

Units are cfs unless noted otherwise

	5/24/2024	5/25/2024	5/26/2024	5/27/2024	5/28/2024	5/29/2024	5/30/2024
I. Upper East Fork Reach							
Potter Valley Project							
Tunnel Diversion	90.0	90.0	90.0	90.0	90.0	94.0	96.0
PVID Requested Delivery	10.0	10.0	10.0	10.0	10.0	13.6	16.0
PVID Canals Actual Delivery	10.5	10.5	10.5	10.5	10.5	13.4	15.5
East Fork Release	80.0	80.0	79.0	79.0	79.0	81.0	81.0
PVID E Fork Diversions	0.0	0.0	0.0	0.0	0.0	0.2	0.5
PVID Water Use - PG&E Contract	10.5	10.5	10.5	10.5	10.5	13.6	16.0
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)	80.0	80.0	79.0	79.0	79.0	80.8	80.5
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	94.6	97.5	94.9	98.0	95.2	92.6	90.2
Net Reach Loss(-)/Gain(+)	+4.6	+7.5	+4.9	+8.0	+5.2	-1.4	-5.8
Unimpaired Natural Flow @ Calpella (est.)	7.9	7.9	7.9	7.9	6.8	6.8	6.4
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0

II. Lake Mendocino

Reservoir Operations							
Calculated Inflow (ac-ft)	163	234	183	202	166	226	176
(cfs)	82	118	92	102	84	114	89
Natural Flow	2	38	12	22	4	33	9
Import	80	80	80	80	80	80	80
Storage Change (ac-ft)	-214.0	-143.0	-196.0	-178.0	-214.0	-161.0	-214.0
(cfs)	-108	-72	-99	-90	-108	-81	-108
Stored Natural Flow (cfs)	0	0	0	0	0	0	0
Stored Import Water (cfs)	0	0	0	0	0	0	0
Evaporation (ac-ft)	25.9	25.9	28.0	29.0	29.0	29.0	31.0
RVCWD Diversion (ac-ft)	0	0	0	0	0	0	0
CVD Release Gage	177	177	177	177	177	180	181
Storage (Project Water)	95	59	85	75	93	67	92
Natural Flow	2	38	12	22	4	33	9
Import Water	80	80	80	80	80	80	80
East Fork Min Instream Flow Requirement	25	25	25	25	25	25	25
Compliance Gage	Rvr mi.						
CVD Release	99.9	177	177	177	177	180	181
CVD Project Water Release to Meet Min Flow Requirement							
Total Pass-through Water	82	118	92	102	84	114	89
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	192	191	190	189	188	190	190
Controlling Gage	Forks	Forks	Forks	Forks	Forks	Forks	Forks
All Compliance Gages	Rvr mi.						
Forks	(CVD + USGS 11461000) 99.0	192	191	190	189	188	190
Talmage	(USGS 11462080) 96.1	212	211	210	208	206	202
Hopland	(USGS 11462500) 84.8	256	257	257	256	252	245
Cloverdale	(USGS 11463000) 70.9	306	308	308	304	300	286
Geyserville	(USGS 11463500) 54.4	325	322	322	317	312	296
