

Units are cfs unless noted otherwise

	8/12/2022	8/13/2022	8/14/2022	8/15/2022	8/16/2022	8/17/2022	8/18/2022
I. Upper East Fork Reach							
Potter Valley Project							
Tunnel Diversion	56.0	56.0	56.0	56.0	56.0	56.0	55.0
PVID Requested Delivery	50.0	50.0	50.0	50.0	50.0	50.0	50.0
PVID Canals Actual Delivery	24.4	25.0	25.2	24.8	24.1	24.1	24.0
East Fork Release	32.0	31.0	31.0	31.0	32.0	32.0	31.0
PVID E Fork Diversions	25.6	25.0	24.8	25.2	25.9	25.9	26.0
PVID Water Use - PG&E Contract	50.0	50.0	50.0	50.0	50.0	50.0	50.0
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)	6.4	6.0	6.2	5.8	6.1	6.1	5.0
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	19.8	22.8	31.1	22.7	20.1	20.5	21.7
Net Reach Loss(-)/Gain(+)	-36.2	-33.2	-25.0	-33.3	-35.9	-35.5	-33.3
Unimpaired Natural Flow @ Calpella (est.)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Non-PVID East Fork Net Reach Losses (est.)	-13.8	-16.8	-25.1	-16.7	-14.1	-14.5	-16.7
Natural Flow	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Import (neg. value is return flow)	-13.8	-16.8	-25.1	-16.7	-14.1	-14.5	-16.7

II. Lake Mendocino

Reservoir Operations							
Calculated Inflow (ac-ft)	89	8	58	70	74	38	49
(cfs)	45	4	29	35	37	19	25
Natural Flow	25	0	0	12	17	0	3
Import	20	4	29	23	20	19	22
Storage Change (ac-ft)	-100.0	-182.0	-133.0	-118.0	-119.0	-162.0	-162.0
(cfs)	-50	-92	-67	-59	-60	-82	-82
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)	26.4	27.3	28.3	29.3	30.3	29.2	31.2
RVCWD Diversion (ac-ft)	0	0	0	0	0	0	0
CVD Release Gage	82	82	82	80	82	86	91
Storage (Project Water)	37	78	53	45	45	67	66
Natural Flow	25	0	0	12	17	0	3
Import Water	20	4	29	23	20	19	22
East Fork Min Instream Flow Requirement	25	25	25	25	25	25	25
Compliance Gage	Rvr mi.						
CVD Release	99.9	82	82	82	80	82	91
CVD Project Water Release to Meet Min Flow Requirement							
Total Pass-through Water	45	4	29	35	37	19	25
Project Water Release Required	No	Yes	No	No	No	Yes	No

III. Upper Russian River Reach

Minimum Instream Flow Requirement							
	25	25	25	25	25	25	25
Controlling Compliance Gage							
Min Gage Flow	26	26	26	26	26	24	24
Controlling Gage	Healdsburg	Healdsburg	Healdsburg	Healdsburg	Healdsburg	Digger Bend	Digger Bend
All Compliance Gages							
	Rvr mi.						
Forks (CVD + USGS 11461000)	99.0	82	82	82	80	78	91
Talmage (USGS 11462080)	96.1	69	70	70	68	66	82
Hopland (USGS 11462500)	84.8	54	52	56	57	51	63
Cloverdale (USGS 11463000)	70.9	56	53	56	53	51	49
Geyserville (USGS 11463500)	54.4	34	34	33	35	32	28
Jimtown (USGS 11463682)	48.5	32	32	32	33	32	30
Digger Bend (USGS 11463980)	38.2	27	27	27	27	26	24
Healdsburg (USGS 11464000)	35.6	26	26	26	26	26	25
Net Reach Loss(-)/Gain(+)							
Forks - Talmage	-13	-12	-12	-12	-12	-11	-9
Talmage - Hopland	-16	-17	-14	-13	-15	-17	-18
Hopland - Cloverdale	+2	+0	+2	-4	-4	-2	-5
Cloverdale - Jimtown	-21	-25	-22	-22	-24	-20	-20
Jimtown - Digger Bend	-5	-5	-5	-6	-6	-7	-6
Digger Bend - Healdsburg	-2	-1	-1	-1	-1	-0	+1
Upper Russian Net Reach Loss/Gain	-55	-59	-53	-57	-62	-57	-58
CVD Project Water Release to Meet Min Flow Requirement							
Net Reach Loss(-)/Gain(+) to Controlling Gage	-55	-59	-53	-57	-62	-57	-59
Storage (Project Water)	-37	-59	-53	-45	-45	-57	-59
Pass-through Water (Nat. + Imp.) + Natural	-18	0	0	-13	-17	0	0
Total Pass-through Water	27	4	29	22	20	19	25
Project Water Release Required	Yes	Yes	Yes	Yes	Yes	Yes	Yes

