

Units are cfs unless noted otherwise

	7/15/2022	7/16/2022	7/17/2022	7/18/2022	7/19/2022	7/20/2022	7/21/2022
I. Upper East Fork Reach							
Potter Valley Project							
Tunnel Diversion	120.0	120.0	120.0	120.0	121.0	121.0	120.0
PVID Requested Delivery	40.0	40.0	40.0	40.0	40.0	40.0	40.0
PVID Canals Actual Delivery	25.2	25.1	25.2	25.3	25.4	25.4	25.3
East Fork Release	95.0	95.0	95.0	98.0	96.0	96.0	95.0
PVID E Fork Diversions	14.8	14.9	14.8	14.7	14.6	14.6	14.7
PVID Water Use - PG&E Contract	40.0	40.0	40.0	40.0	40.0	40.0	40.0
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)	80.2	80.1	80.2	83.3	81.4	81.4	80.3
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	80.5	86.5	84.5	90.9	88.0	95.8	92.3
Net Reach Loss(-)/Gain(+)	-39.5	-33.5	-35.5	-29.1	-33.0	-25.2	-27.7
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.)	-0.5	-6.5	-4.5	-10.9	-7.0	-14.8	-12.3
Natural Flow	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Import (neg. value is return flow)	-0.5	-6.5	-4.5	-10.9	-7.0	-14.8	-12.3

II. Lake Mendocino

Reservoir Operations							
Calculated Inflow (ac-ft)	141	179	178	180	180	164	165
(cfs)	71	90	90	91	91	83	83
Natural Flow	0	4	5	0	3	0	0
Import	71	87	85	91	88	83	83
Storage Change (ac-ft)	-45.0	-15.0	-16.0	-15.0	-15.0	-30.0	-30.0
(cfs)	-23	-8	-8	-8	-8	-15	-15
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)	29.7	31.6	31.6	32.5	32.5	31.5	32.5
RVCWD Diversion (ac-ft)	0	0	0	0	0	0	0
CVD Release Gage	79	82	82	82	82	82	82
Storage (Project Water)	8	0	0	0	0	0	0
Natural Flow	0	4	5	0	3	0	0
Import Water	71	87	85	91	88	83	83
East Fork Min Instream Flow Requirement	25	25	25	25	25	25	25
Compliance Gage	Rvr mi.						
CVD Release	99.9	79	82	82	82	82	82
CVD Project Water Release to Meet Min Flow Requirement							
Total Pass-through Water	71	90	90	91	91	83	83
Project Water Release Required	No	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		28	27	28	27	25	26	27
Controlling Gage		Digger Bend	Digger Bend	Digger Bend	Digger Bend	Digger Bend	Digger Bend	Healdsburg
All Compliance Gages		Rvr mi.						
Forks	(CVD + USGS 11461000)	99.0	79	82	82	82	82	82
Talmage	(USGS 11462080)	96.1	68	67	69	70	72	75
Hopland	(USGS 11462500)	84.8	58	57	60	60	63	70
Cloverdale	(USGS 11463000)	70.9	50	49	44	48	54	60
Geyserville	(USGS 11463500)	54.4	34	34	32	30	30	36
Jimtown	(USGS 11463682)	48.5	36	34	35	34	33	36
Digger Bend	(USGS 11463980)	38.2	28	27	28	27	25	26
Healdsburg	(USGS 11464000)	35.6	29	28	28	29	27	27
Net Reach Loss(-)/Gain(+)								
Forks - Talmage		-12	-15	-14	-12	-11	-7	-7
Talmage - Hopland		-11	-9	-8	-9	-8	-3	-6
Hopland - Cloverdale		-7	-9	-14	-13	-6	-8	-9
Cloverdale - Jimtown		-13	-14	-16	-10	-14	-18	-21
Jimtown - Digger Bend		-8	-7	-7	-7	-8	-7	-8
Digger Bend - Healdsburg		-0	+1	+1	+1	+1	+1	-0
Upper Russian Net Reach Loss/Gain		-51	-53	-58	-50	-46	-42	-52
CVD Project Water Release to Meet Min Flow Requirement								
Net Reach Loss(-)/Gain(+) to Controlling Gage		-51	-54	-59	-51	-47	-43	-52
Storage (Project Water)		8	0	0	0	0	0	0
Pass-through Water (Nat. + Imp.) + Natural		-44	-54	-59	-51	-47	-43	-52
Total Pass-through Water		27	36	31	40	44	40	31
Project Water Release Required		No	No	No	No	No	No	No

