

Units are cfs unless noted otherwise

	3/18/2022	3/19/2022	3/20/2022	3/21/2022	3/22/2022	3/23/2022	3/24/2022
I. Upper East Fork Reach							
Potter Valley Project							
Tunnel Diversion	60.0	64.0	66.0	66.0	66.0	66.0	69.0
PVID Requested Delivery	20.0	23.5	25.0	25.0	25.0	25.0	29.3
PVID Canals Actual Delivery	10.0	10.0	10.0	10.0	10.0	10.0	10.0
East Fork Release	50.0	54.0	56.0	56.0	56.0	56.0	59.0
PVID E Fork Diversions	10.0	13.5	15.0	15.0	15.0	15.0	19.3
PVID Water Use - PG&E Contract	20.0	23.5	25.0	25.0	25.0	25.0	29.3
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)	40.0	40.5	41.0	41.0	41.0	41.0	39.8
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	57.1	56.3	57.2	61.7	58.6	61.9	62.5
Net Reach Loss(-)/Gain(+)	-2.9	-7.7	-8.8	-4.3	-7.4	-4.1	-6.5
Unimpaired Natural Flow @ Calpella (est.)	17.1	15.8	16.2	20.7	17.6	20.9	22.8
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)	122	141	112	128	120	126	142
(cfs)	62	71	56	65	60	63	71
Natural Flow	22	30	16	24	19	22	32
Import	40	40	40	41	41	41	40
Storage Change (ac-ft)	+56.0	+72.0	+42.0	+57.0	+57.0	+58.0	+71.0
(cfs)	+28	+36	+21	+29	+29	+29	+36
Stored Natural Flow (cfs)	22	30	16	24	19	22	32
Stored Import Water (cfs)	7	6	5	5	9	7	4
Evaporation (ac-ft)	11.0	12.0	12.0	12.1	5.6	11.3	13.7
RVCWD Diversion (ac-ft)	0	0	0	0	0	0	0
CVD Release Gage	28	29	29	30	29	28	29
Storage (Project Water)	0	0	0	0	0	0	0
Natural Flow	0	0	0	0	0	0	0
Import Water	28	28	29	30	29	28	29
East Fork Min Instream Flow Requirement	25	25	25	25	25	25	25
Compliance Gage	Rvr mi.						
CVD Release	99.9	28	29	29	30	29	28
CVD Project Water Release to Meet Min Flow Requirement							
Total Pass-through Water	28	28	29	30	29	28	29
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	39	39	40	38	37	35	36
Controlling Gage	Talmage	Talmage	Talmage	Talmage	Talmage	Talmage	Talmage
All Compliance Gages							
Forks	(CVD + USGS 11461000)	99.0	43	43	45	45	43
Talmage	(USGS 11462080)	96.1	39	39	40	37	35
Hopland	(USGS 11462500)	84.8	50	51	49	47	41
Cloverdale	(USGS 11463000)	70.9	76	80	78	75	70
Geyserville	(USGS 11463500)	54.4	89	88	87	83	79
Jimtown	(USGS 11463682)	48.5	98	98	100	99	96
Digger Bend	(USGS 11463980)	38.2	117	116	118	117	115
Healdsburg	(USGS 11464000)	35.6	89	88	90	89	86
Net Reach Loss(-)/Gain(+)							
Forks - Talmage		-4	-4	-5	-6	-7	-8
Talmage - Hopland		+10	+12	+10	+8	+8	+5
Hopland - Cloverdale		+27	+30	+27	+26	+29	+27
Cloverdale - Jimtown		+23	+21	+20	+22	+23	+20
Jimtown - Digger Bend		+19	+19	+18	+18	+17	+17
Digger Bend - Healdsburg		-29	-28	-28	-29	-30	-29
Upper Russian Net Reach Loss/Gain		+46	+50	+42	+39	+40	+33
CVD Project Water Release to Meet Min Flow Requirement							
Net Reach Loss(-)/Gain(+) to Controlling Gage		-4	-4	-5	-6	-7	-8
Storage (Project Water)		-0	-0	-0	-0	-0	-0
Pass-through Water (Nat. + Imp.) + Natural		-4	-4	-5	-6	-7	-8
Total Pass-through Water		24	24	24	23	22	21
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).