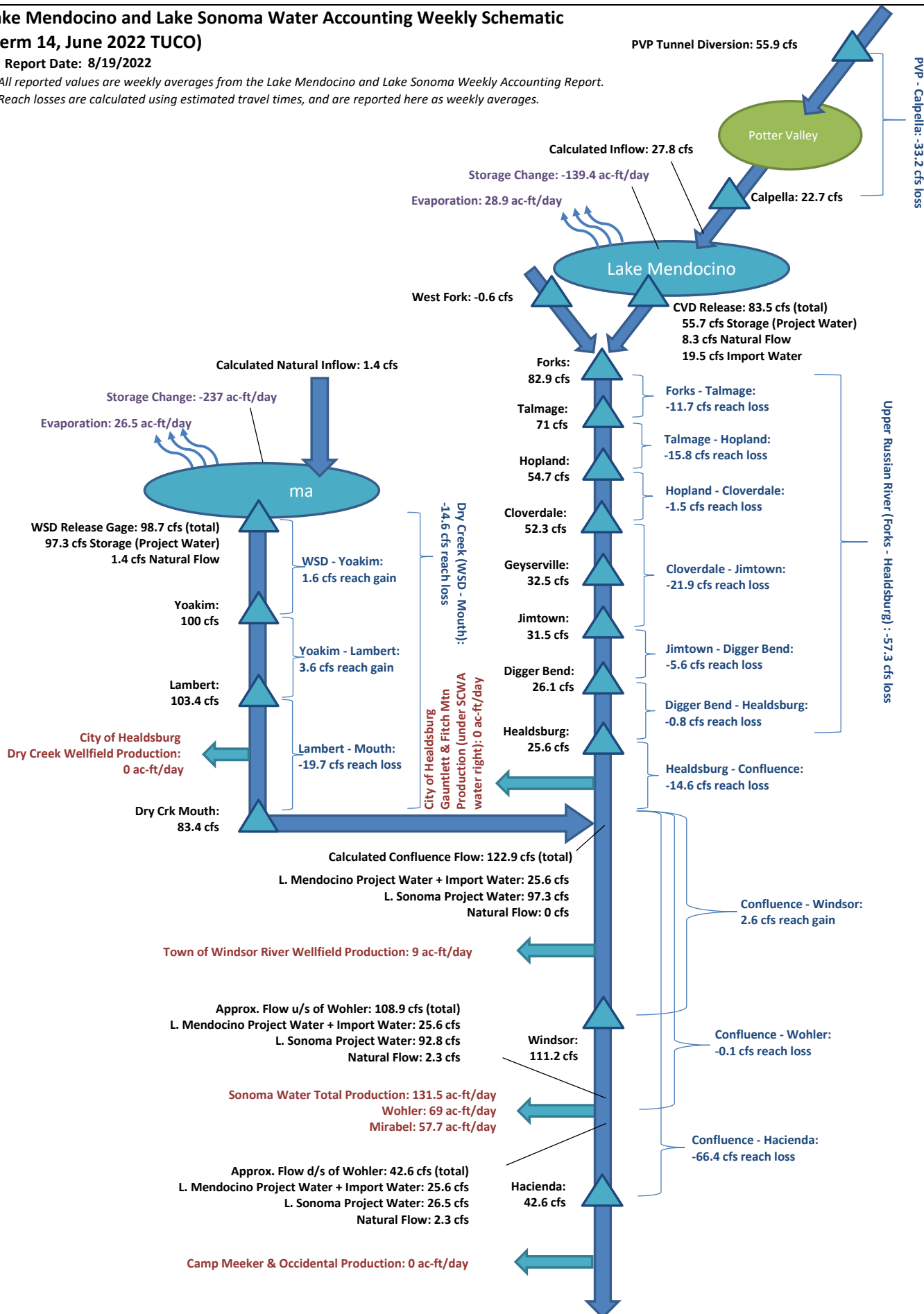
Notes:
- Water Accounting for the Upper Russian River is an analysis that approximates the current conditions based on methodology in Term 11 (2/11/21 Order) report and modified by Term 12 (6/14/21 Order) report. Values listed include estimated values where measurements are not currently available (red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