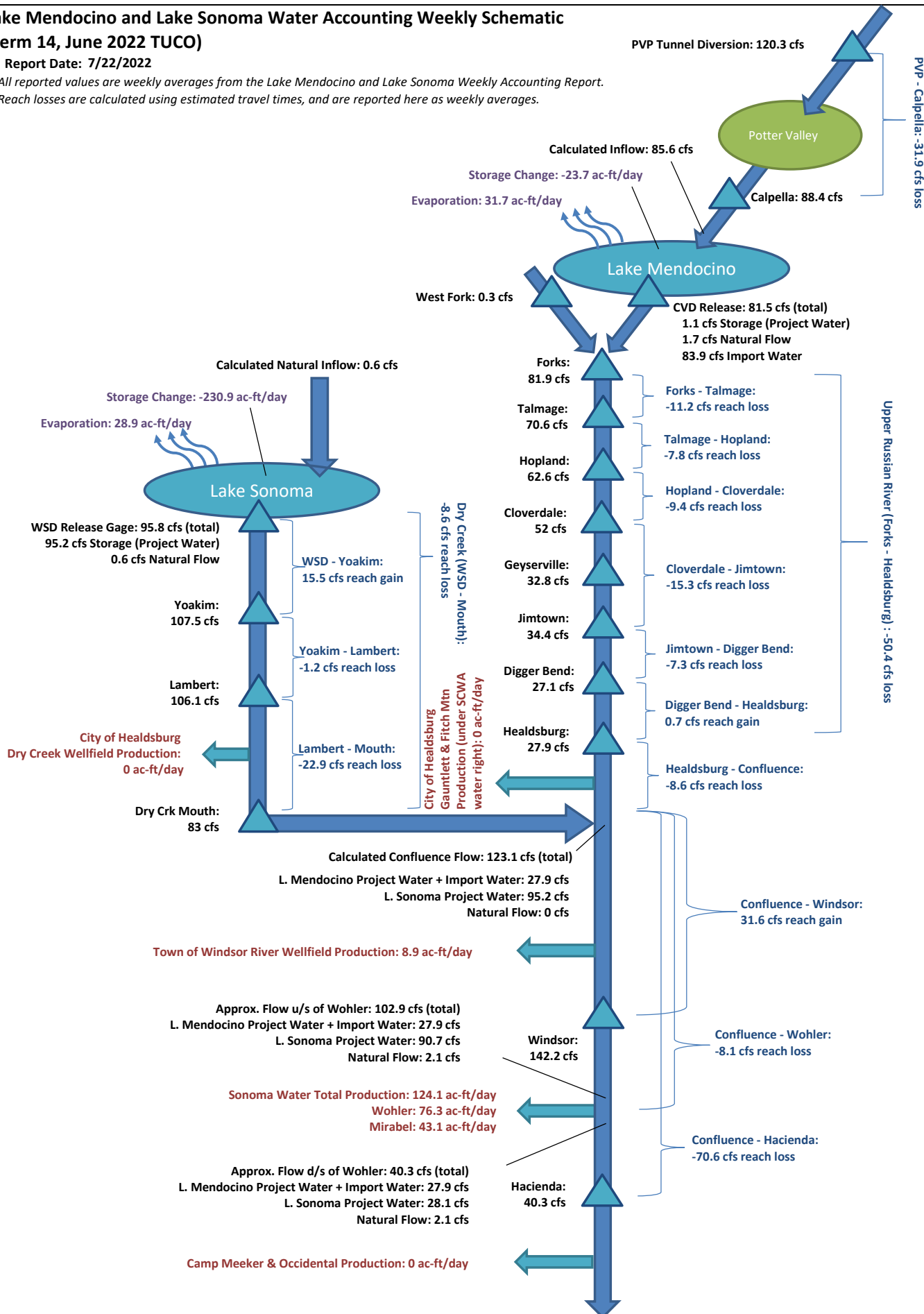
Notes:
- Water Accounting for the Upper Russian River is an analysis that approximates the current conditions based on methodology in Term 11 (2/11/21 Order) report and modified by Term 12 (6/14/21 Order) report. Values listed include estimated values where measurements are not currently available (red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