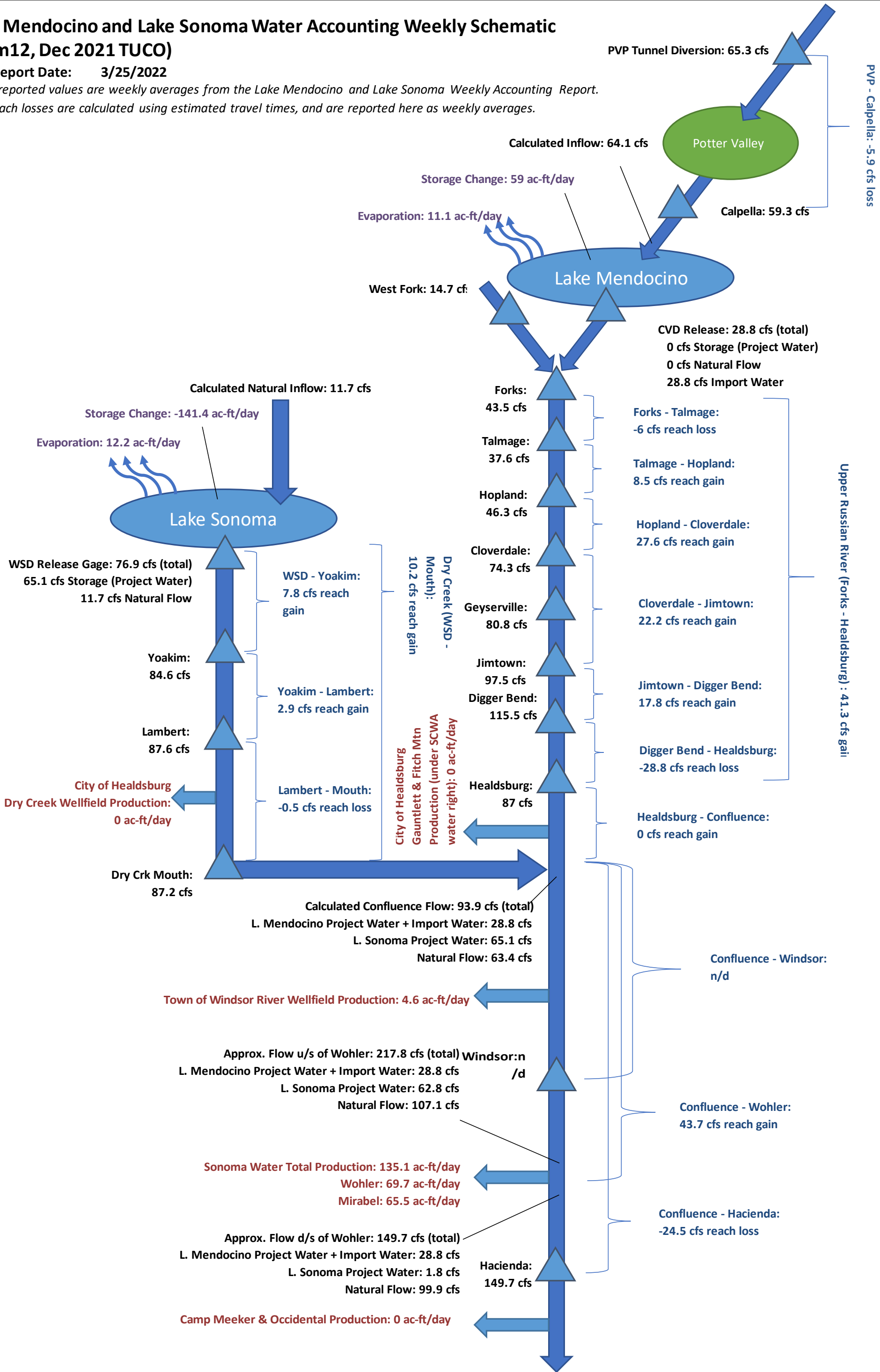
	3/18/2022	3/19/2022	3/20/2022	3/21/2022	3/22/2022	3/23/2022	3/24/2022
IV. Lake Sonoma							
Lake Sonoma							
Storage Change (ac-ft)	-150.0	-131.0	-149.0	-131.0	-149.0	-131.0	-149.0
(cfs)	-76	-66	-75	-66	-75	-66	-75
Evaporation (ac-ft)	10.5	8.4	12.6	13.6	15.7	12.5	12.5
Inflow (Natural Flow)	6	15	8	18	10	17	8
WSD Release Gage	76	77	77	77	77	77	77
Storage (Project Water)	70	62	69	59	67	60	69
Natural Flow	6	15	8	18	10	17	8
V. Lower Dry Creek Reach							
Minimum Instream Flow Requirement	75	75	75	75	75	75	75
Controlling Compliance Gage							
Min Gage Flow	76	77	77	77	77	77	77
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	76	77	77	77	77	77
Yoakim (USGS 11465200)	11.1	85	85	85	84	84	84
Lambert (USGS 11465240)	6.8	88	88	89	88	87	86
Dry Crk Mouth (USGS 11465350)	0.1	88	88	89	88	86	85
WSD to Russian River Confluence Reach Analysis							
Total Pass-through Water	6	15	8	18	10	17	8
Net Reach Loss(-)/Gain(+)							
WSD - Yoakim	+9	+8	+8	+8	+7	+7	+7
Yoakim - Lambert	+3	+3	+4	+4	+3	+2	+2
Lambert - Dry Crk Mouth	-1	+1	-0	-1	-1	-1	-1
WSD - Dry Crk Mouth	+11	+12	+12	+11	+9	+8	+8
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	28	29	29	30	29	28	29
Natural Flow	46	50	42	39	40	33	38
Dry Creek Flow (Mouth Gage)							
L. Sonoma Project Water	70	62	69	59	67	60	69
Natural Flow	17	27	20	29	19	26	16
