

Units are cfs unless noted otherwise

	10/29/2021	10/30/2021	10/31/2021	11/1/2021	11/2/2021	11/3/2021	11/4/2021
I. Upper East Fork Reach							
Potter Valley Project							
Tunnel Diversion	45.0	45.0	45.0	45.0	45.0	45.0	45.0
PVID Requested Delivery	5.0	5.0	5.0	5.0	5.0	5.0	5.0
PVID Canals Actual Delivery	0.2	0.2	0.2	0.0	0.2	0.2	0.2
East Fork Release	44.0	44.0	44.0	45.0	45.0	45.0	45.0
PVID E Fork Diversions	4.8	4.8	4.8	5.0	4.8	4.8	4.8
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)	39.2	39.2	39.2	40.0	40.2	40.2	40.2
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	49.7	45.8	43.1	43.4	63.4	48.6	53.4
Net Reach Loss(-)/Gain(+)	+4.7	+0.8	-1.9	-1.6	+18.4	+3.6	+8.4
Unimpaired Natural Flow @ Calpella (est.)	9.7	5.8	3.1	3.4	23.4	8.6	13.4
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

Resrvoir Operations							
Calculated Inflow (ac-ft)	145	124	72	150	140	125	133
(cfs)	73	62	36	76	71	63	67
Natural Flow	33	22	3	36	31	23	27
Import	40	40	33	40	40	40	40
Storage Change (ac-ft)	+76.0	+55.0	+4.0	+84.0	+72.0	+60.0	+67.0
(cfs)	+38	+28	+2	+42	+36	+30	+34
Stored Natural Flow (cfs)	19	14	1	21	18	15	17
Stored Import Water (cfs)	19	14	1	21	18	15	17
Evaporation (ac-ft)	5.8	5.3	4.1	2.4	4.9	1.8	3.7
RVCWD Diversion (ac-ft)	0	0	0	0	0	0	0
CVD Release Gage	32	32	32	32	32	32	31
Storage (Project Water)	0	0	0	0	0	0	0
Natural Flow	14	9	2	14	13	8	10
Import Water	21	26	32	19	22	25	23
East Fork Min Instream Flow Requirement	25	25	25	25	25	25	25
Compliance Gage	Rvr mi.						
CVD Release	99.9	32	32	32	32	32	31
CVD Project Water Release to Meet Min Flow Requirement							
Total Pass-through Water		35	35	34	33	34	33
Project Water Release Required		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		153	134	118	104	147	116	114
Controlling Gage		Forks	Forks	Hopland	Hopland	Hopland	Talmage	Talmage
All Compliance Gages		Rvr mi.						
Forks	(CVD + USGS 11461000)	99.0	153	134	121	122	180	172
Talmage	(USGS 11462080)	96.1	174	146	140	134	193	116
Hopland	(USGS 11462500)	84.8	174	140	118	104	147	137
Cloverdale	(USGS 11463000)	70.9	334	274	233	223	268	253
Geyserville	(USGS 11463500)	54.4	595	477	399	347	477	430
Jimtown	(USGS 11463682)	48.5	617	507	432	382	437	418
Digger Bend	(USGS 11463980)	38.2	>400 cfs	>400 cfs	>400 cfs	>400 cfs	>400 cfs	>400 cfs
Healdsburg	(USGS 11464000)	35.6	912	729	603	522	561	549
Net Reach Loss(-)/Gain(+)								
Forks - Talmage		-27	-45	-36	-34	-48	-40	-47
Talmage - Hopland		+33	+44	+29	+21	+26	+26	+27
Hopland - Cloverdale		+144	+124	+108	+116	+143	+103	+109
Cloverdale - Jimtown		+257	+216	+187	+168	+174	+157	+154
Jimtown - Digger Bend		n/d	n/d	n/d	n/d	n/d	n/d	n/d
Digger Bend - Healdsburg * shift to next u/s gage (Jimtown) when >400 cfs @ Digger Bend		+277	+212	+163	+135	+138	+123	+137
Upper Russian Net Reach Loss/Gain		+684	+551	+452	+406	+433	+370	+378
CVD Project Water Release to Meet Min Flow Requirement								
Net Reach Loss(-)/Gain(+) to Controlling Gage		+0	+0	-7	-13	-22	-40	-47
Storage (Project Water)		0	0	0	0	0	0	0
Pass-through Water (Natural + Import)		0	0	-7	-13	-22	-40	-47
Total Pass-through Water		35	35	27	21	13	-7	-14
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).