	7/15/2022	7/16/2022	7/17/2022	7/18/2022	7/19/2022	7/20/2022	7/21/2022
IV. Lake Sonoma							
Lake Sonoma							
Storage Change (ac-ft)	-205.0	-222.0	-238.0	-238.0	-238.0	-237.0	-238.0
(cfs)	-103	-112	-120	-120	-120	-119	-120
Evaporation (ac-ft)	29.0	31.2	30.0	28.9	27.8	27.8	27.8
Inflow (Natural Flow)	4	0	0	0	0	0	0
WSD Release Gage	93	94	94	94	97	99	99
Storage (Project Water)	89	94	94	94	97	99	99
Natural Flow	4	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	80	81	82	81	81	87	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	93	94	94	97	99	99
Yoakim (USGS 11465200)	11.1	104	105	106	105	108	112
Lambert (USGS 11465240)	6.8	104	104	105	104	105	110
Dry Crk Mouth (USGS 11465350)	0.1	80	81	82	81	87	88
WSD to Russian River Confluence Reach Analysis							
Total Pass-through Water	4	0	0	0	0	0	0
Net Reach Loss(-)/Gain(+)							
WSD - Yoakim	+12	+13	+14	+13	+16	+21	+20
Yoakim - Lambert	-0	-0	-1	-0	-2	-3	-2
Lambert - Dry Crk Mouth	-23	-23	-23	-23	-23	-23	-22
WSD - Dry Crk Mouth	-12	-10	-10	-11	-9	-5	-4
WSD Project Water Release to Meet Min Flow Requirement							
Net Reach Loss/Gain to Controlling Gage	-12	-10	-10	-11	-9	-5	-4
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	29	28	28	29	27	27	27
Natural Flow	0	0	0	0	0	0	0
Dry Creek Flow (Mouth Gage)							
L. Sonoma Project Water	89	94	94	94	97	99	99
Natural Flow	0	0	0	0	0	0	0
Russian River d/s of Confluence Flow	109	110	110	110	108	114	116
L. Mendocino Project Water + Import Water	29	28	28	29	27	27	27
L. Sonoma Project Water	89	94	94	94	97	99	99
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	35	34	36	40	43	49	47
Controlling Gage	Hacienda	Hacienda	Hacienda	Hacienda	Hacienda	Hacienda	Hacienda
All Compliance Gages	Rvr mi.						
Windsor (USGS 11465390)	26.6	158.8	165.3	158.5	135.7	122.9	122.5
Hacienda (USGS 11467000)	21.8	35	34	36	40	43	49
Confluence to Windsor Reach Analysis							
Net Reach Loss/Gain to Windsor Gage	+49	+56	+48	+25	+15	+11	+17
L. Mendocino Project Water + Import Water	29	28	28	29	27	27	27
L. Sonoma Project Water	84	89	90	90	93	94	95
Natural Flow	49	56	48	25	15	11	17
Confluence to SCWA Wohler Production Facility Reach Analysis							
Approx. Flow u/s of Wohler	92	101	95	84	110	126	111
Net Reach Loss(-)/Gain(+)	-17	-8	-16	-25	+2	+13	-5
L. Mendocino Project Water + Import Water	29	28	28	29	27	27	27
L. Sonoma Project Water	84	89	90	90	93	94	95
Natural Flow	0	0	0	0	2	13	0
Confluence to Hacienda (Guerneville) Reach Analysis							
Net Reach Loss(-)/Gain(+)	-75	-76	-75	-70	-65	-65	-69
L. Mendocino Project Water + Import Water	29	28	28	29	27	27	27
L. Sonoma Project Water	26	22	31	45	26	17	31
Natural Flow	0	0	0	0	2	13	0
VIII. Water Production under Sonoma Water Water Rights (ac-ft)							
Lower Russian River							
Sonoma Water Total	114.4	134.7	116.9	88.3	133.0	154.0	127.1
Wohler	18.8	41.4	21.5	58.6	126.7	146.8	120.3
Mirabel	90.7	88.4	90.5	26.0	1.7	2.3	1.8
Town of Windsor River Wellfield	9.0	9.0	8.8	8.4	8.7	9.7	8.6
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: 7/22/2022

