	25
L. Sonoma Project Water	49	66	65	48	56	66	65
Natural Flow	39	26	24	33	16	16	9
VII. Lower Russian River Reach							
Minimum Instream Flow Requirement	35	35	35	35	35	35	35
Controlling Compliance Gage							
Min Gage Flow	86	86	84	78	75	71	67
Controlling Gage	Hacienda	Hacienda	Hacienda	Hacienda	Hacienda	Hacienda	Hacienda
All Compliance Gages							
	Rvr mi.						
Windsor (USGS 11465390)	26.6	165.1	133.3	111.9	99.1	88.2	81.9
Hacienda (USGS 11467000)	21.8	86	86	84	78	75	71
Confluence to Windsor Reach Analysis							
Net Reach Loss/Gain to Windsor Gage	+30	+3	-17	-26	-31	-32	-29
L. Mendocino Project Water + Import Water	26	25	25	25	25	25	25
L. Sonoma Project Water	45	62	61	44	52	61	61
Natural Flow	69	29	7	7	0	0	0
Confluence to SCWA Wohler Production Facility Reach Analysis							
Approx. Flow u/s of Wohler	170	152	179	164	165	158	151
Net Reach Loss(-)/Gain(+)	+35	+22	+52	+42	+48	+47	+44
L. Mendocino Project Water + Import Water	26	25	25	25	25	25	25
L. Sonoma Project Water	45	62	61	44	52	61	61
Natural Flow	73	48	76	75	64	63	53
Confluence to Hacienda (Guerneville) Reach Analysis							
Net Reach Loss(-)/Gain(+)	-49	-44	-43	-45	-41	-40	-41
L. Mendocino Project Water + Import Water	26	25	25	25	25	25	25
L. Sonoma Project Water	0	0	0	0	0	0	0
Natural Flow	35	43	42	32	26	37	30
VIII. Water Production under Sonoma Water Water Rights (ac-ft)							
Lower Russian River							
Sonoma Water Total	165.7	131.5	189.4	172.3	178.0	172.2	167.3
Wohler	80.2	79.0	79.8	75.1	90.6	85.5	79.8
Mirabel	85.5	52.5	109.6	97.1	87.4	86.7	87.5
Town of Windsor River Wellfield	8.9	8.4	8.1	8.3	8.9	9.3	7.7
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

Lake Mendocino and Lake Sonoma Water Accounting Weekly Schematic (Term12, Dec 2021 TUCO)

Report Date: 5/27/2022

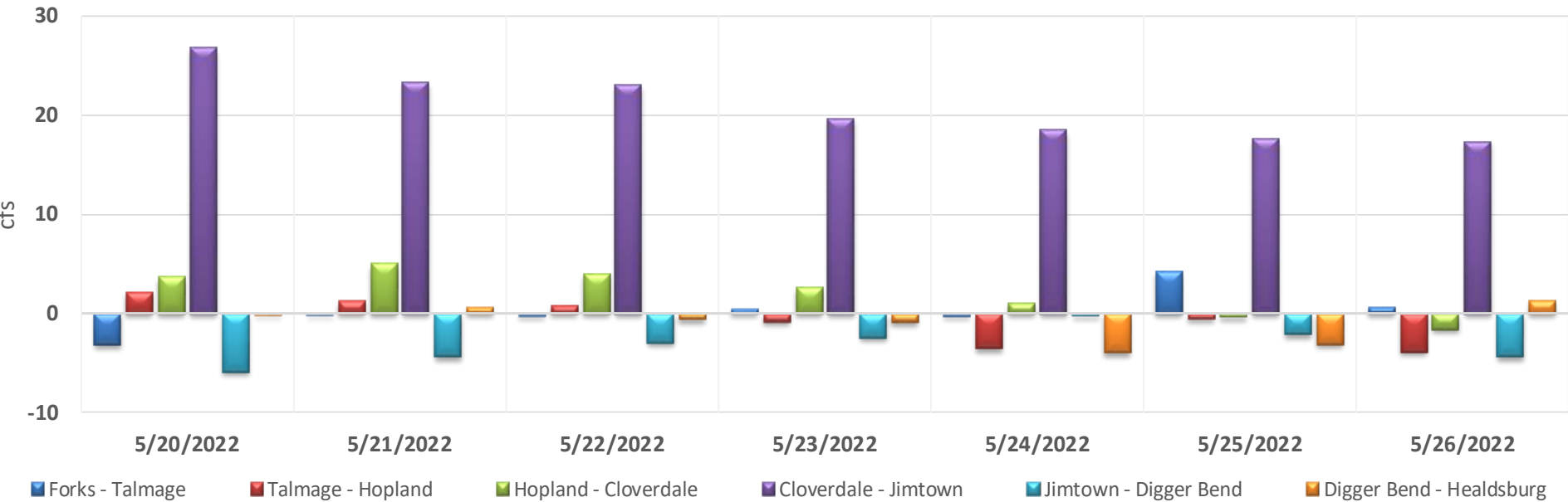
All reported values are weekly averages from the Lake Mendocino and Lake Sonoma Weekly Accounting Report.
Reach losses are calculated using estimated travel times, and are reported here as weekly averages.