Russian River d/s of Confluence Flow	177	177	179	177	172	170	168
L. Mendocino Project Water + Import Water	28	29	29	30	29	28	29
L. Sonoma Project Water	70	62	69	59	67	60	69
Natural Flow	64	77	62	68	59	58	55
VII. Lower Russian River Reach							
Minimum Instream Flow Requirement	35	35	35	35	35	35	35
Controlling Compliance Gage							
Min Gage Flow	172	172	172	164	130	117	121
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	172	172	172	164	117	121
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	232	235	235	246	197	174	206
Net Reach Loss(-)/Gain(+)	+56	+58	+56	+69	+25	+4	+37
L. Mendocino Project Water + Import Water	28	29	29	30	29	28	29
L. Sonoma Project Water	68	60	67	57	65	57	66
Natural Flow	120	136	118	137	84	63	92
Confluence to Hacienda (Guerneville) Reach Analysis							
Net Reach Loss(-)/Gain(+)	-5	-5	-7	-13	-42	-53	-47
L. Mendocino Project Water + Import Water	28	29	29	30	29	28	29
L. Sonoma Project Water	8	0	4	0	0	1	0
Natural Flow	120	132	118	111	82	63	74
VIII. Water Production under Sonoma Water Water Rights (ac-ft)							
Lower Russian River							
Sonoma Water Total	119.8	125.3	124.3	163.1	132.9	112.5	168.0
Wohler	71.1	61.2	79.6	82.4	50.5	61.7	81.1
Mirabel	48.7	64.1	44.7	80.7	82.4	50.8	86.9
Town of Windsor River Wellfield	4.4	3.9	3.7	5.3	5.1	5.0	4.8
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							