	10/29/2021	10/30/2021	10/31/2021	11/1/2021	11/2/2021	11/3/2021	11/4/2021
IV. Lake Sonoma							
Lake Sonoma							
Storage Change (ac-ft)	+49.0	+32.0	+0.0	+115.0	+49.0	+0.0	+49.0
(cfs)	+25	+16	+0	+58	+25	+0	+25
Evaporation (ac-ft)	7.6	6.4	5.1	2.6	5.2	5.2	6.5
Inflow (Natural Flow)	78	68	51	121	107	78	103
WSD Release Gage	49	49	49	62	80	76	75
Storage (Project Water)	0	0	0	0	0	0	0
Natural Flow	49	49	49	62	80	76	75

V. Lower Dry Creek Reach

Minimum Instream Flow Requirement		25	25	25	75	75	75	75
Controlling Compliance Gage								
Min Gage Flow		49	49	49	62	80	76	75
Controlling Gage		WSD Release	WSD Release	WSD Release	WSD Release	WSD Release	WSD Release	WSD Release
All Compliance Gages		<i>Crk mi.</i>						
WSD Release	<i>14.3</i>	49	49	49	62	80	76	75
Yoakim (USGS 11465200)	<i>11.1</i>	72	67	64	85	117	102	102
Lambert (USGS 11465240)	<i>6.8</i>	91	82	77	91	129	113	111
Dry Crk Mouth (USGS 11465350)	<i>0.1</i>	144	135	129	140	142	133	133
WSD to Russian River Confluence Reach Analysis								
Total Pass-through Water		49	49	49	62	80	76	75
Net Reach Loss(-)/Gain(+)								
WSD - Yoakim		+23	+19	+16	+25	+38	+26	+27
Yoakim - Lambert		+19	+15	+13	+13	+8	+11	+9
Lambert - Dry Crk Mouth		+50	+52	+52	+63	+11	+18	+21
WSD - Dry Crk Mouth		+93	+86	+80	+100	+57	+55	+58
WSD Project Water Release to Meet Min Flow Requirement								
Net Reach Loss/Gain to Controlling Gage		+23	+19	+16	+25	+38	+26	+27
Project Water Release Required		No	No	No	No	No	No	No

VI. Russian River - Dry Creek Confluence

Upper Russian River Flow (Healdsburg Gage)								
L. Mendocino Project Water + Import Water		21	26	32	19	22	25	23
Natural Flow		698	559	454	421	446	378	388
Dry Creek Flow (Mouth Gage)								
L. Sonoma Project Water		0	0	0	0	0	0	0
Natural Flow		144	135	129	140	142	133	133
Russian River d/s of Confluence Flow		1,056	864	732	662	703	682	655
L. Mendocino Project Water + Import Water		21	26	32	19	22	25	23
L. Sonoma Project Water		0	0	0	0	0	0	0
Natural Flow		842	694	583	561	588	511	521

VII. Lower Russian River Reach

Minimum Instream Flow Requirement		35	35	35	35	35	35	35
Controlling Compliance Gage								
Min Gage Flow		1,125	874	732	692	763	716	679
Controlling Gage		Windsor	Windsor	Windsor	Windsor	Windsor	Windsor	Windsor
All Compliance Gages		<i>Rvr mi.</i>						
Windsor (USGS 11465390)	<i>26.6</i>	1,125	874	732	692	763	716	679
Hacienda (USGS 11467000)	<i>21.8</i>	2,030	1,400	1,080	997	1,110	978	914
Confluence to Windsor Reach Analysis								
Net Reach Loss/Gain to Windsor Gage		+69	+10	-1	+30	+60	+34	+24
L. Mendocino Project Water + Import Water		21	26	32	19	22	25	23
L. Sonoma Project Water		0	0	0	0	0	0	0
Natural Flow		906	699	577	585	643	541	541
Confluence to SCWA Wohler Production Facility Reach Analysis								
Approx. Flow u/s of Wohler		2,087	1,446	1,121	1,038	1,151	1,019	964
Net Reach Loss(-)/Gain(+)		+1,031	+582	+389	+376	+448	+337	+309
L. Mendocino Project Water + Import Water		21	26	32	19	22	25	23
L. Sonoma Project Water		0	0	0	0	0	0	0
Natural Flow		1,867	1,271	966	930	1,031	844	826
Confluence to Hacienda (Guerneville) Reach Analysis								
Net Reach Loss(-)/Gain(+)		+974	+536	+348	+335	+407	+296	+259
L. Mendocino Project Water + Import Water		21	26	32	19	22	25	23
L. Sonoma Project Water		0	0	0	0	0	0	0
Natural Flow		1,811	1,225	925	890	990	803	776

