

Units are cfs unless noted otherwise

	3/15/2024	3/16/2024	3/17/2024	3/18/2024	3/19/2024	3/20/2024	3/21/2024
I. Upper East Fork Reach							
Potter Valley Project							
Tunnel Diversion	46.0	46.0	46.0	46.0	46.0	46.0	46.0
PVID Requested Delivery	5.0	5.0	5.0	5.0	5.0	5.0	5.0
PVID Canals Actual Delivery	1.0	1.1	1.1	1.0	1.1	1.1	0.9
East Fork Release	45.0	45.0	45.0	45.0	45.0	45.0	45.0
PVID E Fork Diversions	4.0	3.9	3.9	4.0	3.9	4.0	4.1
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)	41.0	41.1	41.1	41.0	41.1	41.1	40.9
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	262.3	217.8	185.5	163.1	145.3	130.6	119.5
Net Reach Loss(-)/Gain(+)	+216.3	+171.8	+139.5	+117.1	+99.3	+84.6	+73.5
Unimpaired Natural Flow @ Calpella (est.)	175.3	130.7	98.4	76.1	58.2	43.5	32.6
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)	650	578	492	455	407	388	455
(cfs)	328	291	248	229	205	196	229
Natural Flow	287	250	207	188	164	155	188
Import	41	41	41	41	41	41	41
Storage Change (ac-ft)	+581.0	+511.0	+441.0	+388.0	+194.0	+18.0	-71.0
(cfs)	+293	+258	+222	+196	+98	+9	-36
Stored Natural Flow (cfs)	287	250	207	188	98	9	0
Stored Import Water (cfs)	6	7	15	7	0	0	0
Evaporation (ac-ft)	18.8	15.8	0.0	16.8	16.8	13.9	14.9
RVCWD Diversion (ac-ft)	0	0	0	0	0	0	0
CVD Release Gage	26	26	26	25	99	180	258
Storage (Project Water)	0	0	0	0	0	0	28
Natural Flow	0	0	0	0	62	142	188
Import Water	25	26	26	25	37	38	41
East Fork Min Instream Flow Requirement	25	25	25	25	25	25	25
Compliance Gage	Rvr mi.						
CVD Release	99.9	26	26	25	99	180	258
CVD Project Water Release to Meet Min Flow Requirement							
Total Pass-through Water	25	26	26	25	99	180	229
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	309	258	218	190	242	308	389
Controlling Gage	Forks	Forks	Forks	Forks	Forks	Forks	Forks

All Compliance Gages

Forks	(CVD + USGS 11461000)	99.0	309	258	218	190	242	308	389
Talmage	(USGS 11462080)	96.1	671	574	490	399	417	467	487
Hopland	(USGS 11462500)	84.8	914	777	663	590	566	606	612
Cloverdale	(USGS 11463000)	70.9	1,405	1,218	1,055	933	848	856	838
Geyserville	(USGS 11463500)	54.4	2,311	2,023	1,761	1,541	1,372	1,327	1,287
Jimtown	(USGS 11463682)	48.5	1,978	1,808	1,651	1,515	1,409	1,355	1,306
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	2,321	2,039	1,799	1,603	1,448	1,354	1,297

Net Reach Loss(-)/Gain(+)

Forks - Talmage	+356	+310	+268	+207	+189	+164	+113
Talmage - Hopland	+229	+192	+159	+183	+159	+141	+129
Hopland - Cloverdale	+461	+413	+373	+329	+292	+251	+228
Cloverdale - Jimtown	+504	+532	+546	+546	+542	+501	+462
Jimtown - Digger Bend	n/d	n/d	n/d	n/d	n/d	n/d	n/d
Digger Bend - Healdsburg <i>*when Digger Bend > 400 cfs, next u/s gage (Jimtown) used</i>	+295	+190	+110	+56	+14	-10	-22
Upper Russian Net Reach Loss/Gain	+1,845	+1,636	+1,455	+1,321	+1,196	+1,047	+910

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	25	26	26	25	99	180	229
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).