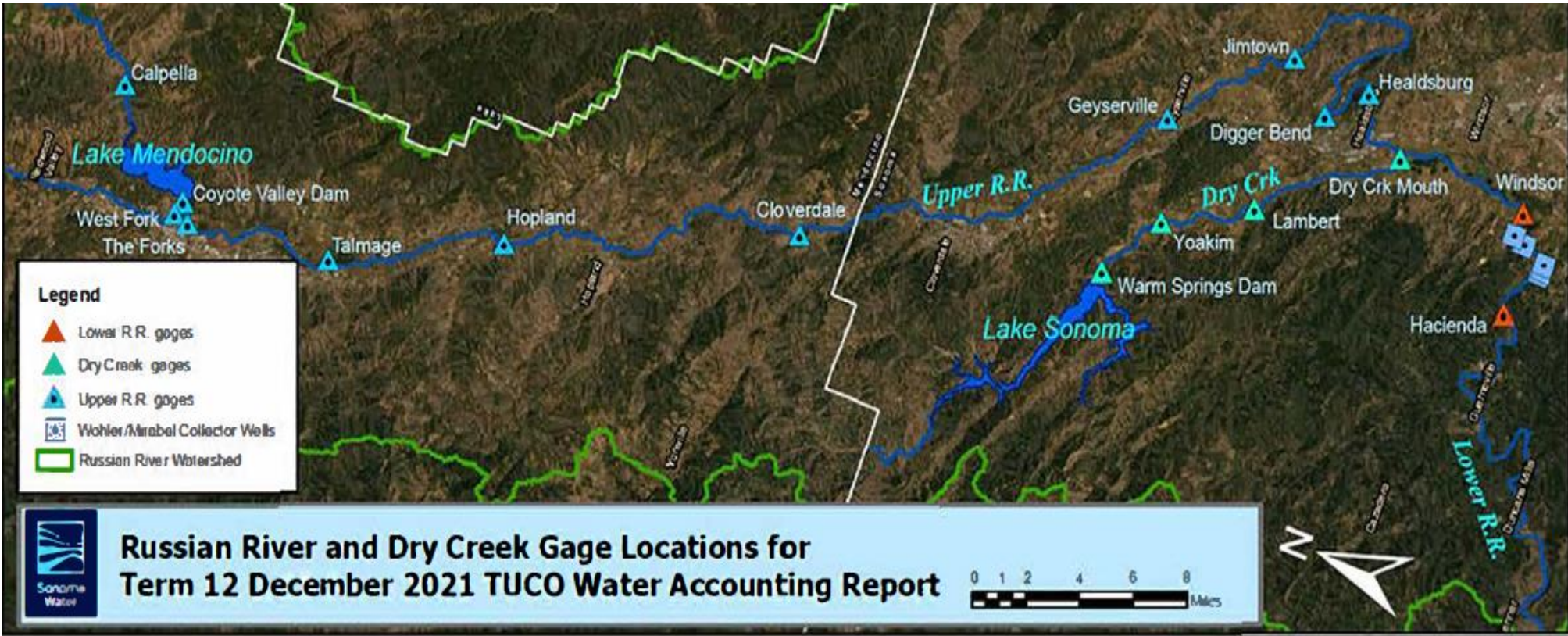
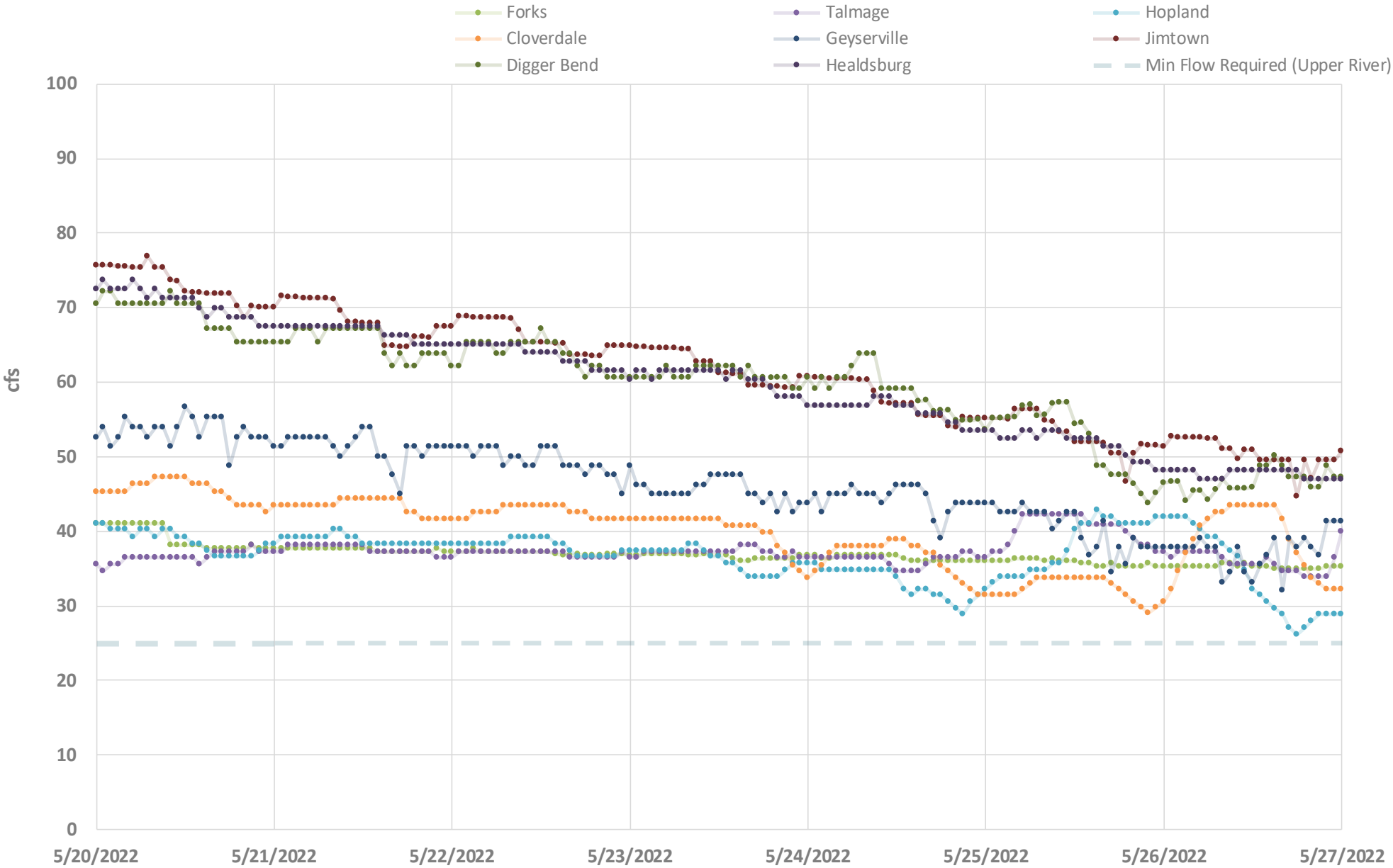
Lake Mendocino and Lake Sonoma Water Accounting Weekly Report (Term 12, Dec 2021 TUCO)