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)

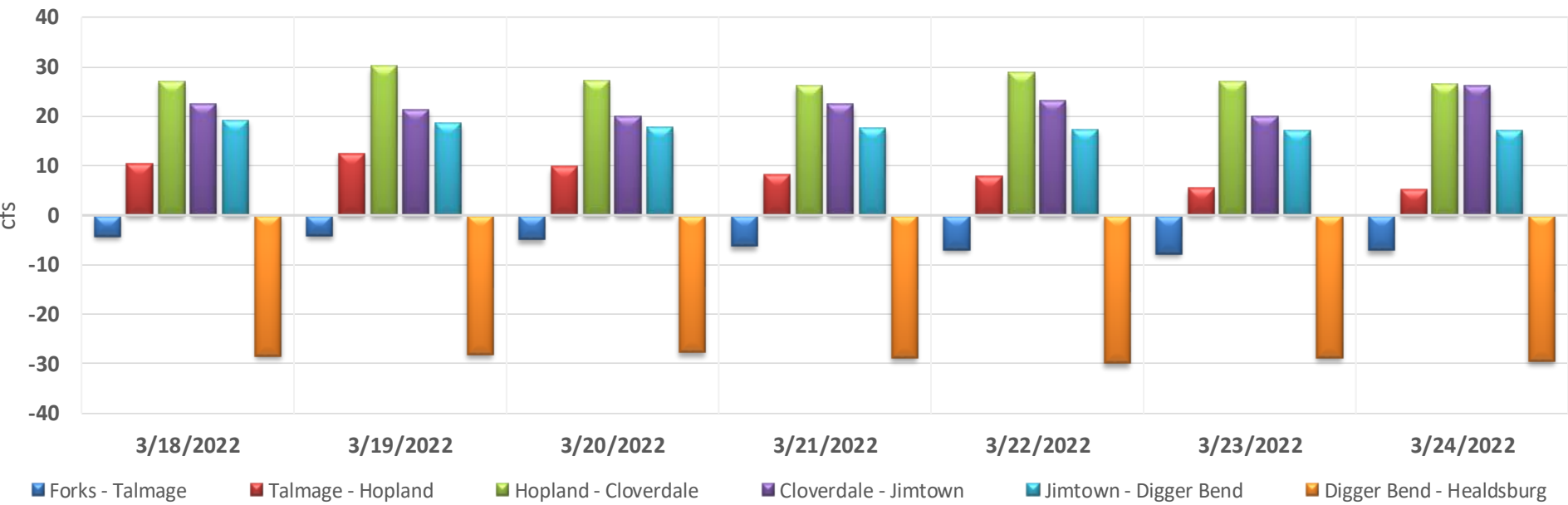
Report Date: 3/25/2022
All reported values are weekly averages from the Lake Mendocino and Lake Sonoma Weekly Accounting Report.
Reach losses are calculated using estimated travel times, and are reported here as weekly averages.