	8/12/2022	8/13/2022	8/14/2022	8/15/2022	8/16/2022	8/17/2022	8/18/2022	
IV. Lake Sonoma								
Lake Sonoma								
Storage Change (ac-ft)	-200.0	-278.0	-230.0	-230.0	-230.0	-246.0	-245.0	
(cfs)	-101	-140	-116	-116	-116	-124	-124	
Evaporation (ac-ft)	26.9	26.9	27.9	27.9	29.0	22.3	24.5	
Inflow (Natural Flow)	10	0	0	0	0	0	0	
WSD Release Gage	97	97	97	97	96	101	106	
Storage (Project Water)	87	97	97	97	96	101	106	
Natural Flow	10	0	0	0	0	0	0	
V. Lower Dry Creek Reach								
Minimum Instream Flow Requirement	80	80	80	80	80	80	80	
Controlling Compliance Gage								
Min Gage Flow	83	82	85	84	81	80	88	
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	97	97	97	97	96	101	106
Yoakim (USGS 11465200)	11.1	99	99	99	97	97	100	109
Lambert (USGS 11465240)	6.8	103	103	104	103	100	102	111
Dry Crk Mouth (USGS 11465350)	0.1	83	82	85	84	81	80	88
WSD to Russian River Confluence Reach Analysis								
Total Pass-through Water	10	0	0	0	0	0	0	
Net Reach Loss(-)/Gain(+)								
WSD - Yoakim	+2	+3	+2	+1	+0	+1	+3	
Yoakim - Lambert	+4	+4	+5	+5	+4	+2	+2	
Lambert - Dry Crk Mouth	-19	-20	-19	-19	-19	-21	-21	
WSD - Dry Crk Mouth	-13	-14	-12	-13	-15	-17	-17	
WSD Project Water Release to Meet Min Flow Requirement								
Net Reach Loss/Gain to Controlling Gage	-13	-14	-12	-13	-15	-17	-17	
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	26	26	26	26	24	25	
Natural Flow	0	0	0	0	0	0	0	
Dry Creek Flow (Mouth Gage)								
L. Sonoma Project Water	87	97	97	97	96	101	106	
Natural Flow	0	0	0	0	0	0	0	
Russian River d/s of Confluence Flow	110	108	111	111	107	104	113	
L. Mendocino Project Water + Import Water	26	26	26	26	26	24	25	
L. Sonoma Project Water	87	97	97	97	96	101	106	
Natural Flow	0	0	0	0	0	0	0	
VII. Lower Russian River Reach								
Minimum Instream Flow Requirement	35	35	35	35	35	35	35	
Controlling Compliance Gage								
Min Gage Flow	48	43	42	41	41	42	41	
Controlling Gage	Hacienda	Hacienda	Hacienda	Hacienda	Hacienda	Hacienda	Hacienda	
All Compliance Gages	Rvr mi.							
Windsor (USGS 11465390)	26.6	114.9	111.8	110.6	110.3	111.4	110.9	108.4
Hacienda (USGS 11467000)	21.8	48	43	42	41	41	42	41
Confluence to Windsor Reach Analysis								
Net Reach Loss/Gain to Windsor Gage	+5	+4	+1	-1	+3	+7	+0	
L. Mendocino Project Water + Import Water	26	26	26	26	26	24	25	
L. Sonoma Project Water	83	93	93	92	92	96	102	
Natural Flow	5	4	1	0	3	7	0	
Confluence to SCWA Wohler Production Facility Reach Analysis								
Approx. Flow u/s of Wohler	114	105	117	100	103	104	118	
Net Reach Loss(-)/Gain(+)	+5	-3	+7	-10	-4	+0	+5	
L. Mendocino Project Water + Import Water	26	26	26	26	26	24	25	
L. Sonoma Project Water	83	93	93	92	92	96	102	
Natural Flow	5	0	7	0	0	0	5	
Confluence to Hacienda (Guerneville) Reach Analysis								
Net Reach Loss(-)/Gain(+)	-62	-65	-69	-70	-66	-62	-72	
L. Mendocino Project Water + Import Water	26	26	26	26	26	24	25	
L. Sonoma Project Water	16	31	17	33	30	33	25	
Natural Flow	5	0	7	0	0	0	5	
VIII. Water Production under Sonoma Water Water Rights (ac-ft)								
Lower Russian River								
Sonoma Water Total	132.1	122.9	149.5	117.8	122.7	123.6	152.2	
Wohler	78.7	70.3	81.6	64.4	46.5	69.6	71.9	
Mirabel	48.5	47.7	63.1	48.6	71.4	49.1	75.4	
Town of Windsor River Wellfield	9.0	8.8	8.5	8.8	9.4	9.5	8.9	
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).								