Jimtown	(USGS 11463682) 48.5	369	369	367	359	358	339
Digger Bend	(USGS 11463980) 38.2	369	367	368	365	359	343
Healdsburg	(USGS 11464000) 35.6	377	376	375	372	367	349
Net Reach Loss(-)/Gain(+)							
Forks - Talmage		+20	+20	+19	+18	+18	+14
Talmage - Hopland		+45	+46	+47	+47	+46	+44
Hopland - Cloverdale		+50	+51	+50	+48	+47	+40
Cloverdale - Jimtown		+60	+65	+58	+52	+56	+47
Jimtown - Digger Bend		+1	-2	-1	+6	+0	-3
Digger Bend - Healdsburg <i>*when Digger Bend > 400 cfs, next u/s gage (Jimtown) used</i>		+9	+9	+8	+6	+6	+8
Upper Russian Net Reach Loss/Gain		+184	+188	+181	+178	+173	+161
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		82	118	92	102	84	114
Project Water Release Required		Yes	Yes	Yes	Yes	Yes	Yes

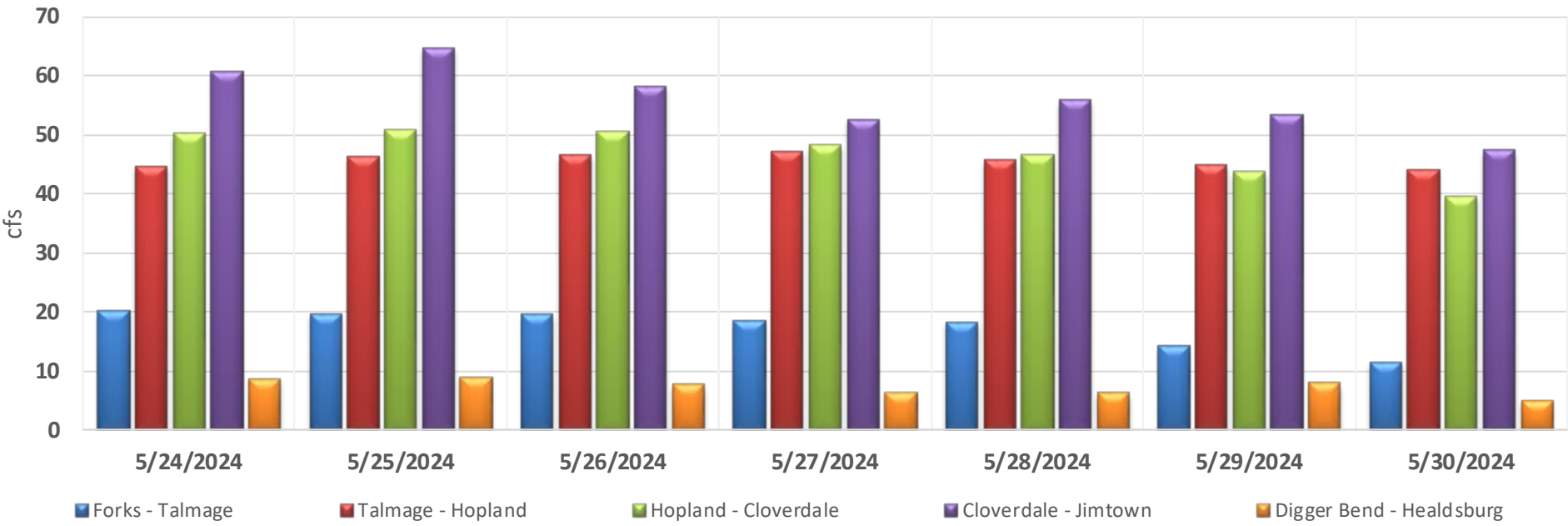
Notes:
- Water Accounting for the Upper Russian River is an analysis that approximates the current conditions based on methodology in Term 11 (2/11/21 Order) report and modified by Term 12 (6/14/21 Order) report. Values listed include estimated values where measurements are not currently available (red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

	5/24/2024	5/25/2024	5/26/2024	5/27/2024	5/28/2024	5/29/2024	5/30/2024
IV. Lake Sonoma							
Lake Sonoma							
Storage Change (ac-ft)	-193.0	-138.0	-193.0	-165.0	-137.0	-220.0	-165.0
(cfs)	-97	-70	-97	-83	-69	-111	-83
Evaporation (ac-ft)	39.9	35.1	38.3	38.3	41.5	46.2	47.8
Inflow (Natural Flow)	20	45	19	33	50	10	37
WSD Release Gage	97	97	97	97	98	98	96
Storage (Project Water)	77	52	78	64	48	88	59
Natural Flow	20	45	19	33	50	10	37
V. Lower Dry Creek Reach							
Minimum Instream Flow Requirement	80	80	80	80	80	80	80
Controlling Compliance Gage							
Min Gage Flow	97	97	97	97	98	98	96
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	97	97	97	98	98	96
Yoakim (USGS 11465200)	11.1	112	113	113	112	112	110
Lambert (USGS 11465240)	6.8	122	122	122	121	120	118
Dry Crk Mouth (USGS 11465350)	0.1	157	157	157	157	157	157
WSD to Russian River Confluence Reach Analysis							
Total Pass-through Water	20	45	19	33	50	10	37
Net Reach Loss(-)/Gain(+)							
WSD - Yoakim	+11	+12	+12	+11	+11	+11	+9
Yoakim - Lambert	+10	+9	+9	+9	+9	+8	+8