Report Date: 5/27/2022

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



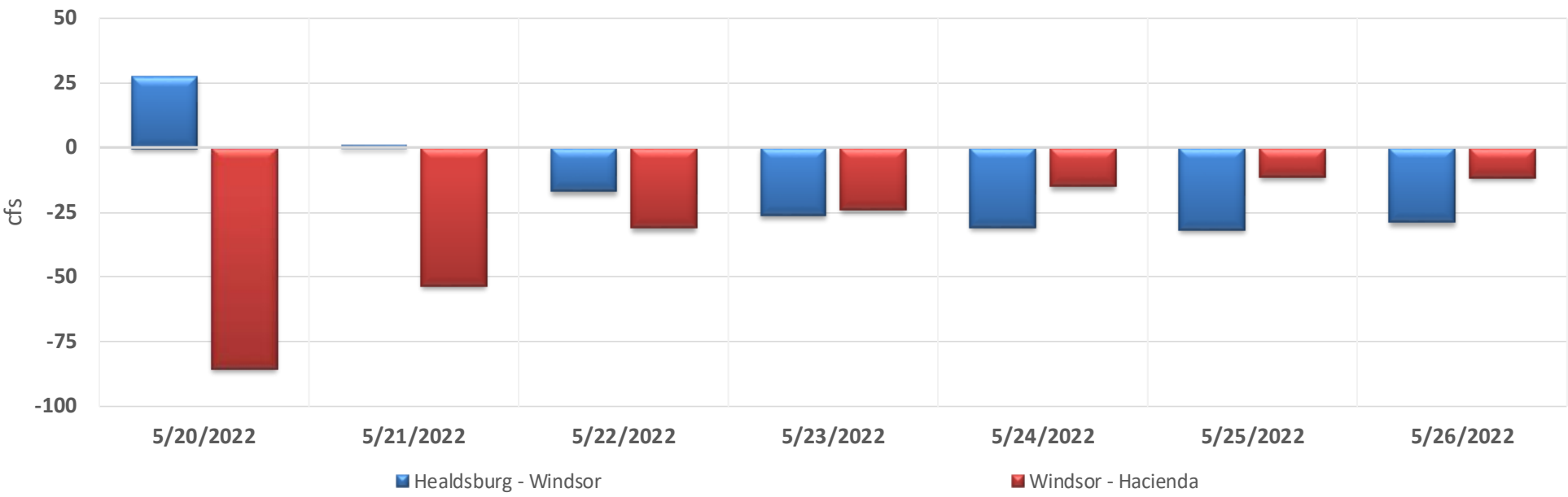
UPPER RUSSIAN RIVER STREAM FLOWS