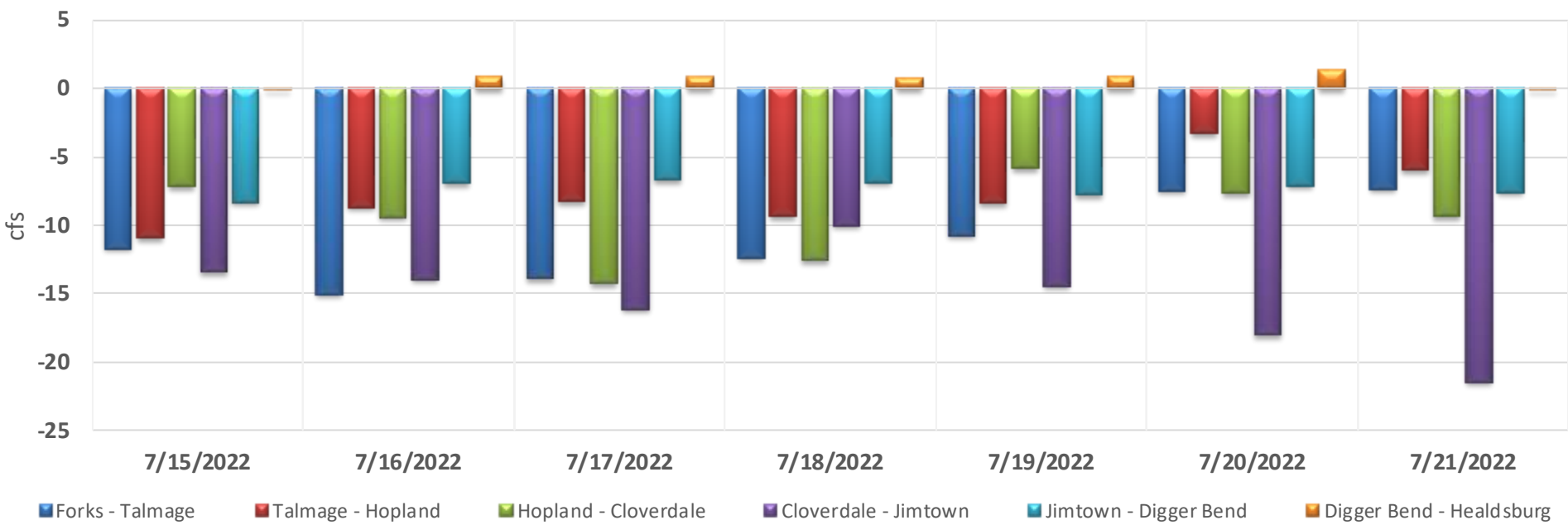
All reported values are weekly averages from the Lake Mendocino and Lake Sonoma Weekly Accounting Report.
Reach losses are calculated using estimated travel times, and are reported here as weekly averages.