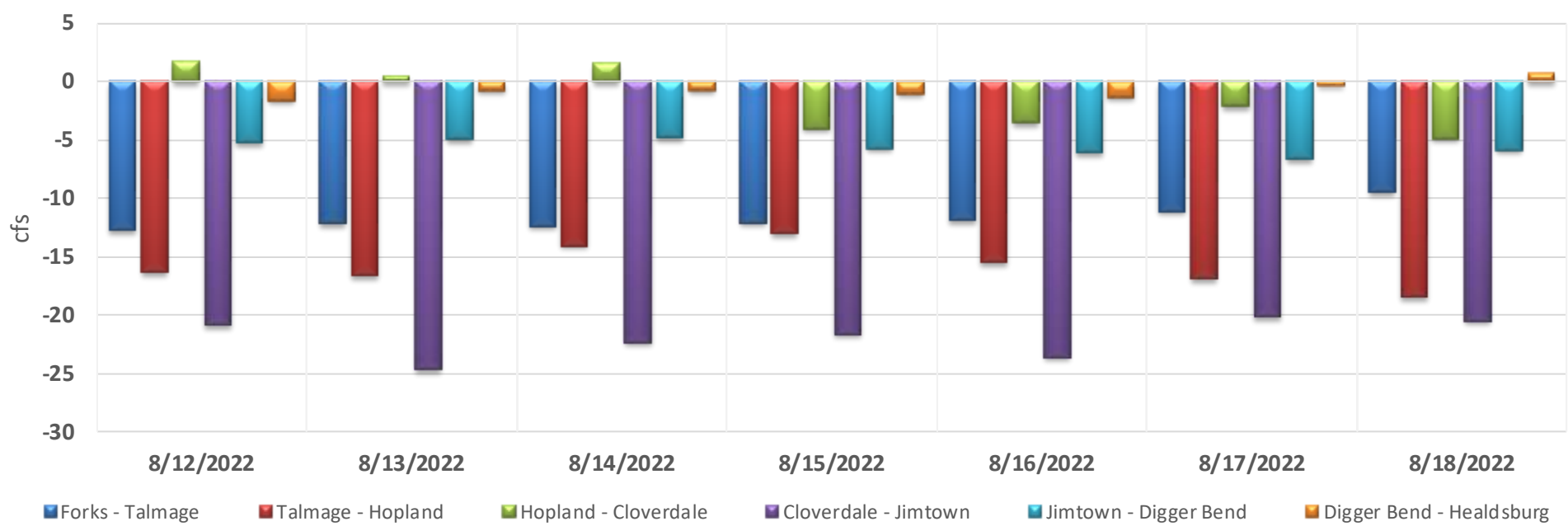
Lake Mendocino and Lake Sonoma Water Accounting Weekly Schematic (Term 14, June 2022 TUCO)