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

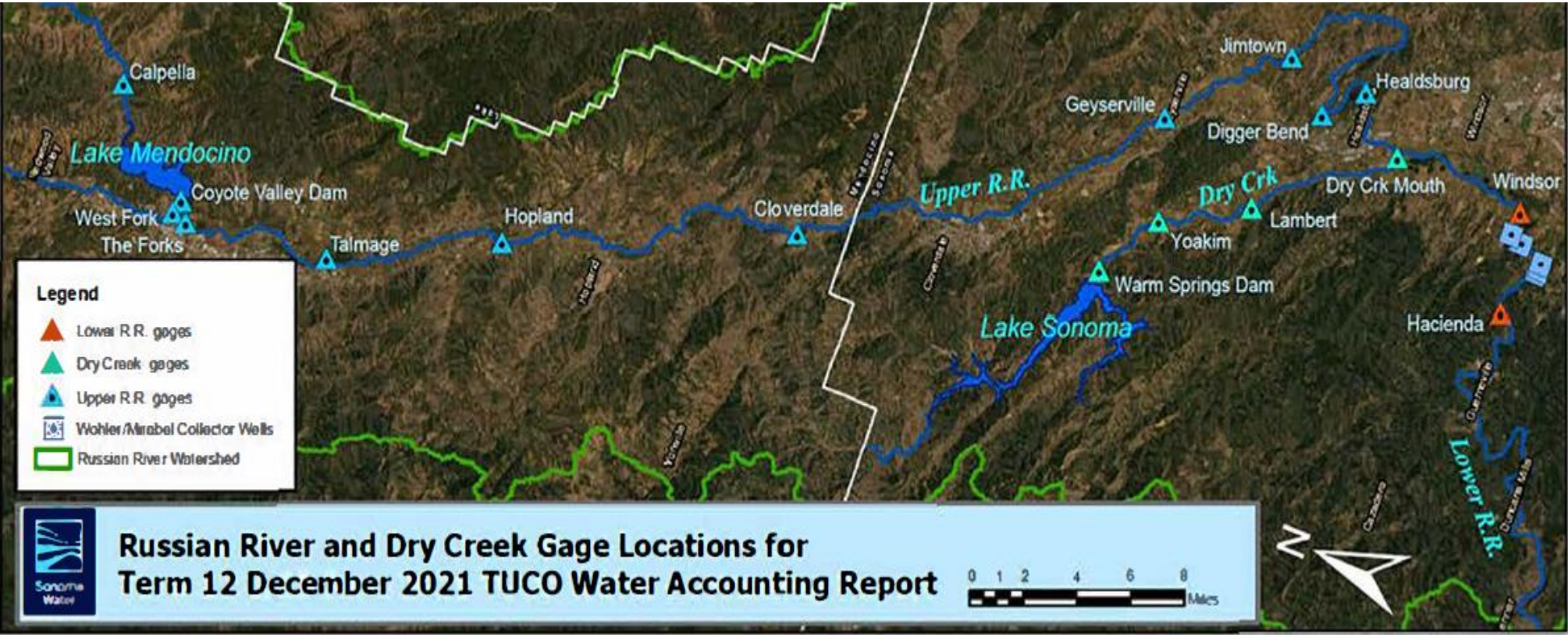
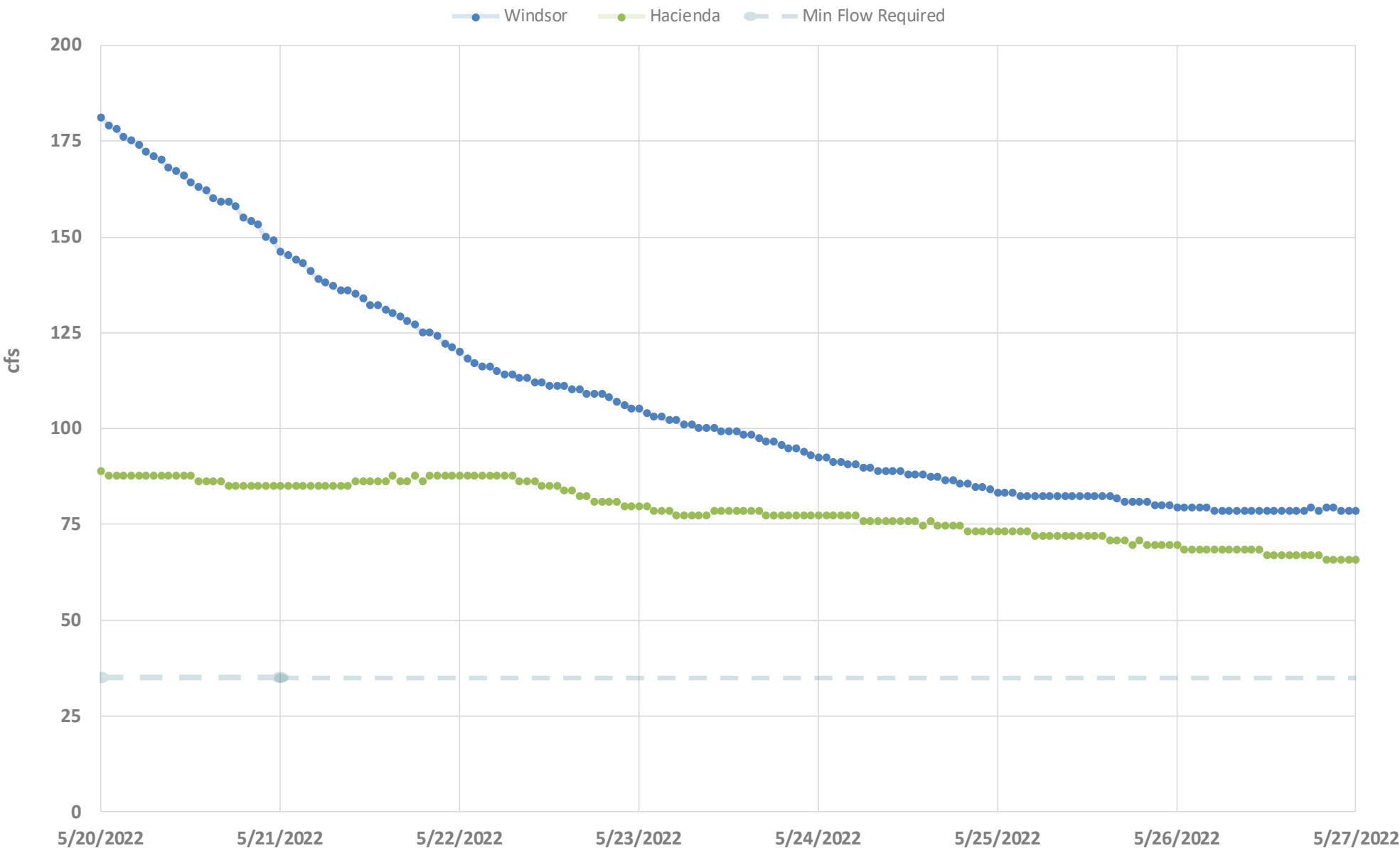
Report Date: 5/27/2022