		3/15/2024	3/16/2024	3/17/2024	3/18/2024	3/19/2024	3/20/2024	3/21/2024
IV. Lake Sonoma								
Lake Sonoma								
Storage Change (ac-ft)		+28.0	-112.0	-224.0	-251.0	-307.0	-363.0	-391.0
(cfs)		+14	-56	-113	-127	-155	-183	-197
Evaporation (ac-ft)		18.8	17.2	15.7	15.6	12.5	15.6	15.6
Inflow (Natural Flow)		529	458	404	390	361	323	300
WSD Release Gage		505	506	509	509	509	498	489
Storage (Project Water)		0	48	105	119	148	175	189
Natural Flow		505	458	404	390	361	323	300
V. Lower Dry Creek Reach								
Minimum Instream Flow Requirement		75	75	75	75	75	75	75
Controlling Compliance Gage								
Min Gage Flow		498	489	481	471	470	464	471
Controlling Gage		Yoakim	Yoakim	Yoakim	Yoakim	Yoakim	Yoakim	Lambert
All Compliance Gages		<i>Crk mi.</i>						
WSD Release	<i>14.3</i>	505	506	509	509	509	498	489
Yoakim (USGS 11465200)	<i>11.1</i>	498	489	481	471	470	464	503
Lambert (USGS 11465240)	<i>6.8</i>	538	511	499	488	481	477	471
Dry Crk Mouth (USGS 11465350)	<i>0.1</i>	669	585	613	614	645	652	655
WSD to Russian River Confluence Reach Analysis								
Total Pass-through Water		505	458	404	390	361	323	300
Net Reach Loss(-)/Gain(+)								
WSD - Yoakim		-7	-17	-28	-38	-39	-36	+14
Yoakim - Lambert		+40	+21	+17	+17	+10	+13	-29
Lambert - Dry Crk Mouth		+126	+70	+113	+125	+162	+175	+184
WSD - Dry Crk Mouth		+159	+74	+103	+104	+134	+151	+169
WSD Project Water Release to Meet Min Flow Requirement								
Net Reach Loss/Gain to Controlling Gage		-7	-17	-28	-38	-39	-36	-14
Project Water Release Required		No	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	26	26	25	37	38	69
Natural Flow		1,845	1,636	1,455	1,321	1,259	1,189	1,098
Dry Creek Flow (Mouth Gage)								
L. Sonoma Project Water		0	48	105	119	148	175	189
Natural Flow		669	537	508	495	496	477	469
Russian River d/s of Confluence Flow		2,990	2,624	2,412	2,216	2,093	2,006	1,952
L. Mendocino Project Water + Import Water		26	26	26	25	37	38	69
L. Sonoma Project Water		0	48	105	119	148	175	189
Natural Flow		2,514	2,173	1,963	1,816	1,755	1,666	1,567
VII. Lower Russian River Reach								
Minimum Instream Flow Requirement		125	125	125	125	125	125	125
Controlling Compliance Gage								
Min Gage Flow		4,048	3,519	3,133	2,831	2,603	2,426	2,314
Controlling Gage		Hacienda	Hacienda	Hacienda	Hacienda	Hacienda	Hacienda	Hacienda
All Compliance Gages		<i>Rvr mi.</i>						
Windsor (USGS 11465390)	<i>26.6</i>	<i>n/d</i>	<i>n/d</i>	<i>n/d</i>	<i>n/d</i>	<i>n/d</i>	<i>n/d</i>	<i>n/d</i>
Hacienda (USGS 11467000)	<i>21.8</i>	4,048	3,519	3,133	2,831	2,603	2,426	2,314
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		4,089	3,565	3,175	2,875	2,647	2,466	2,360
Net Reach Loss(-)/Gain(+)		+1,099	+942	+763	+659	+554	+460	+408
L. Mendocino Project Water + Import Water		26	26	26	25	37	38	69
L. Sonoma Project Water		0	46	104	117	147	174	188
Natural Flow		3,613	3,115	2,726	2,475	2,309	2,126	1,975
Confluence to Hacienda (Guerneville) Reach Analysis								
Net Reach Loss(-)/Gain(+)		+1,058	+895	+721	+615	+510	+420	+362
L. Mendocino Project Water + Import Water		26	26	26	25	37	38	69
L. Sonoma Project Water		0	0	61	73	103	134	142
Natural Flow		3,572	3,114	2,726	2,475	2,309	2,126	1,975
VIII. Water Production under Sonoma Water Water Rights (ac-ft)								
Lower Russian River								
Sonoma Water Total		82.0	92.5	83.8	87.6	87.3	79.5	90.7
Wohler		33.5	26.3	32.1	38.6	37.9	30.2	38.2
Mirabel		48.5	66.3	51.7	49.0	49.4	49.2	52.5
Town of Windsor River Wellfield		2.9	2.9	2.7	2.9	2.8	2.8	2.9
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