Report Date: 8/19/2022

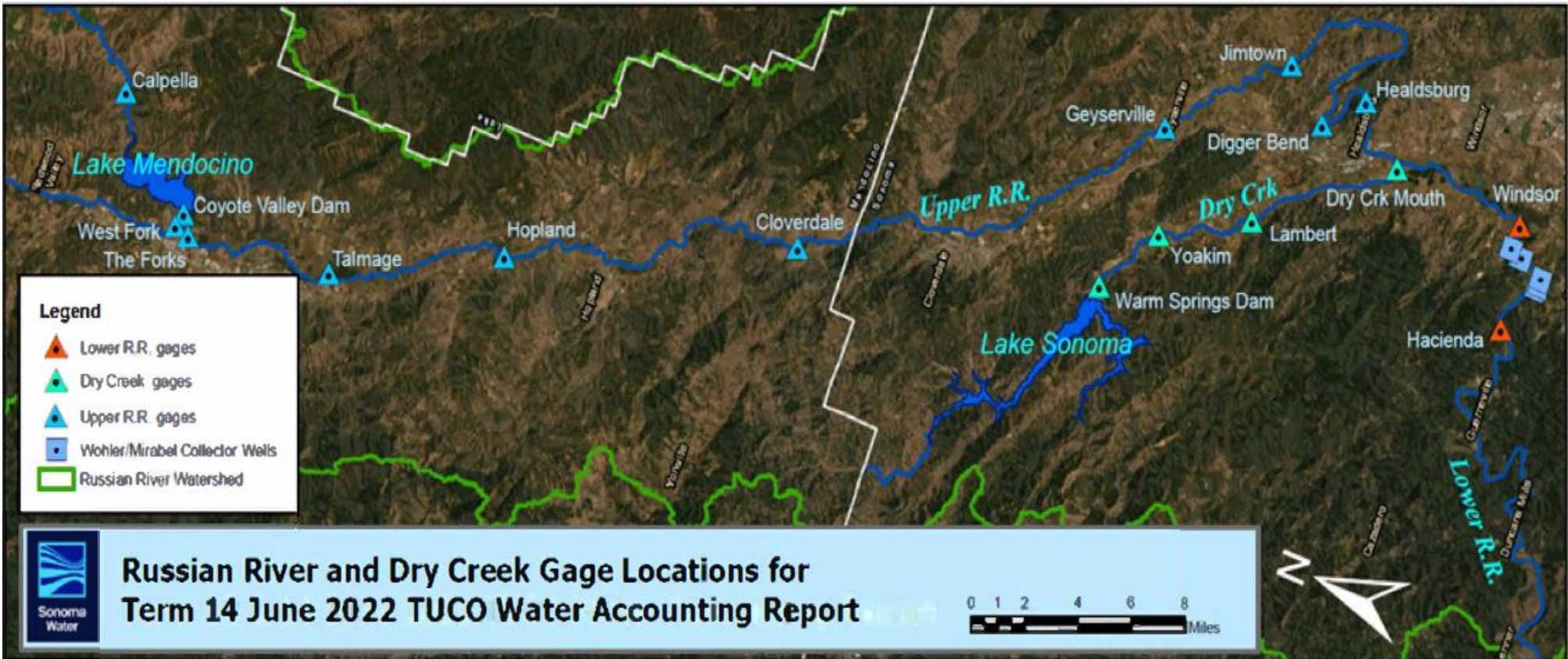
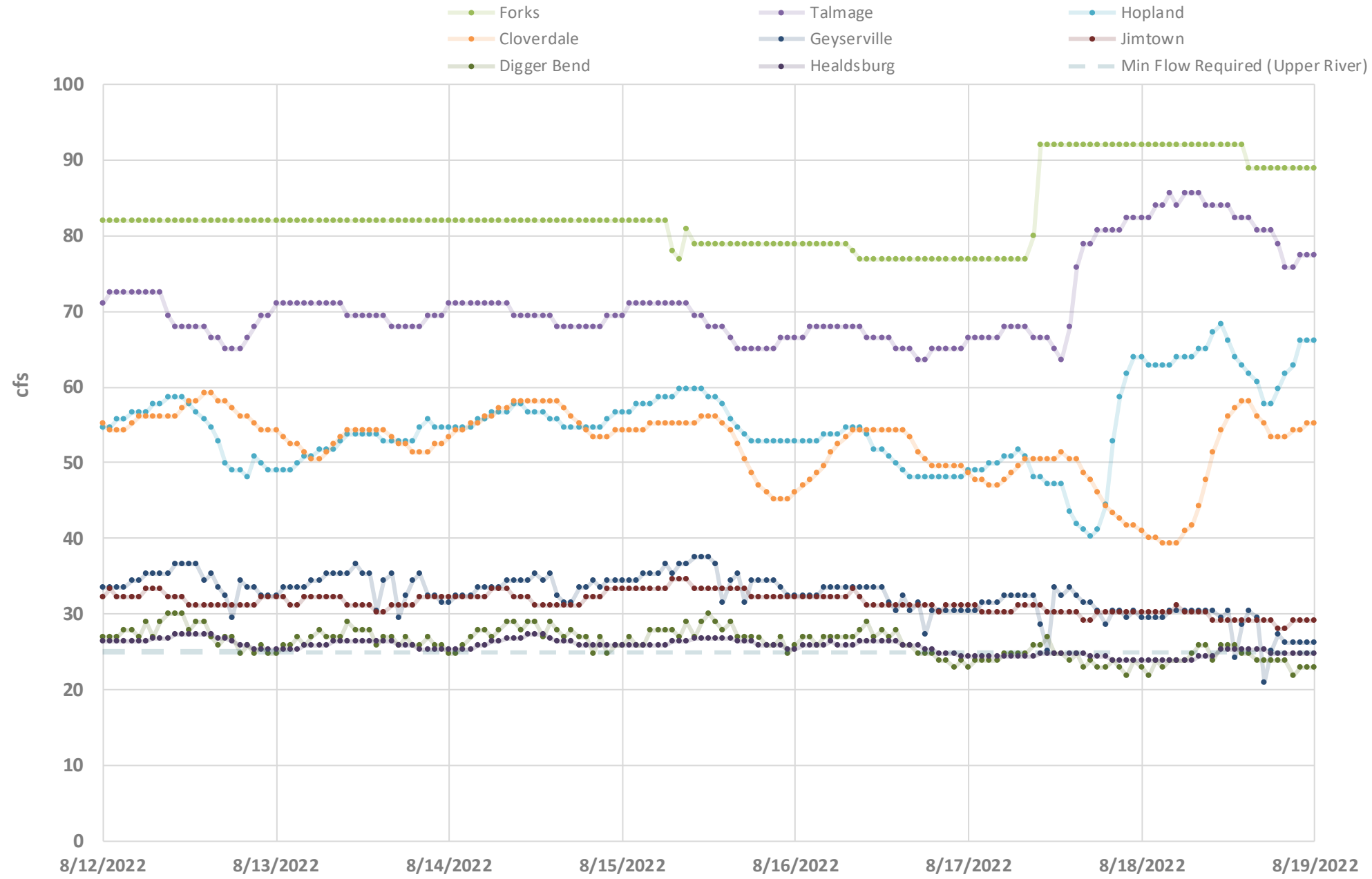
All reported values are weekly averages from the Lake Mendocino and Lake Sonoma Weekly Accounting Report.
Reach losses are calculated using estimated travel times, and are reported here as weekly averages.