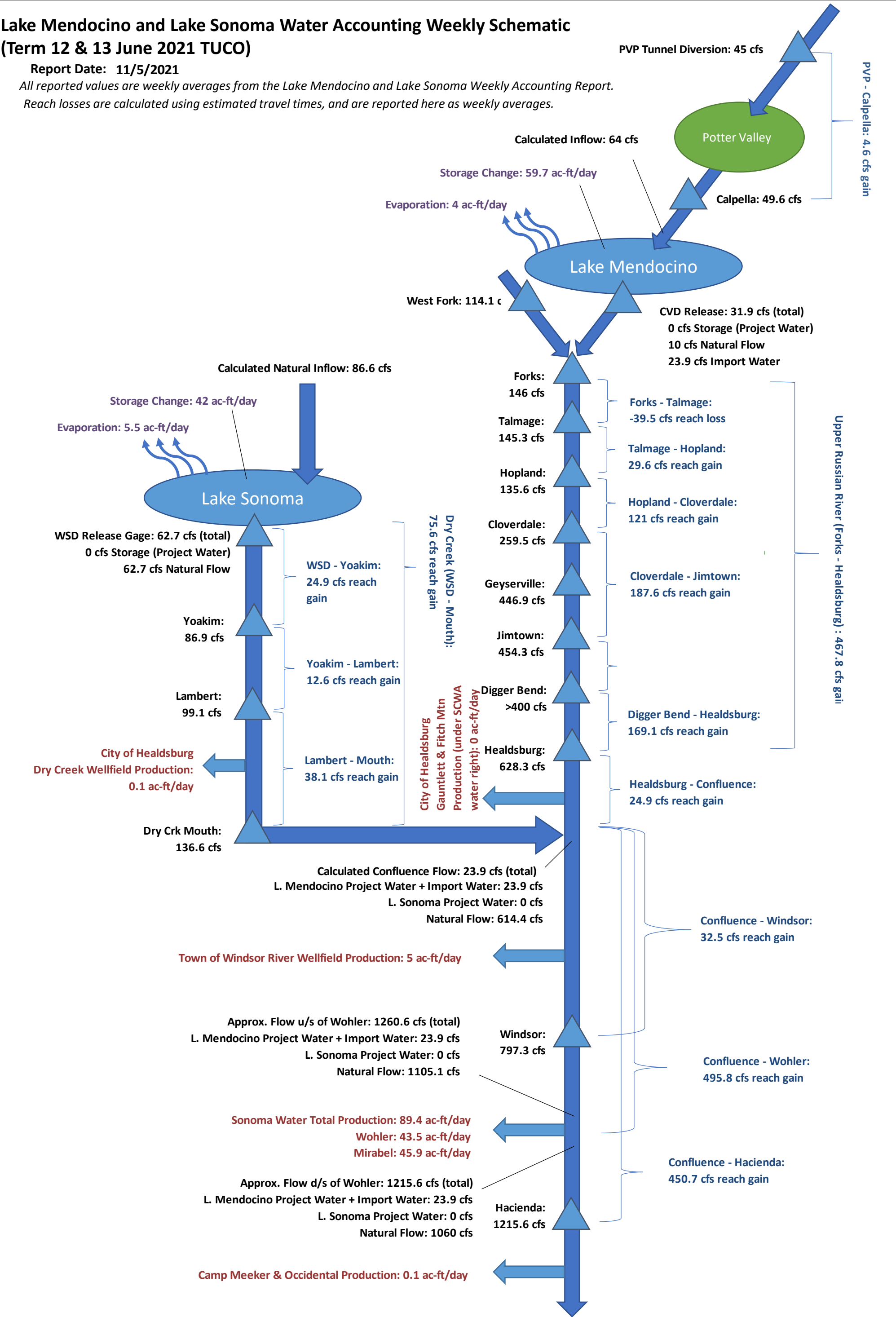
VIII. Water Production under Sonoma Water Water Rights (ac-ft)

Lower Russian River								
Sonoma Water Total		112.3	91.7	80.4	80.6	80.8	80.6	99.3
Wohler		68.1	48.1	36.2	37.3	36.4	36.3	42.3
Mirabel		44.2	43.7	44.1	43.3	44.4	44.3	57.0
Town of Windsor River Wellfield		5.9	5.4	5.4	5.8	4.3	4.3	4.2
Camp Meeker & Occidental		<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>
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		0.8	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
(Term 12 & 13 June 2021 TUCO)