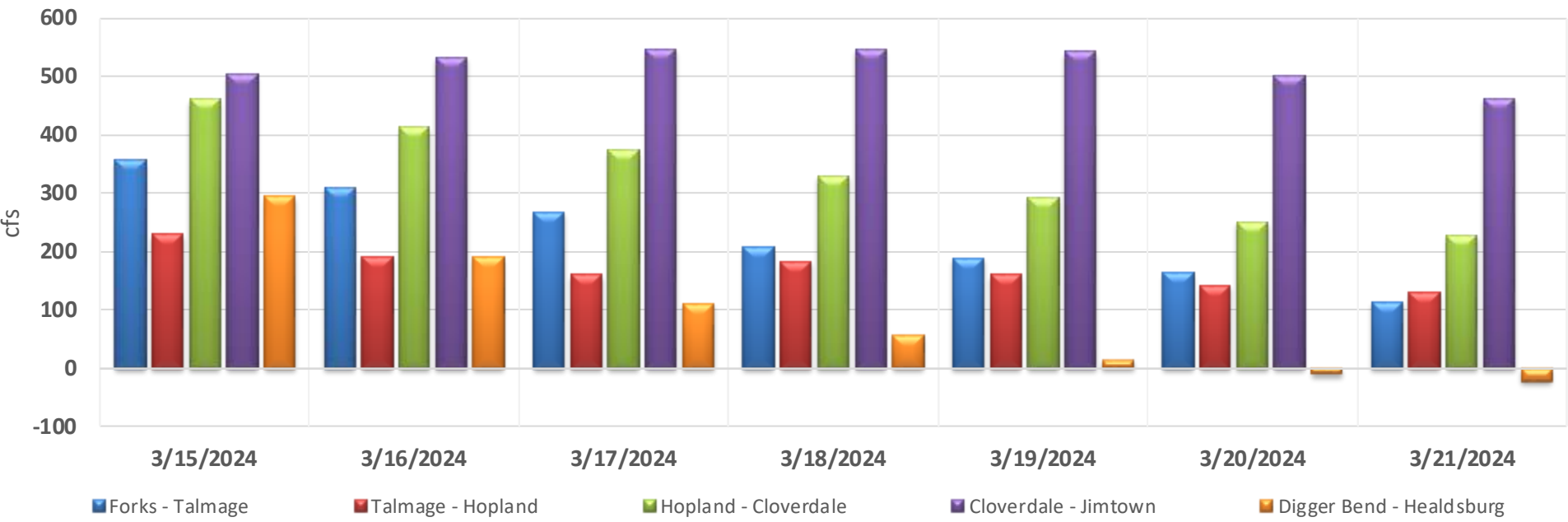
Notes:

- 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).