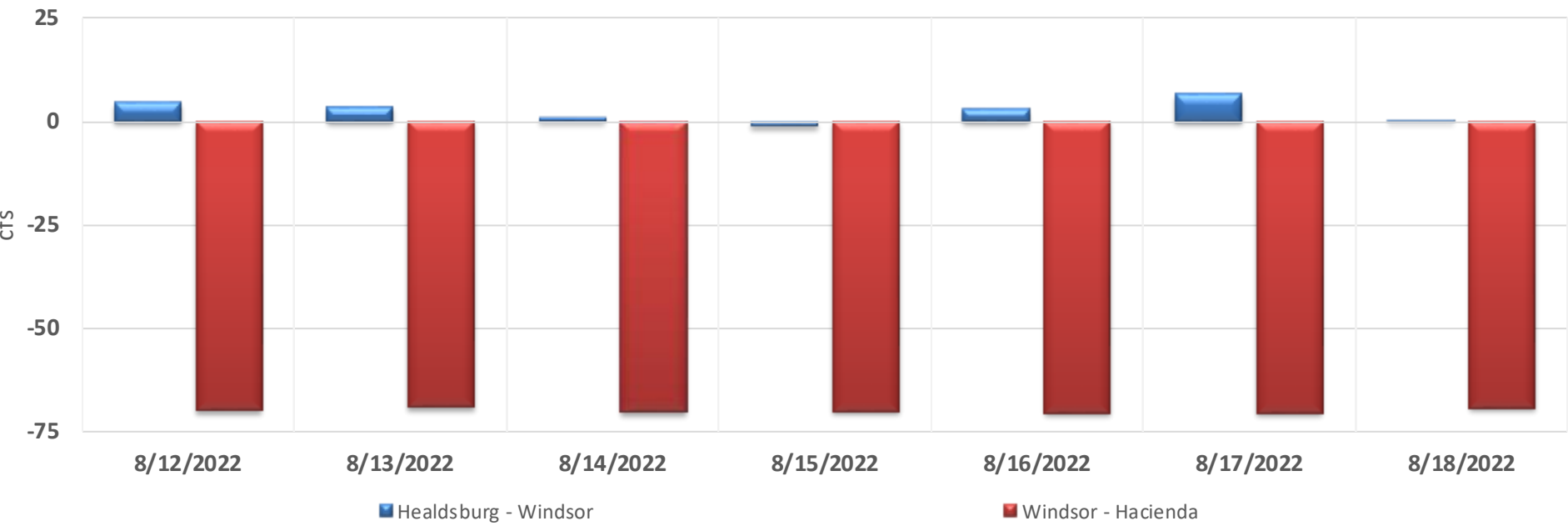
UPPER RUSSIAN RIVER NET REACH GAINS (+) / LOSSES (-)