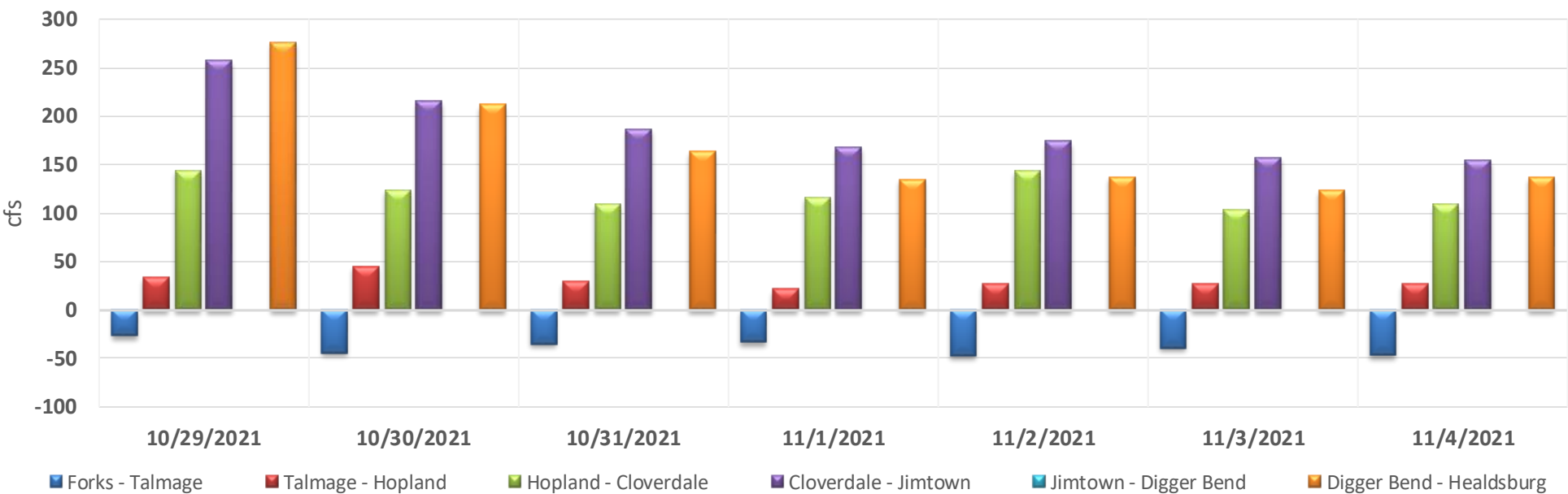
Report Date: 11/5/2021
All reported values are weekly averages from the Lake Mendocino and Lake Sonoma Weekly Accounting Report.
Reach losses are calculated using estimated travel times, and are reported here as weekly averages.