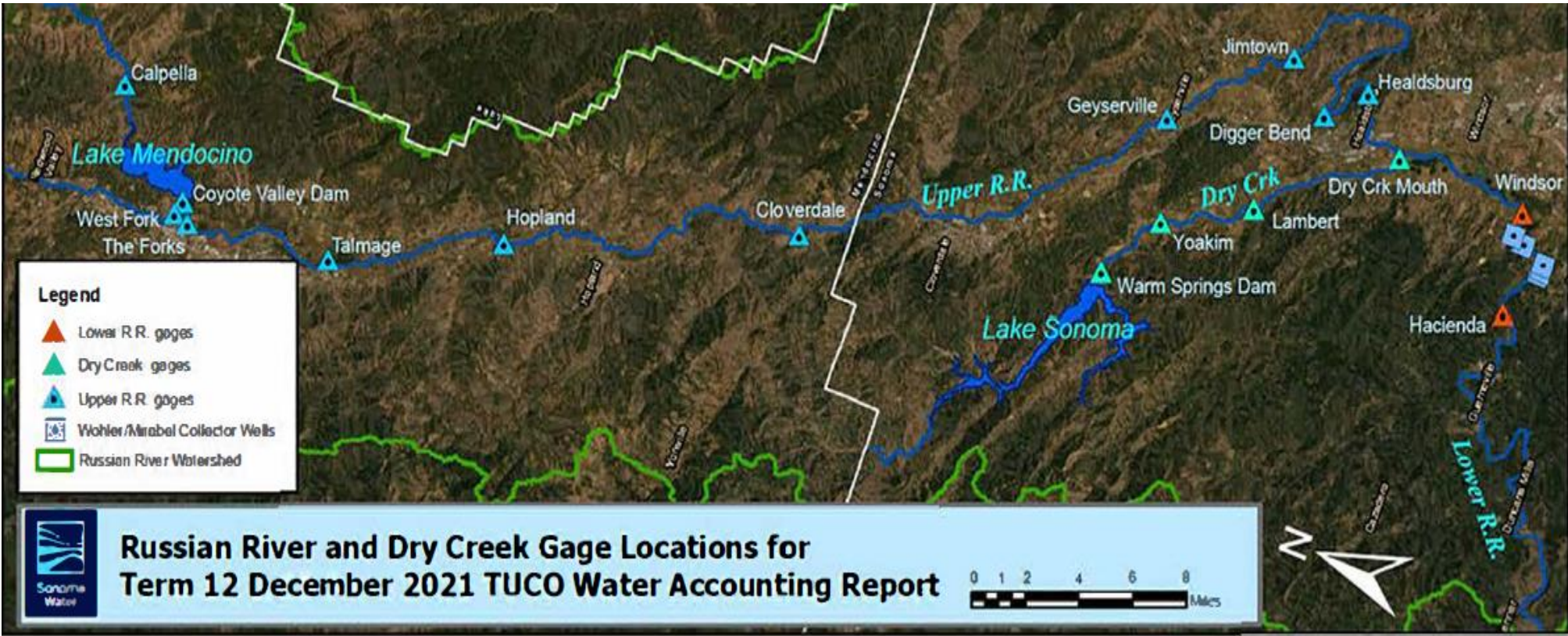
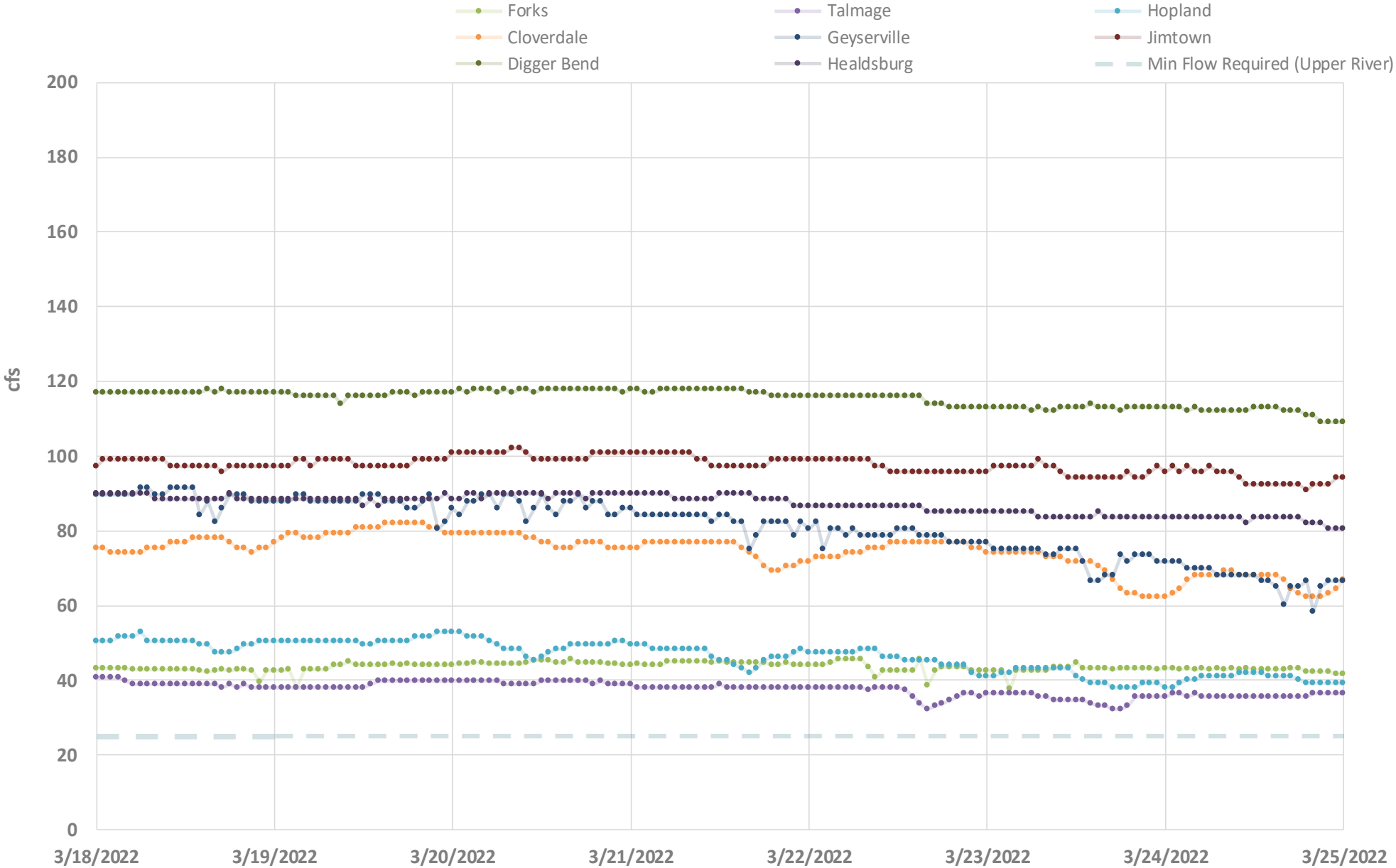
Lake Mendocino and Lake Sonoma Water Accounting Weekly Report (Term 12, Dec 2021 TUCO)