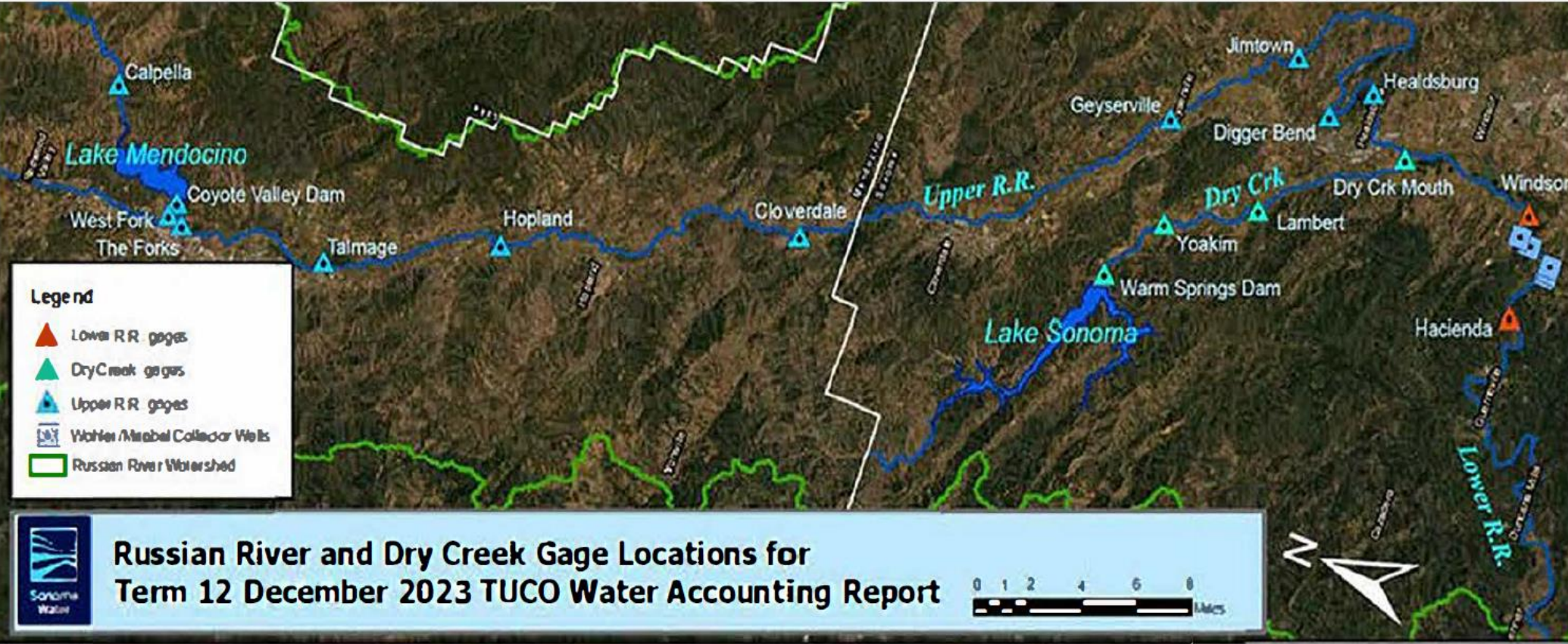
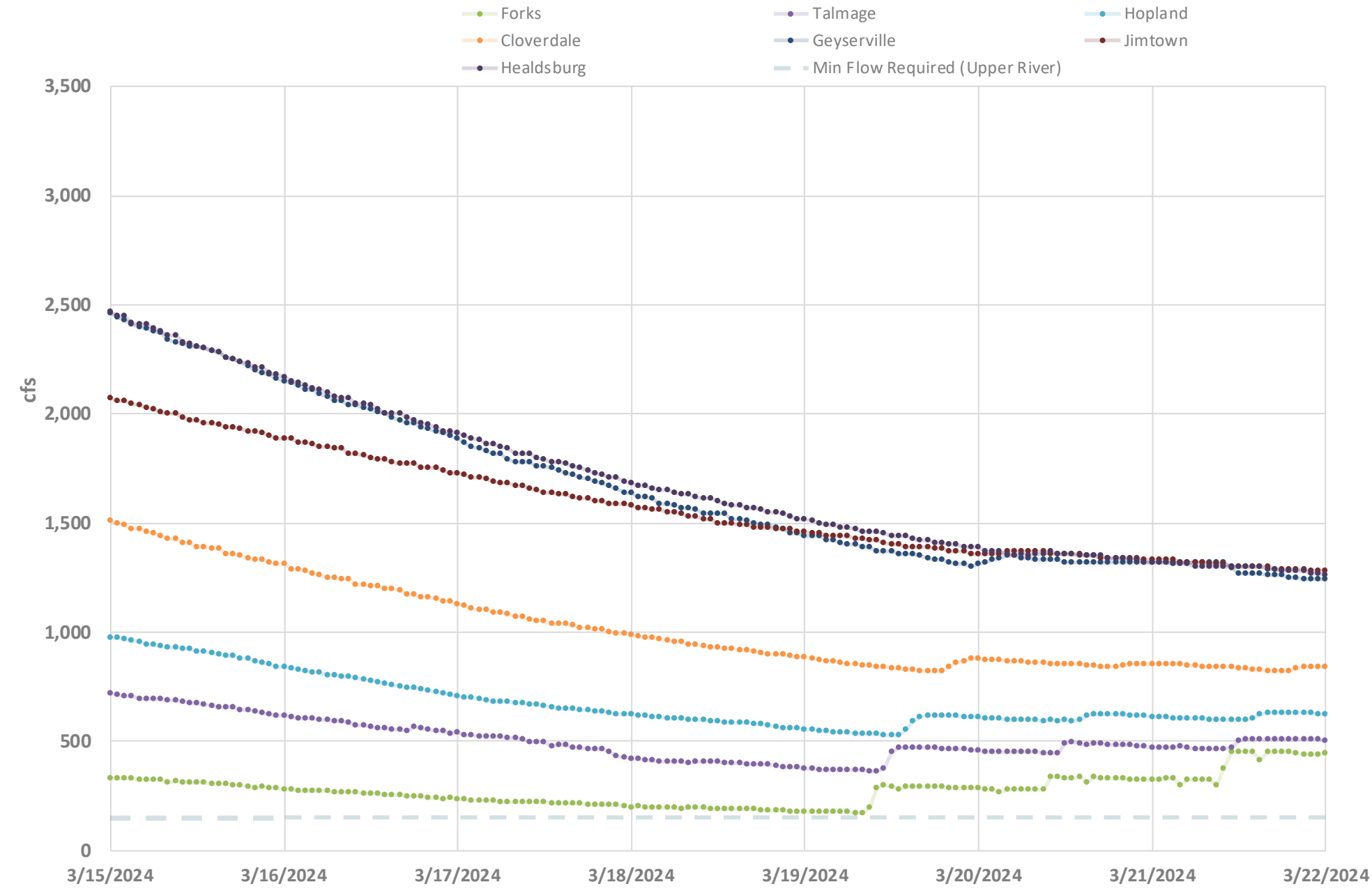
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UPPER RUSSIAN RIVER NET REACH GAINS (+) / LOSSES (-)