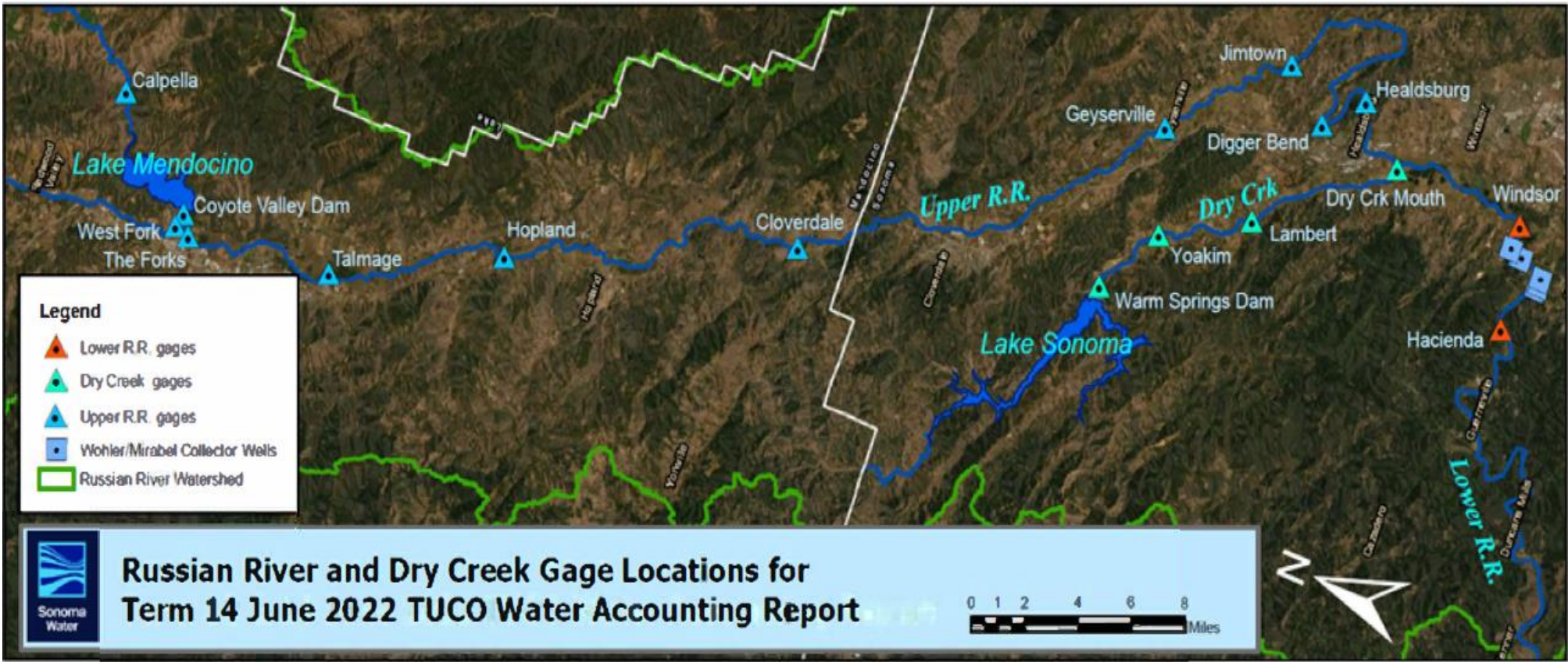
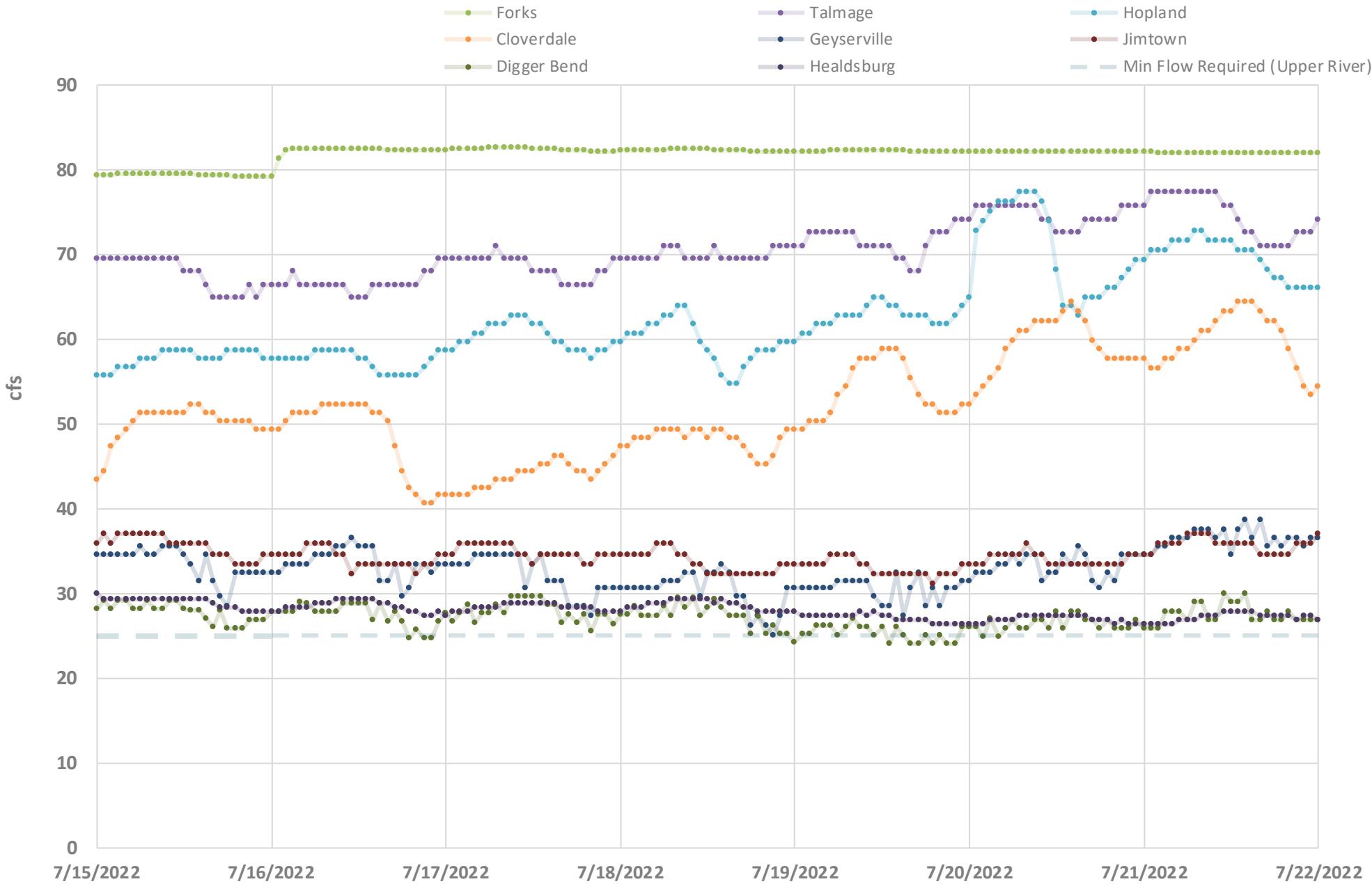
Lake Mendocino and Lake Sonoma Water Accounting Weekly Report (Term 14, June 2022 TUCO)