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

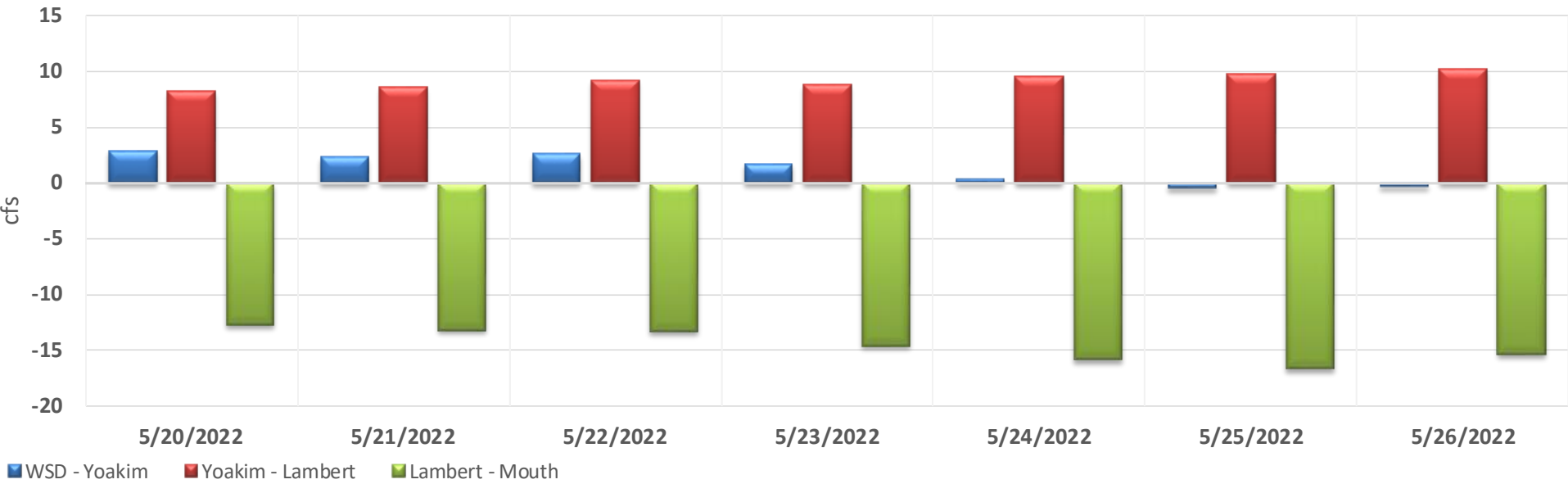
LOWER RUSSIAN RIVER STREAM FLOWS



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

Report Date: 5/27/2022

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



DRY CREEK STREAM FLOWS