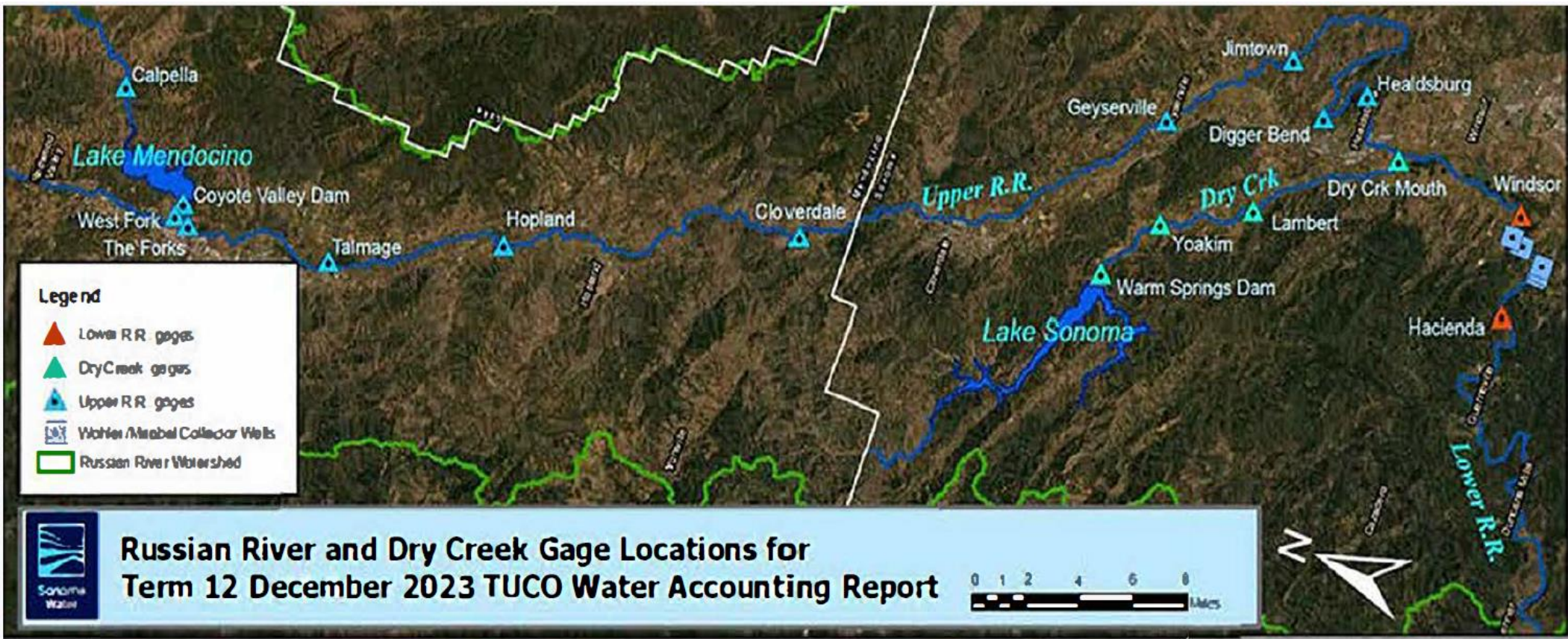
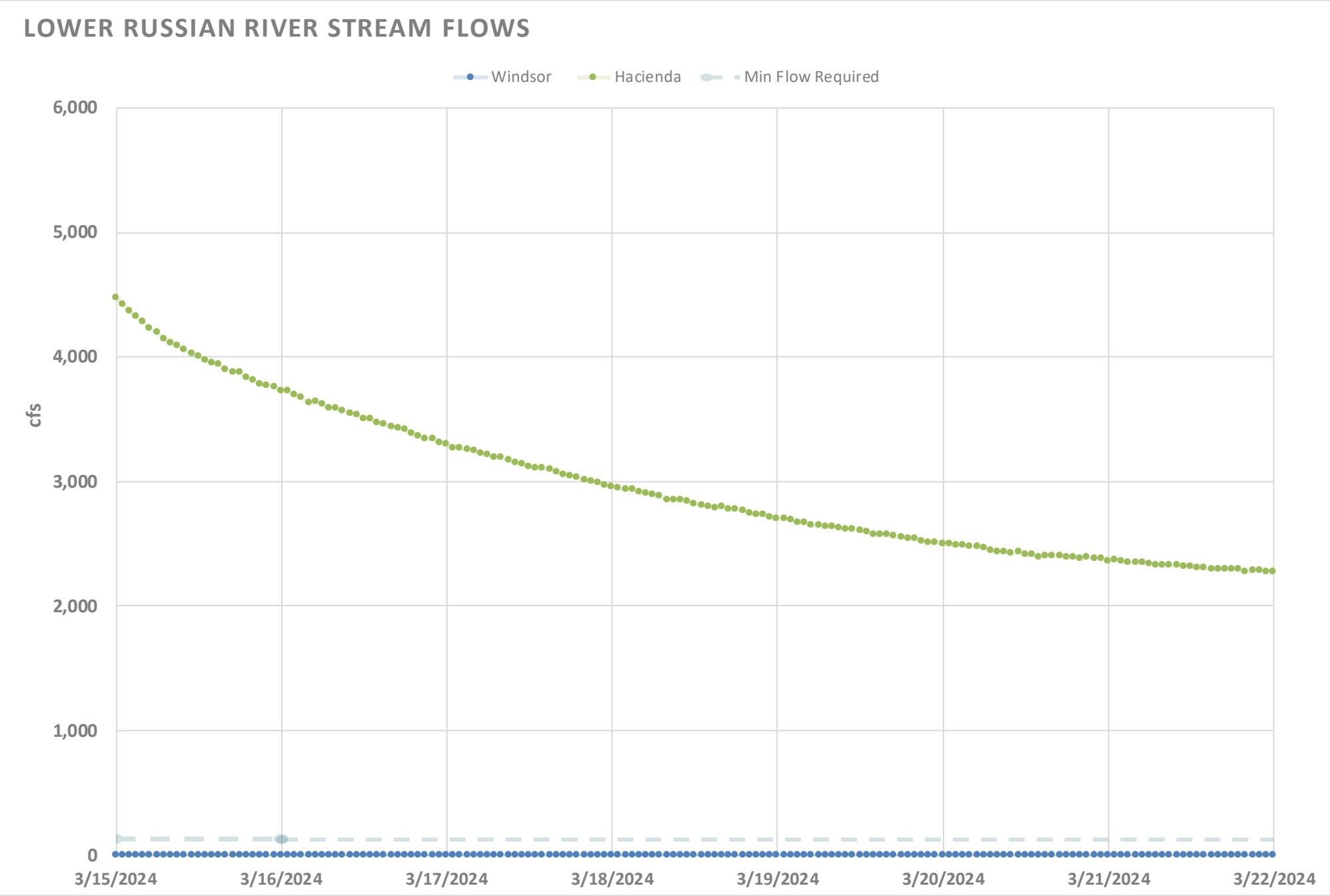