Report Date: 7/22/2022

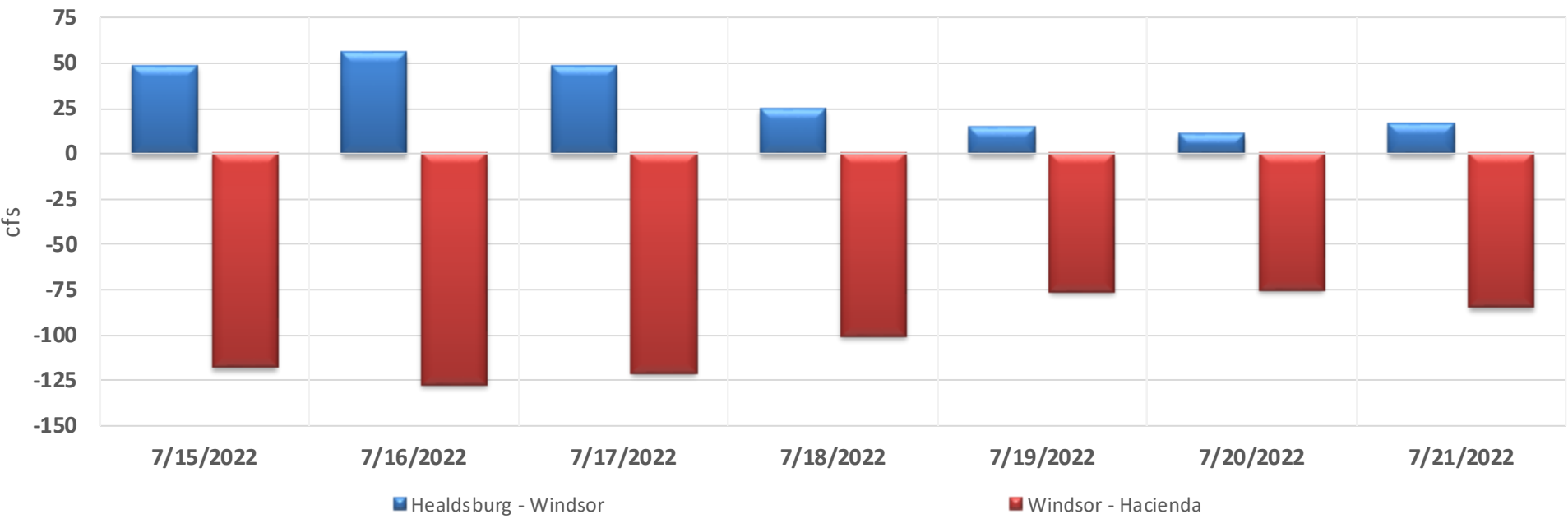
UPPER RUSSIAN RIVER NET REACH GAINS (+) / LOSSES (-)