Report Date: 3/25/2022

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



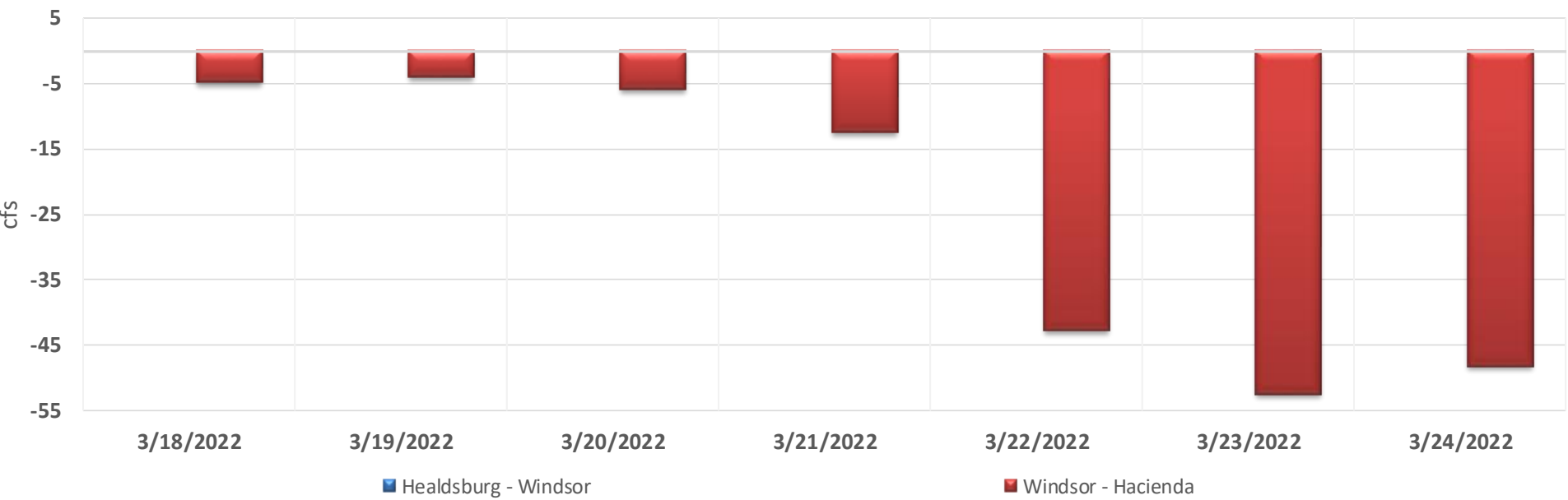
UPPER RUSSIAN RIVER STREAM FLOWS