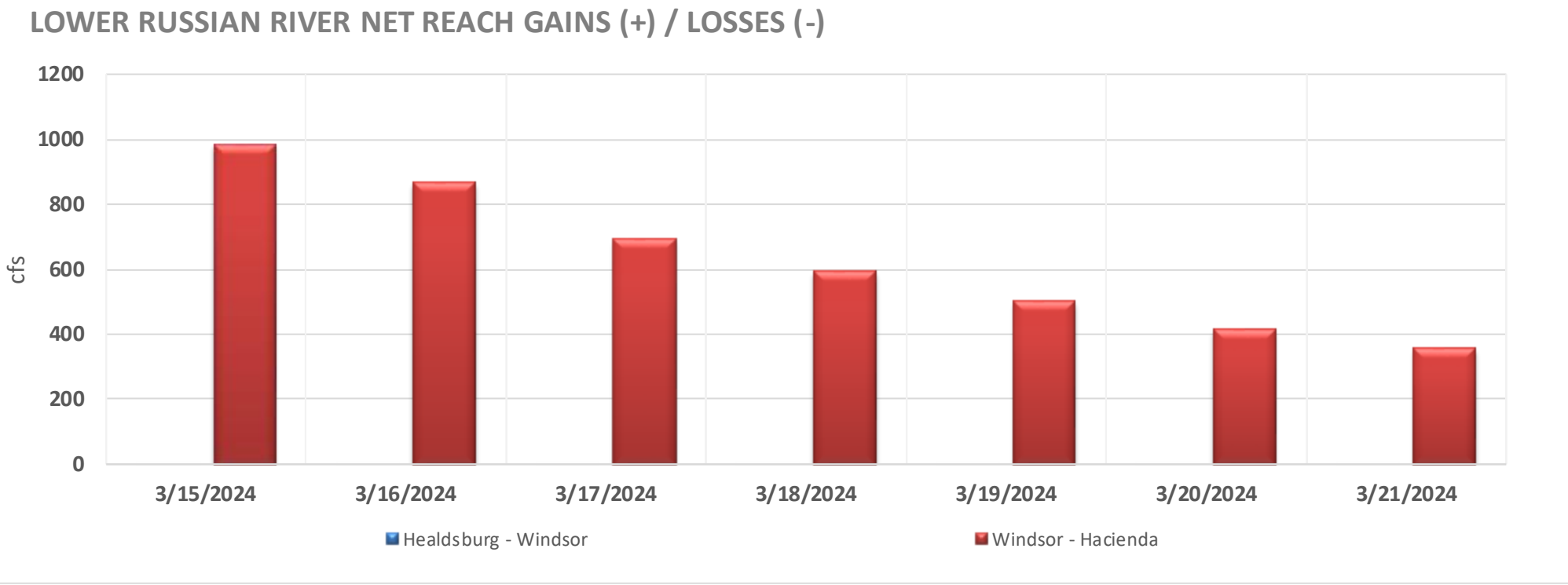