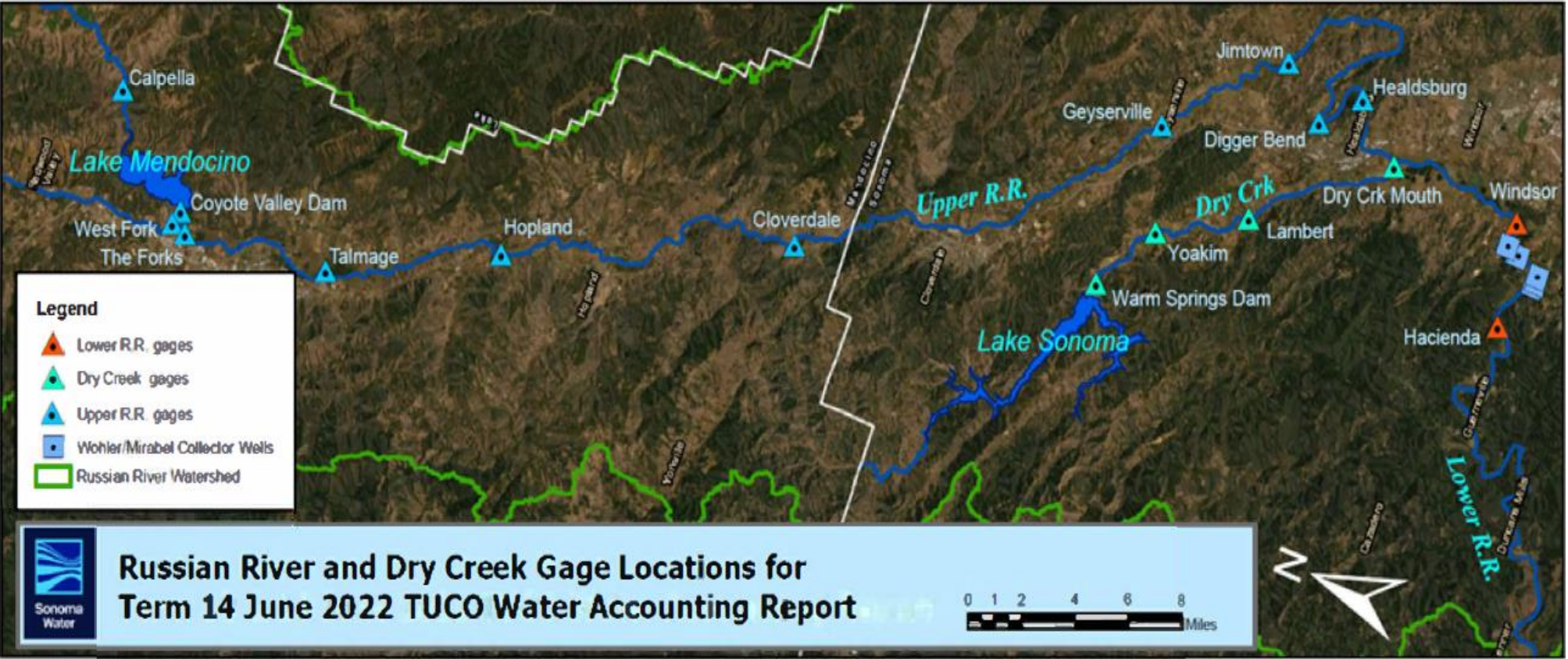
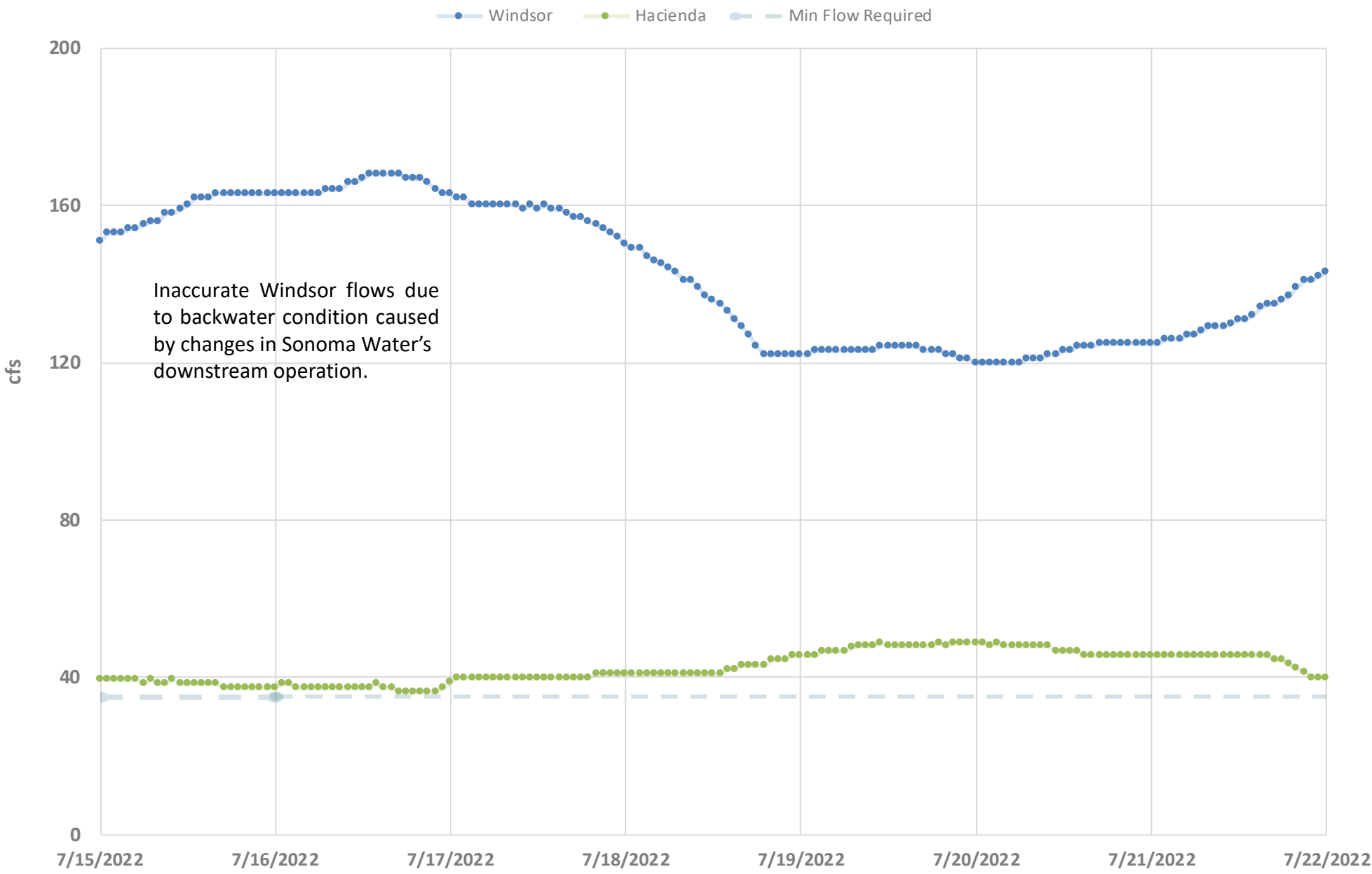
UPPER RUSSIAN RIVER STREAM FLOWS