Lambert - Dry Crk Mouth	+35	+35	+35	+35	+36	+37	+38
WSD - Dry Crk Mouth	+56	+56	+56	+56	+56	+56	+55
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	175	139	165	155	173	147	172
Natural Flow	187	226	193	200	176	194	158
Dry Creek Flow (Mouth Gage)							
L. Sonoma Project Water	77	52	78	64	48	88	59
Natural Flow	80	105	79	93	109	69	98
Russian River d/s of Confluence Flow							
L. Mendocino Project Water + Import Water	175	139	165	155	173	147	172
L. Sonoma Project Water	77	52	78	64	48	88	59
Natural Flow	266	331	272	293	285	264	256
VII. Lower Russian River Reach							
Minimum Instream Flow Requirement	125	125	125	125	125	125	125
Controlling Compliance Gage							
Min Gage Flow	496	494	494	488	478	466	451
Controlling Gage	Hacienda	Hacienda	Hacienda	Windsor	Hacienda	Hacienda	Hacienda
All Compliance Gages	Rvr mi.						
Windsor (USGS 11465390)	26.6	503	499	495	488	468	456
Hacienda (USGS 11467000)	21.8	496	494	494	478	466	451
Confluence to Windsor Reach Analysis							
Net Reach Loss/Gain to Windsor Gage	-31	-35	-37	-41	-44	-52	-52
L. Mendocino Project Water + Import Water	175	139	165	155	173	147	172
L. Sonoma Project Water	72	47	74	59	44	82	53
Natural Flow	236	297	235	252	241	212	204
Confluence to SCWA Wohler Production Facility Reach Analysis							
Approx. Flow u/s of Wohler	568	558	545	564	543	530	527
Net Reach Loss(-)/Gain(+)	+35	+25	+13	+36	+19	+14	+21
L. Mendocino Project Water + Import Water	175	139	165	155	173	147	172
L. Sonoma Project Water	72	47	74	59	44	82	53
Natural Flow	301	356	285	329	304	278	277
Confluence to Hacienda (Guerneville) Reach Analysis							
Net Reach Loss(-)/Gain(+)	-37	-39	-38	-39	-46	-51	-55
L. Mendocino Project Water + Import Water	175	139	165	155	173	147	172
L. Sonoma Project Water	0	0	23	0	0	18	0
Natural Flow	301	339	285	314	283	278	255
VIII. Water Production under Sonoma Water Water Rights (ac-ft)							
Lower Russian River							
Sonoma Water Total	143.0	127.5	100.9	147.3	128.2	128.0	150.0
Wohler	80.7	56.7	51.9	64.2	67.2	79.4	71.3
Mirabel	62.3	70.9	49.0	83.1	60.9	48.6	78.6
Town of Windsor River Wellfield	9.6	8.9	8.4	9.4	9.0	10.1	11.4
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).							