UPPER RUSSIAN RIVER STREAM FLOWS



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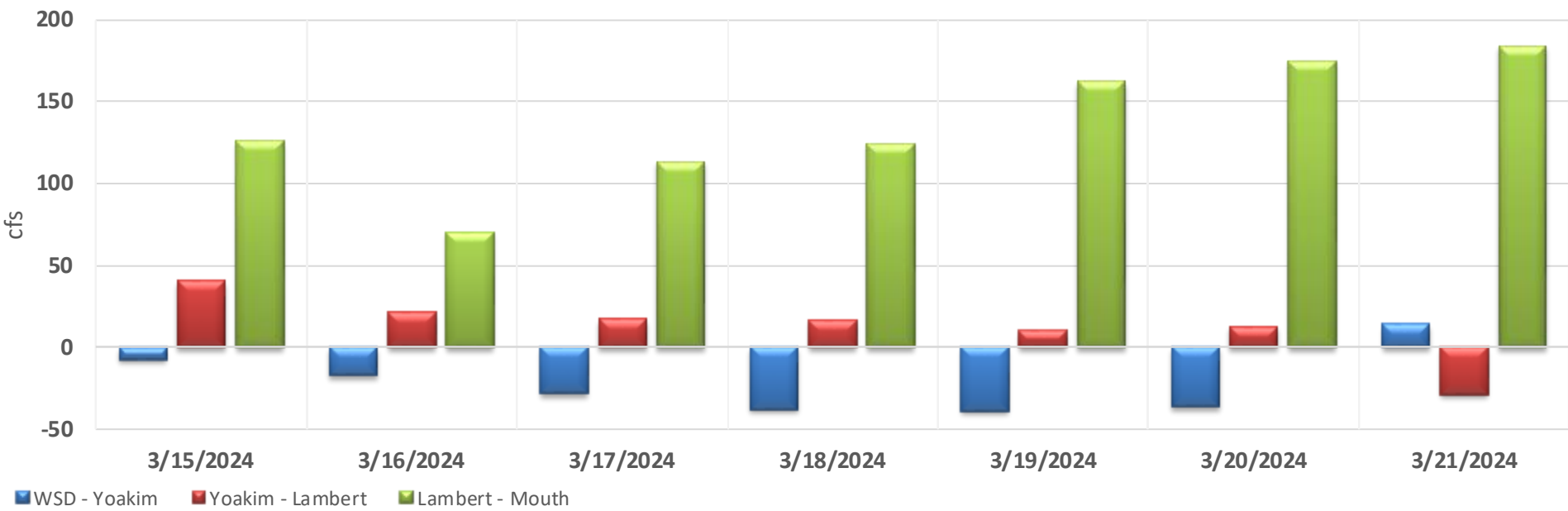
Report Date: 3/22/2024



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Report Date: 3/22/2024

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



DRY CREEK STREAM FLOWS