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

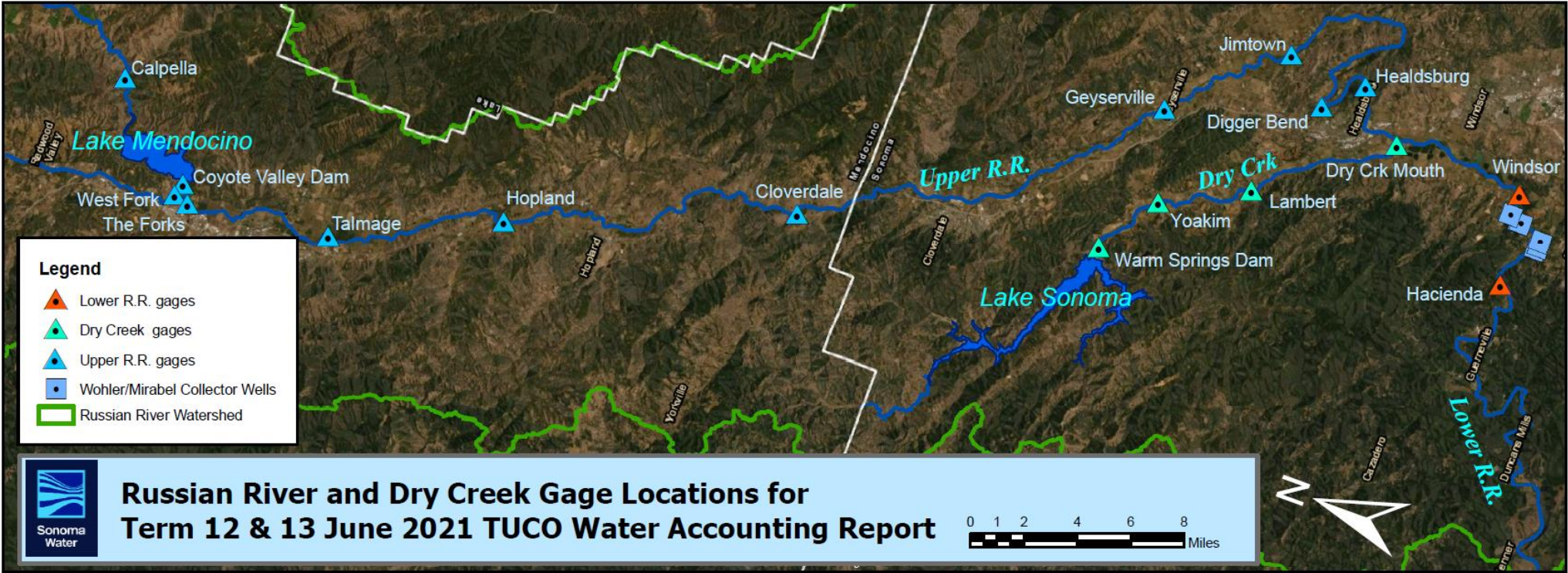
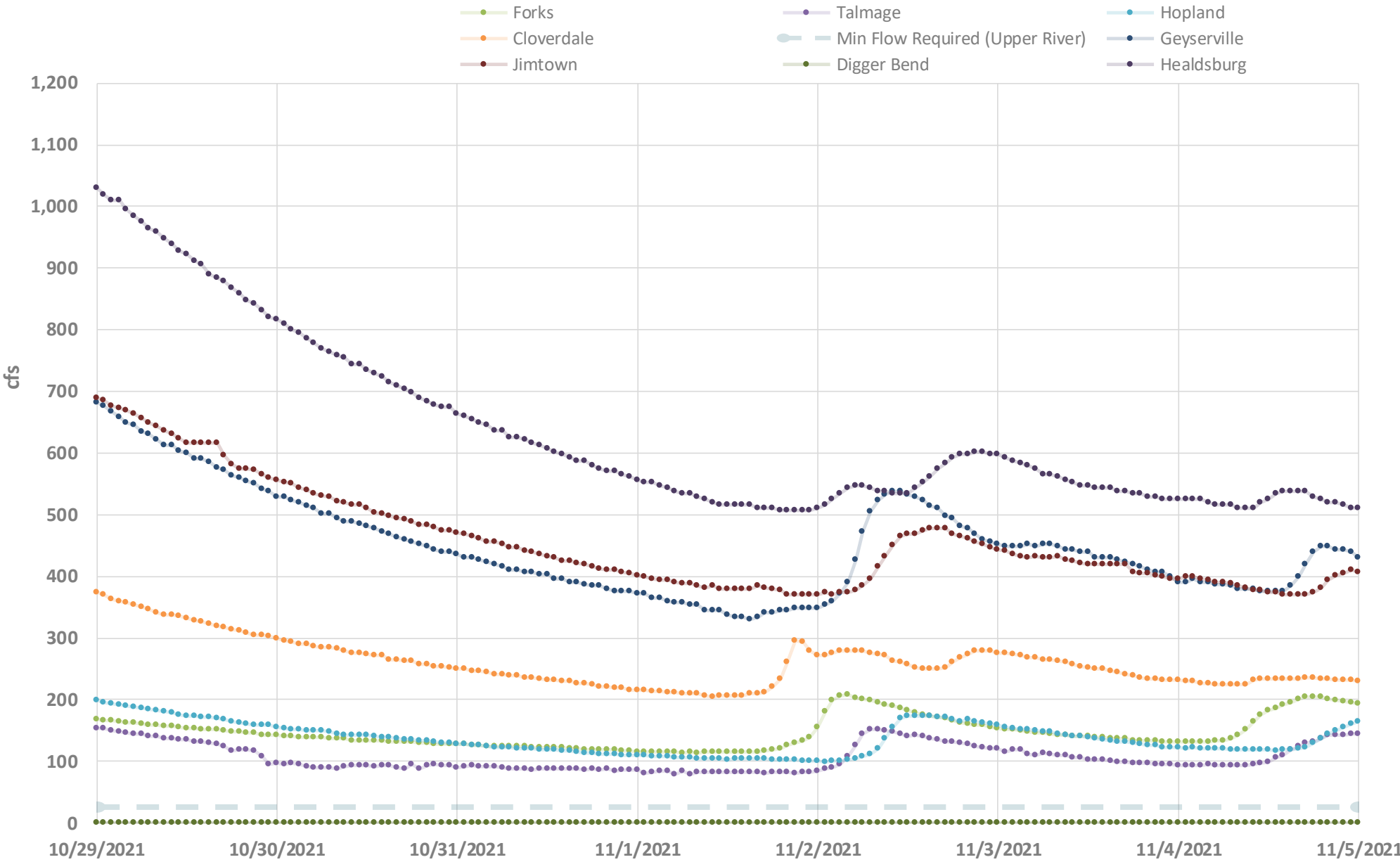
Report Date: 11/5/2021