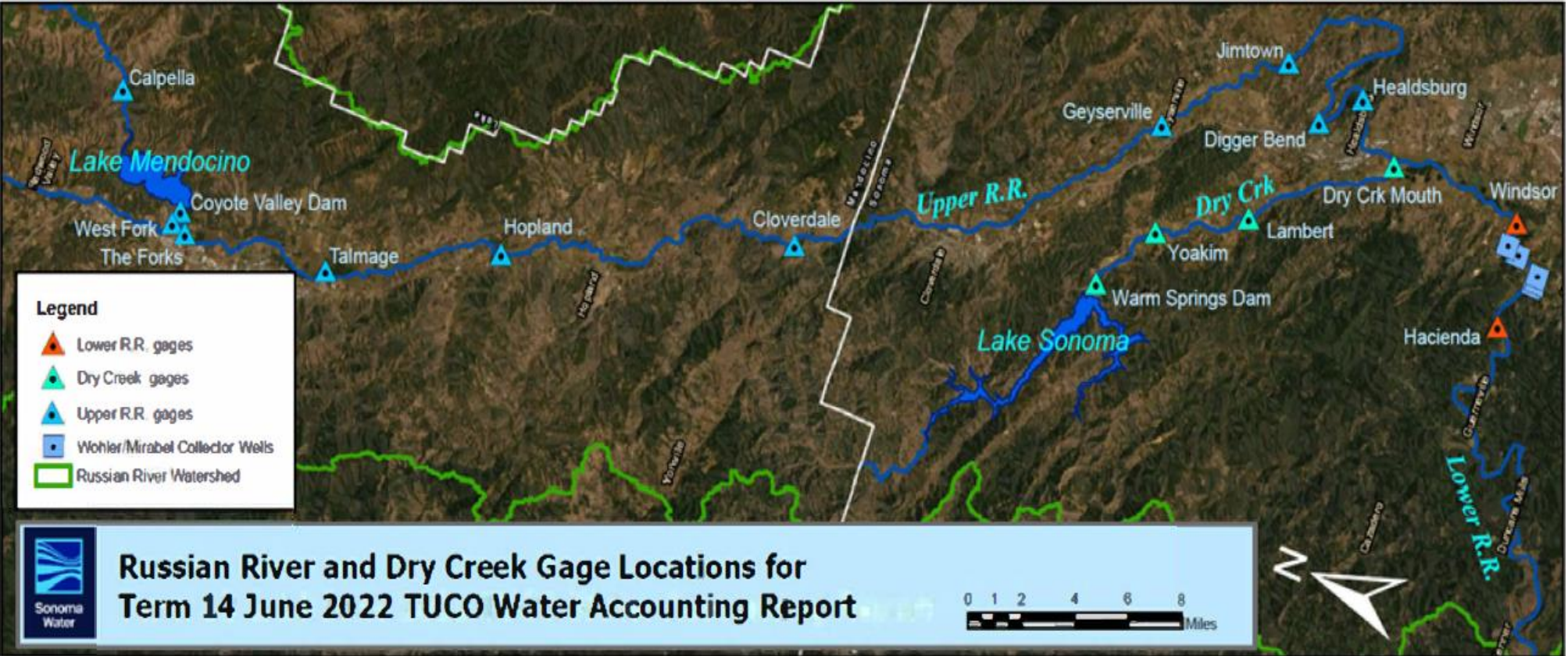
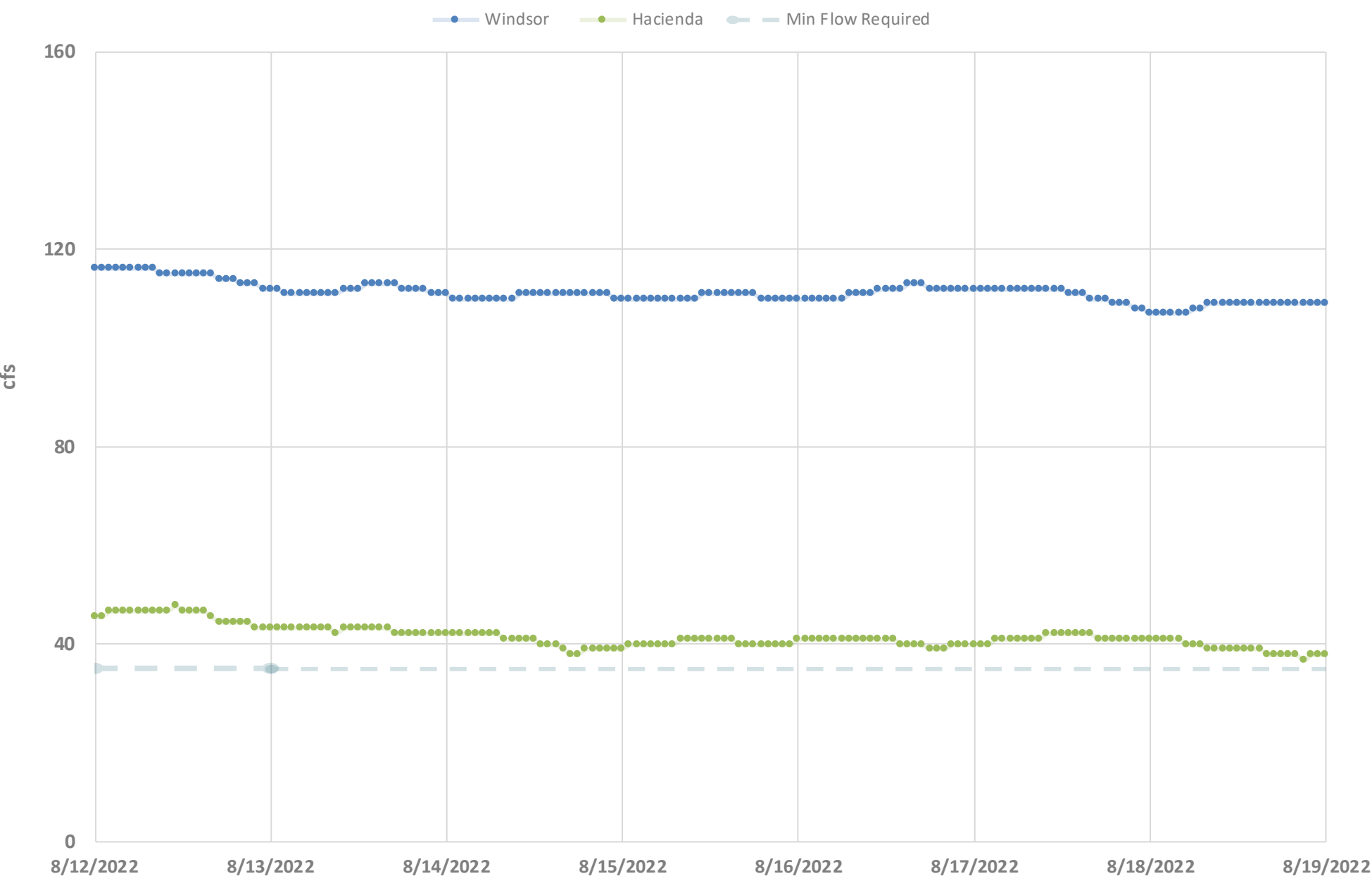
UPPER RUSSIAN RIVER STREAM FLOWS