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

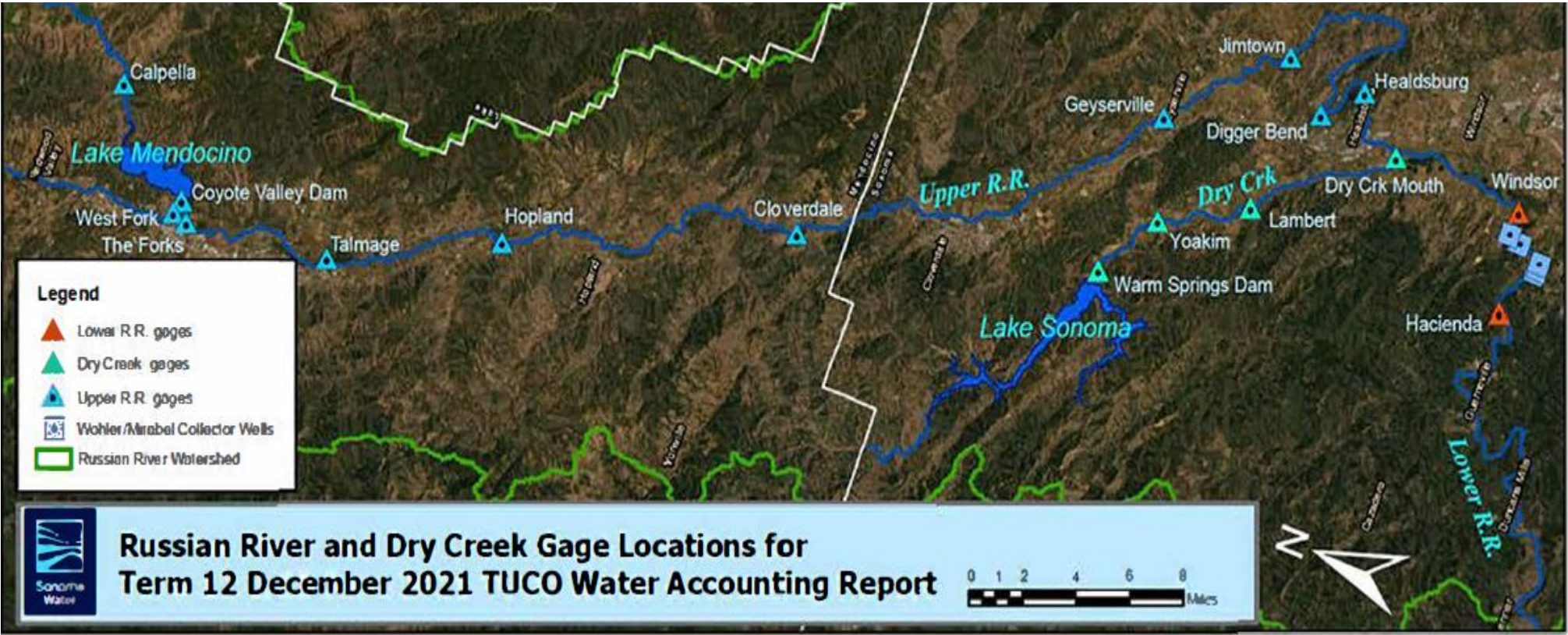
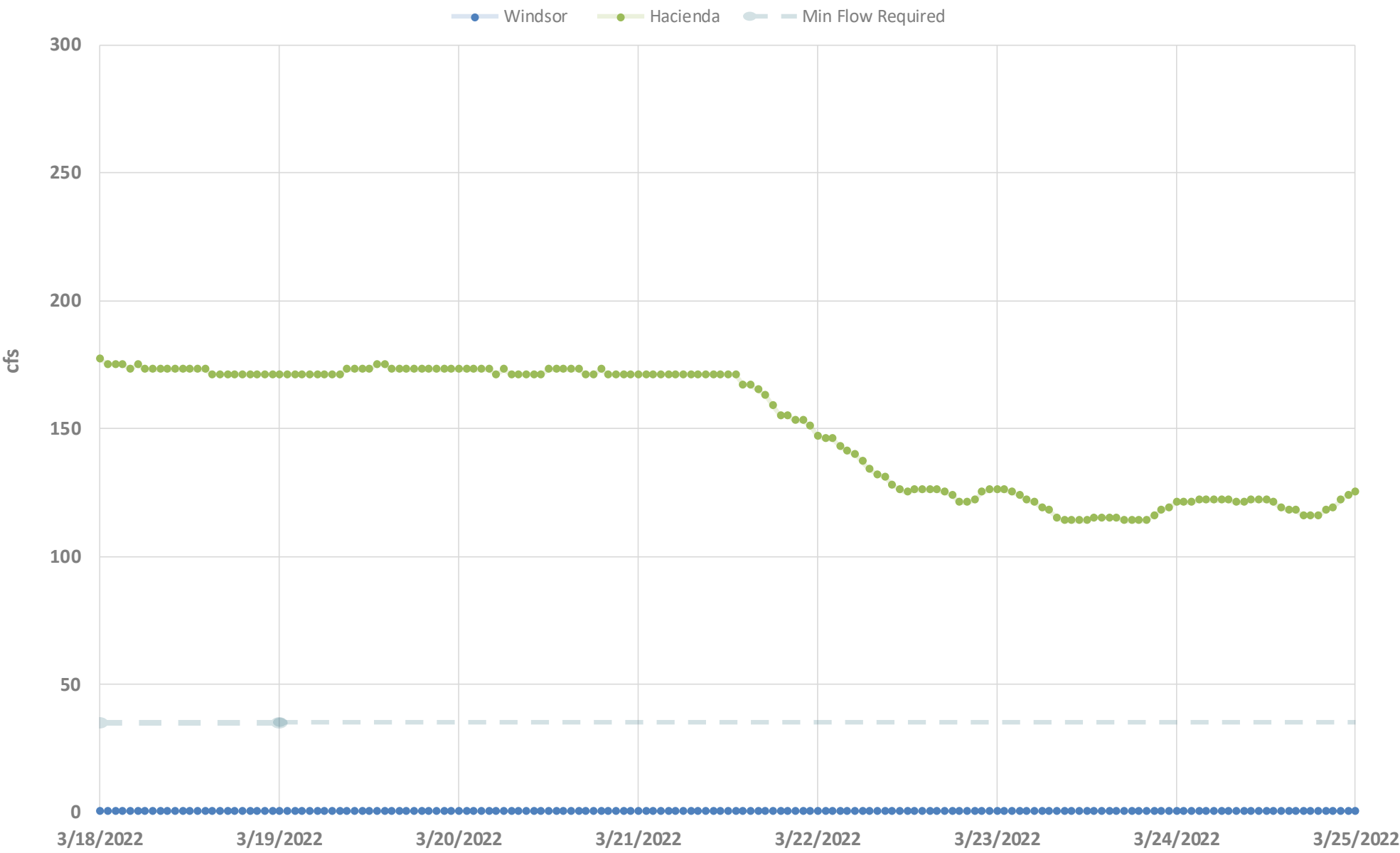
Report Date: 3/25/2022