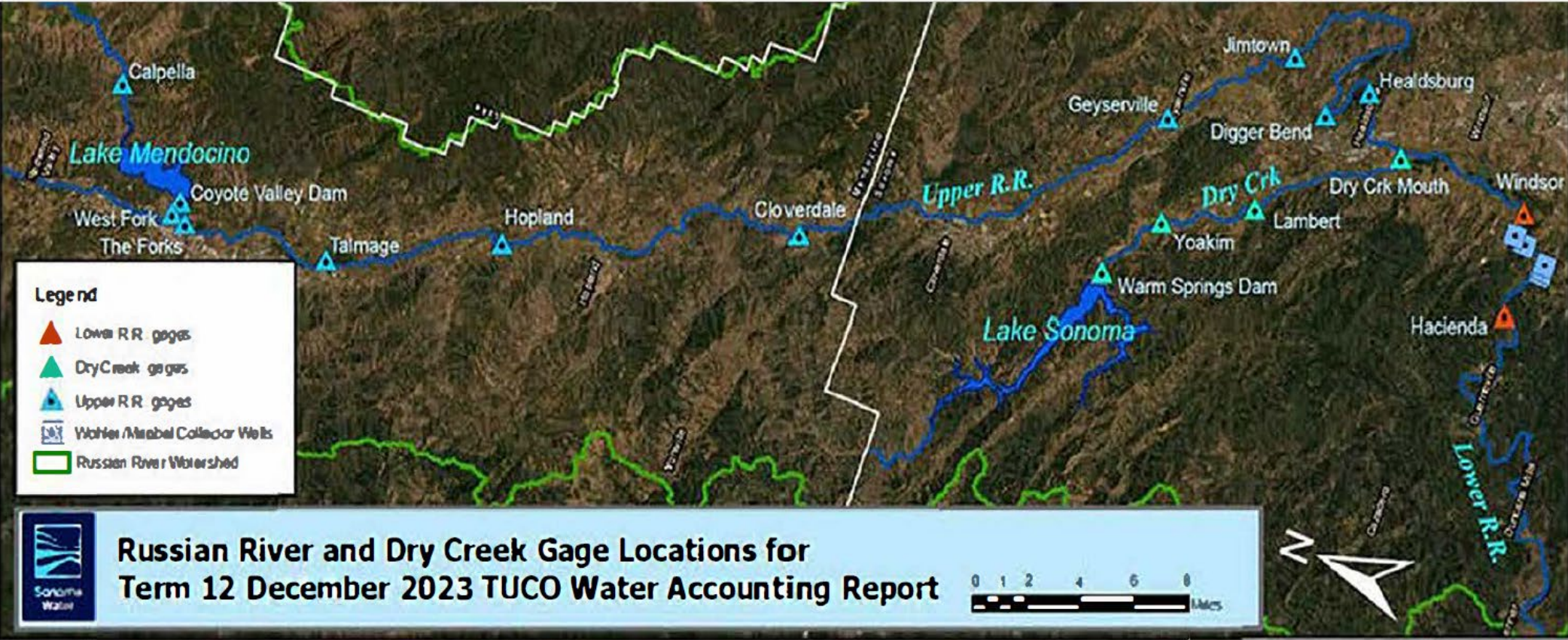
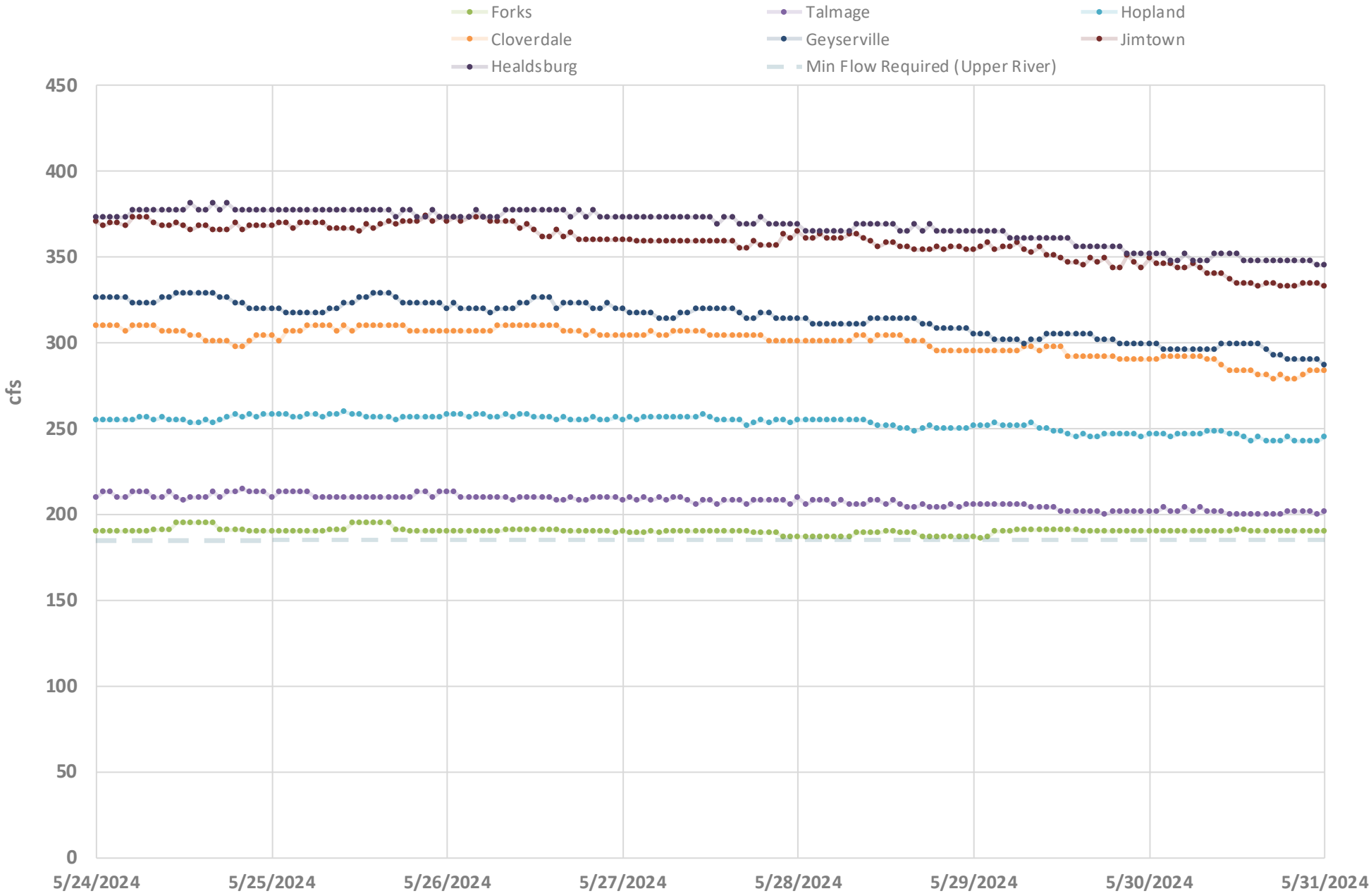
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