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



Note: Digger Bend gage flows exceeded maximum rating of 400 cfs. Reach gains for Digger Bend - Healdsburg reach calculated with Jimtown as upstream gage for 10/24 – 28.

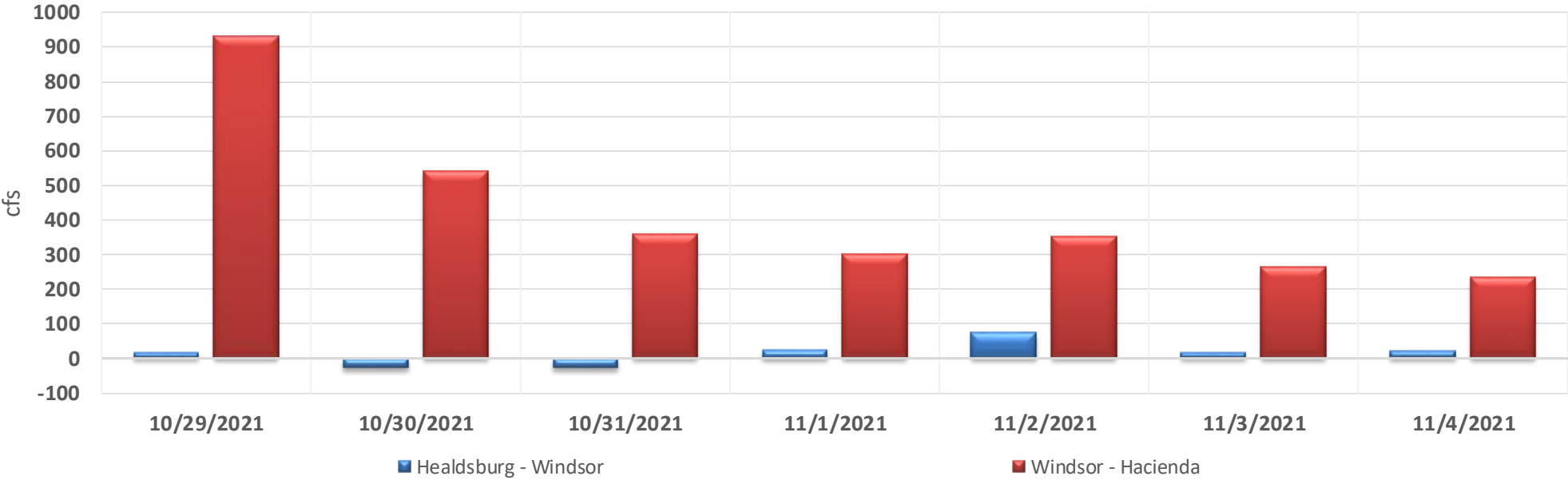
UPPER RUSSIAN RIVER STREAM FLOWS



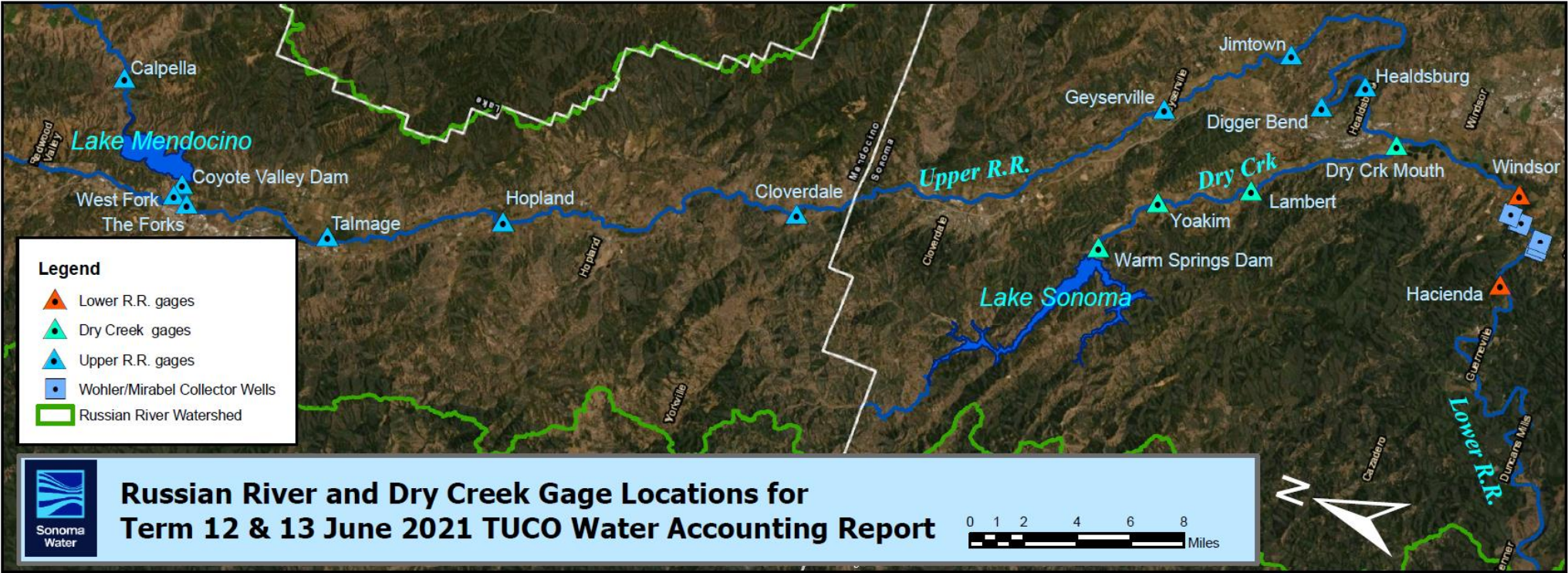
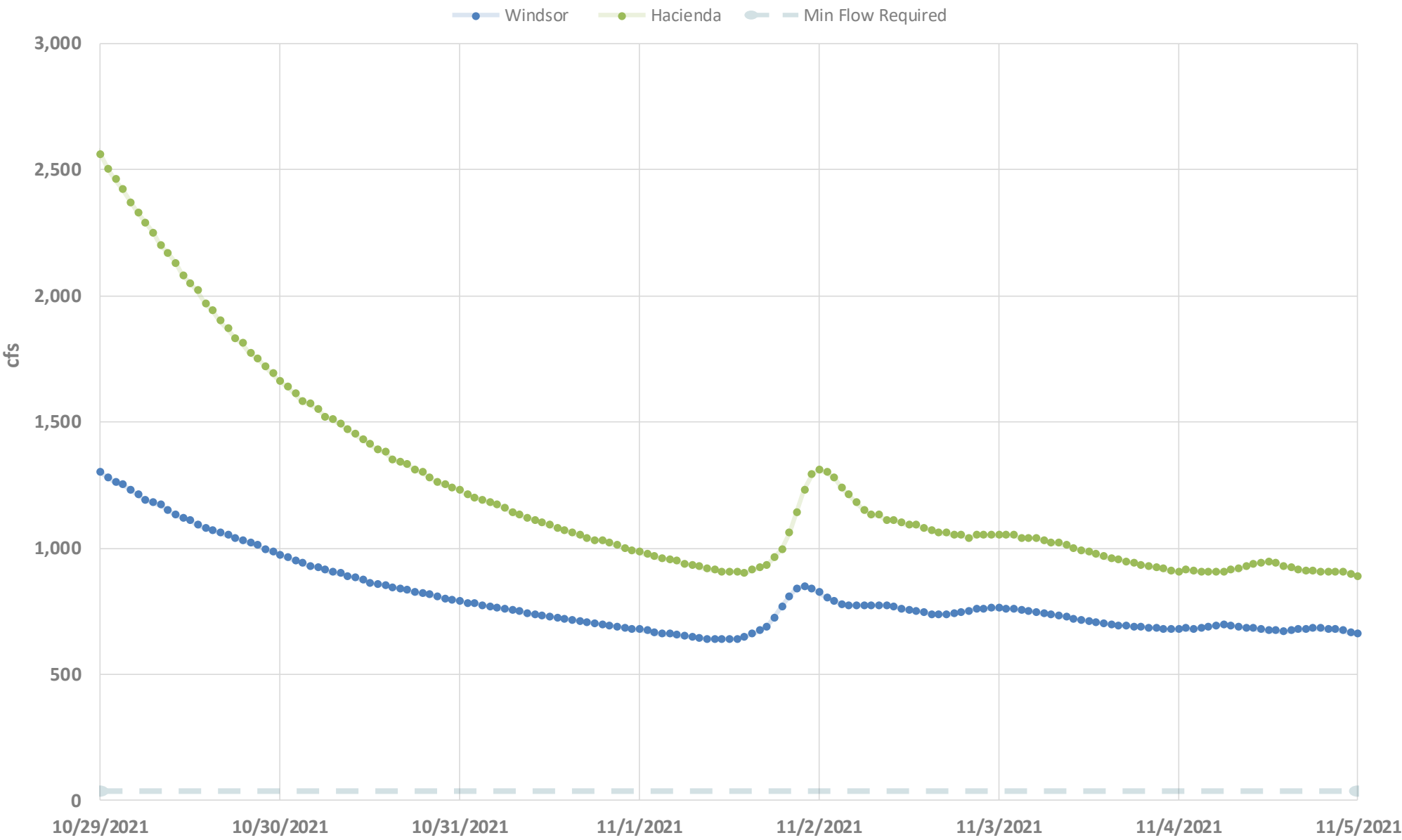
Lake Mendocino and Lake Sonoma Water Accounting Weekly Report (Terms 12 & 13 June 2021 TUCO)