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



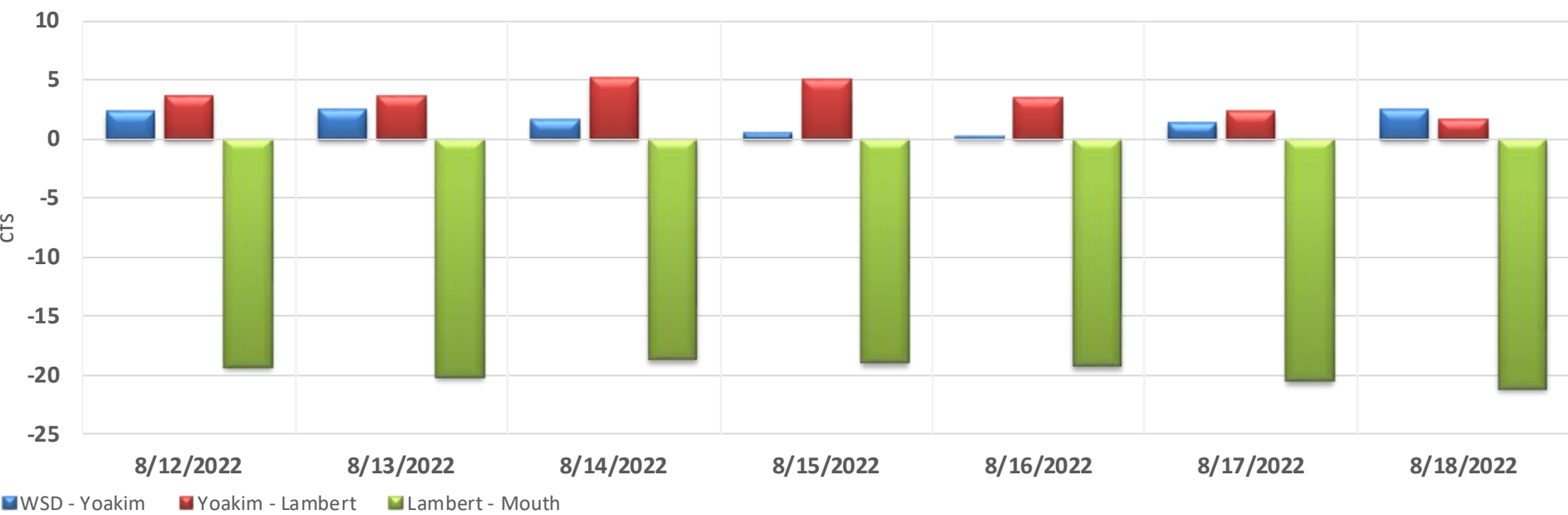
LOWER RUSSIAN RIVER STREAM FLOWS



Lake Mendocino and Lake Sonoma Water Accounting Weekly Report (Term 14, June 2022 TUCO)

Report Date: 8/19/2022

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



DRY CREEK STREAM FLOWS