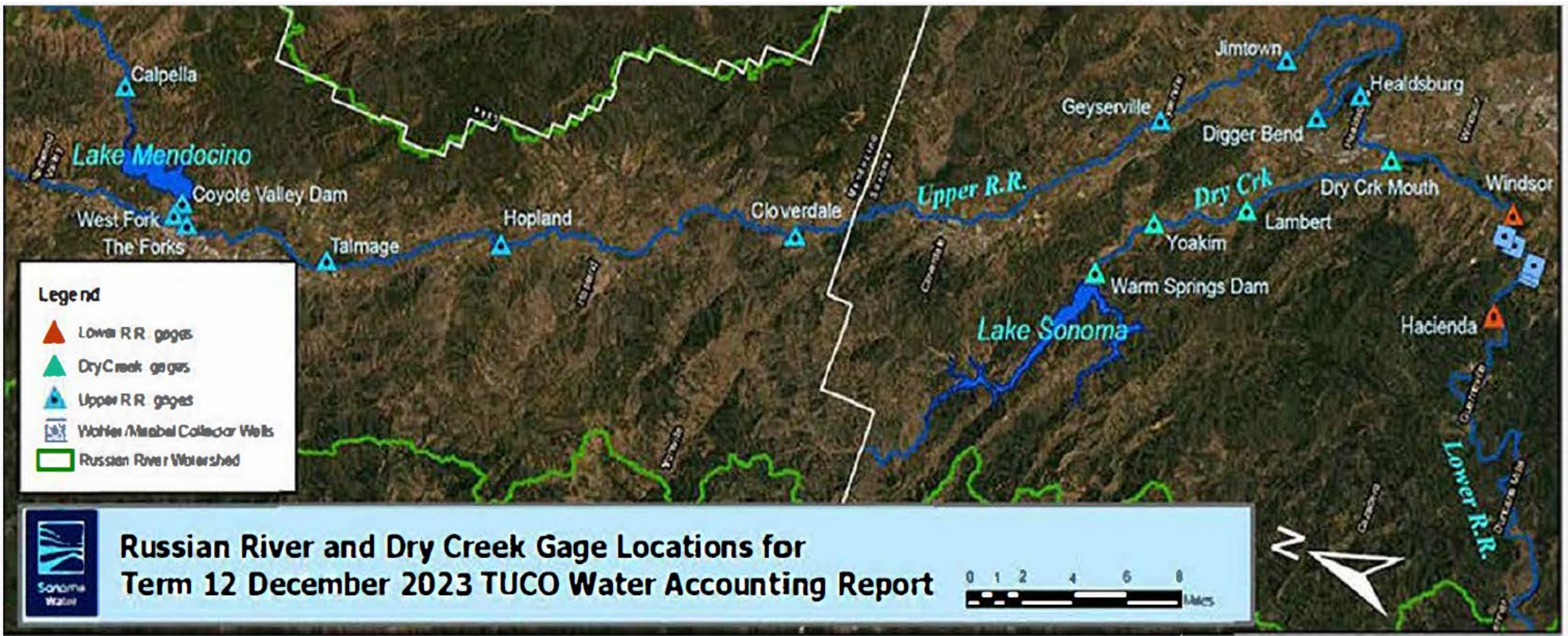
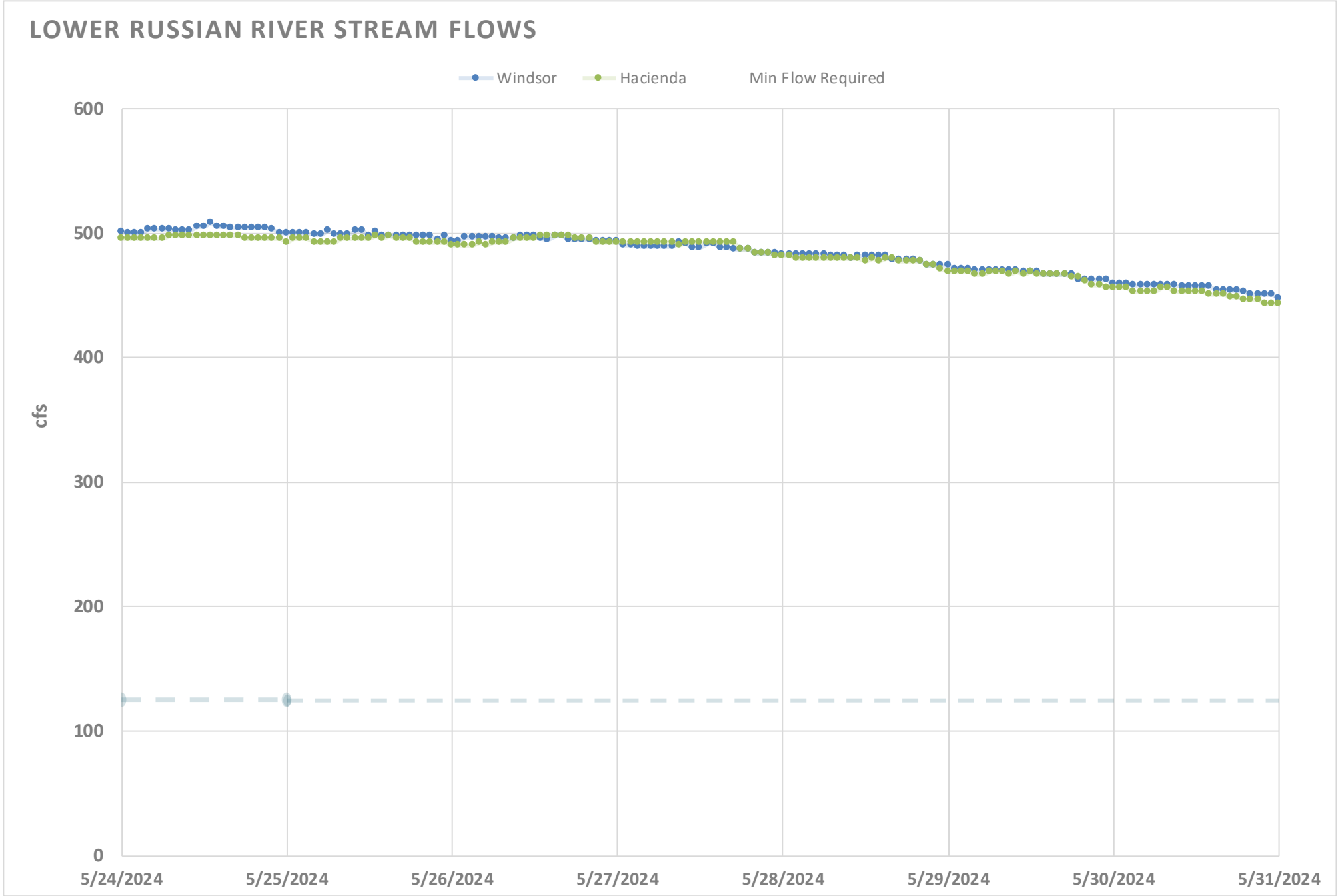