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
**Multi-day rubber dam inflation process started on 3/21/2022. Flow is temporarily reduced downstream of dam as backwater fills.

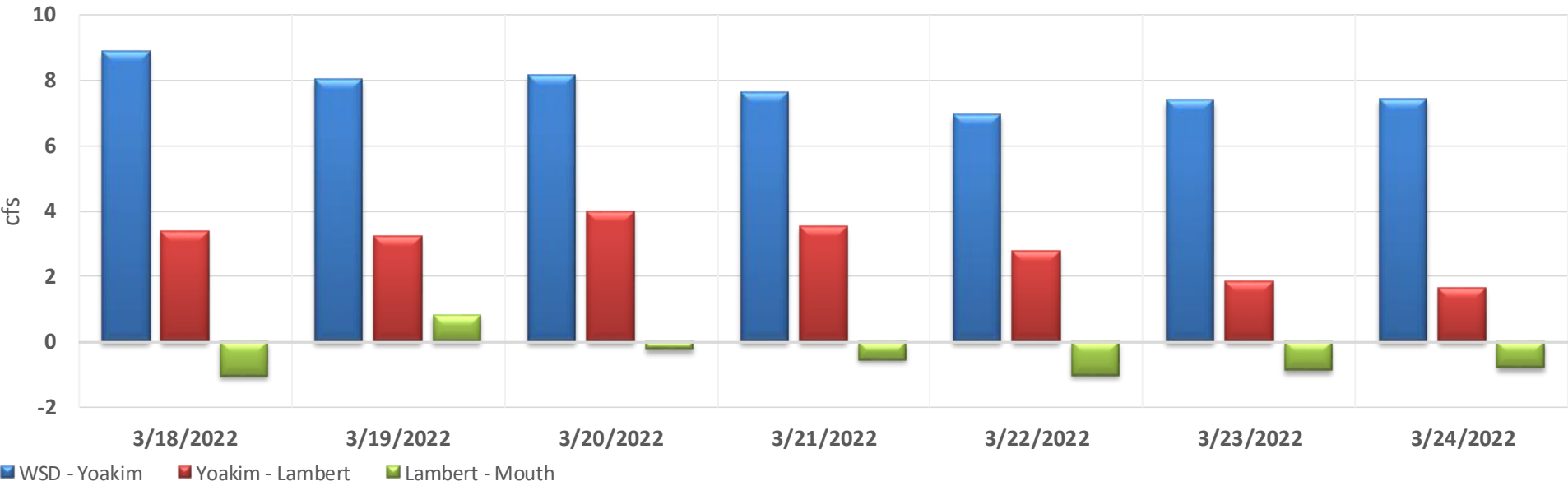
LOWER RUSSIAN RIVER STREAM FLOWS



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

Report Date: 3/25/2022

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



DRY CREEK STREAM FLOWS