Report Date: 11/5/2021

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



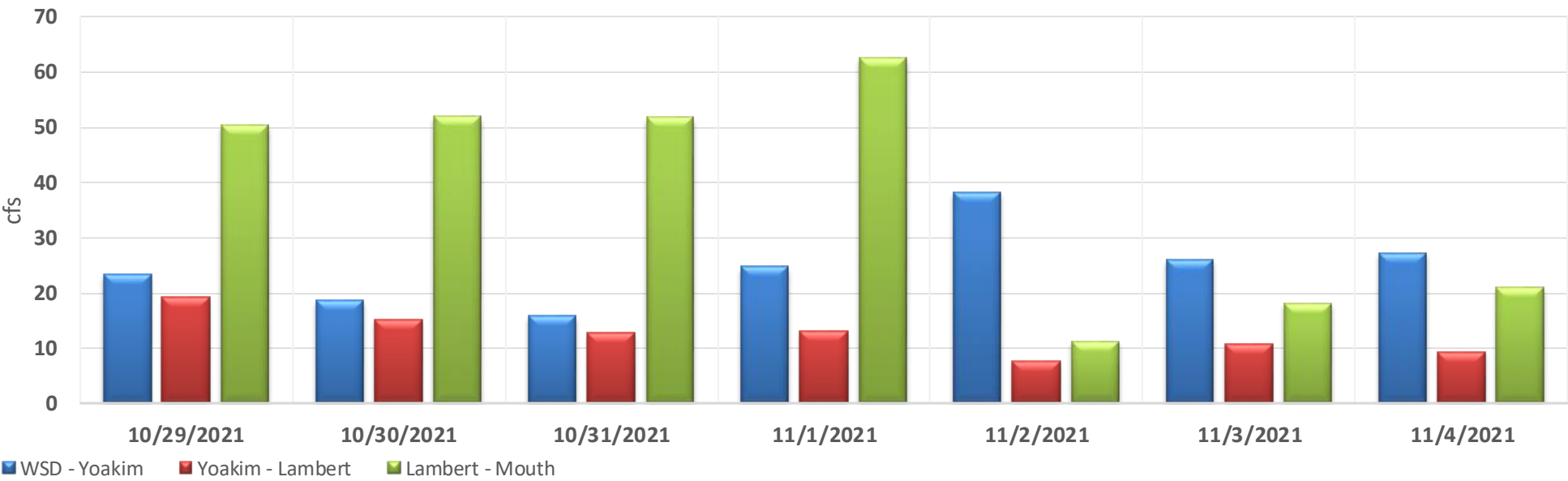
LOWER RUSSIAN RIVER STREAM FLOWS



Lake Mendocino and Lake Sonoma Water Accounting Weekly Report (Terms 12 & 13 June 2021 TUCO)

Report Date: 11/5/2021

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



DRY CREEK STREAM FLOWS