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



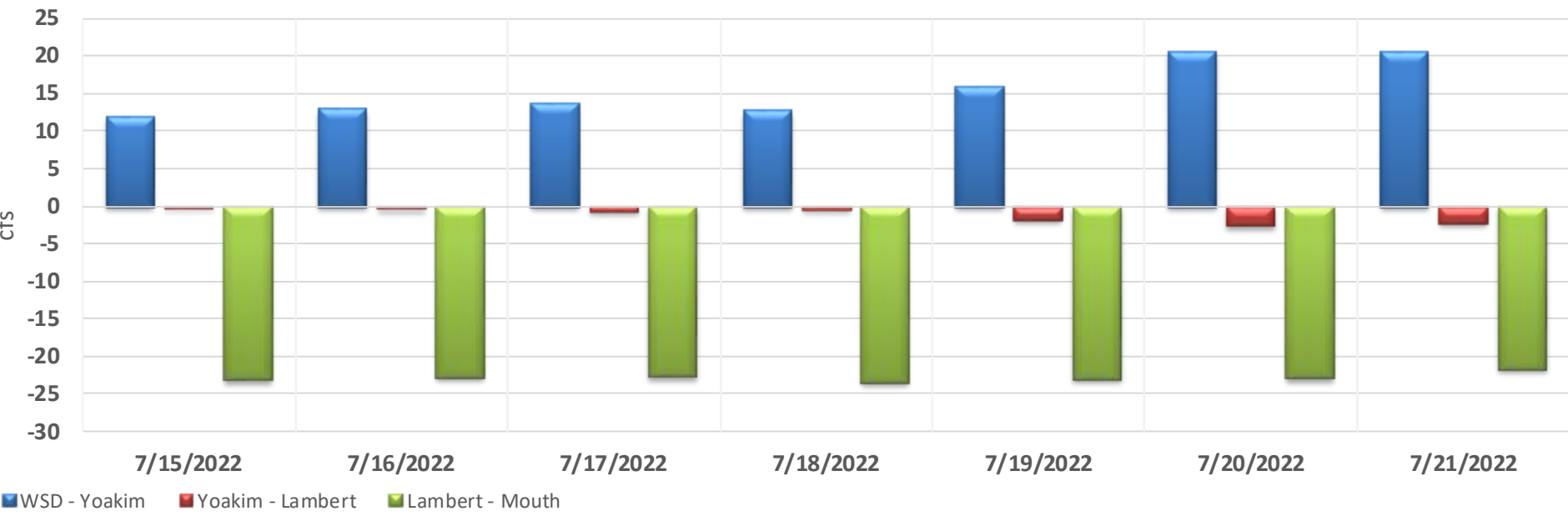
LOWER RUSSIAN RIVER STREAM FLOWS



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

Report Date: 7/22/2022

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



DRY CREEK STREAM FLOWS