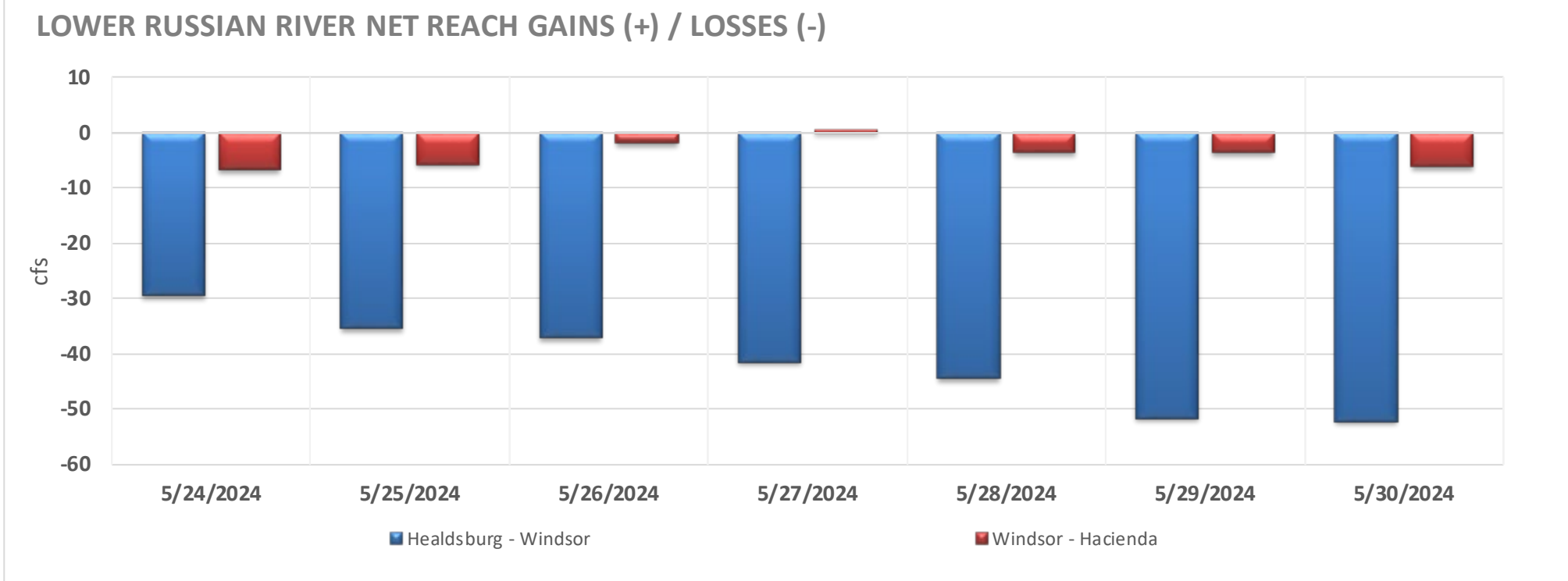
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UPPER RUSSIAN RIVER NET REACH GAINS (+) / LOSSES (-)



UPPER RUSSIAN RIVER STREAM FLOWS

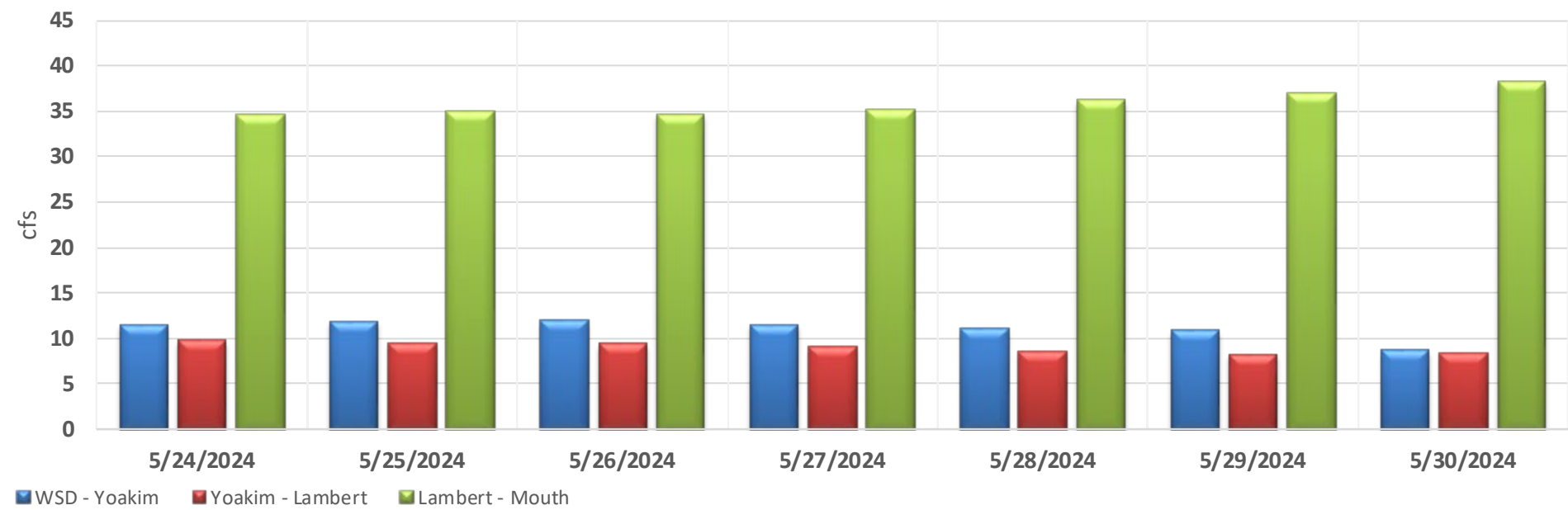




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DRY CREEK NET REACH GAINS (+) / LOSSES (-)



DRY CREEK STREAM FLOWS

