BUREAU OF RECLAMATION

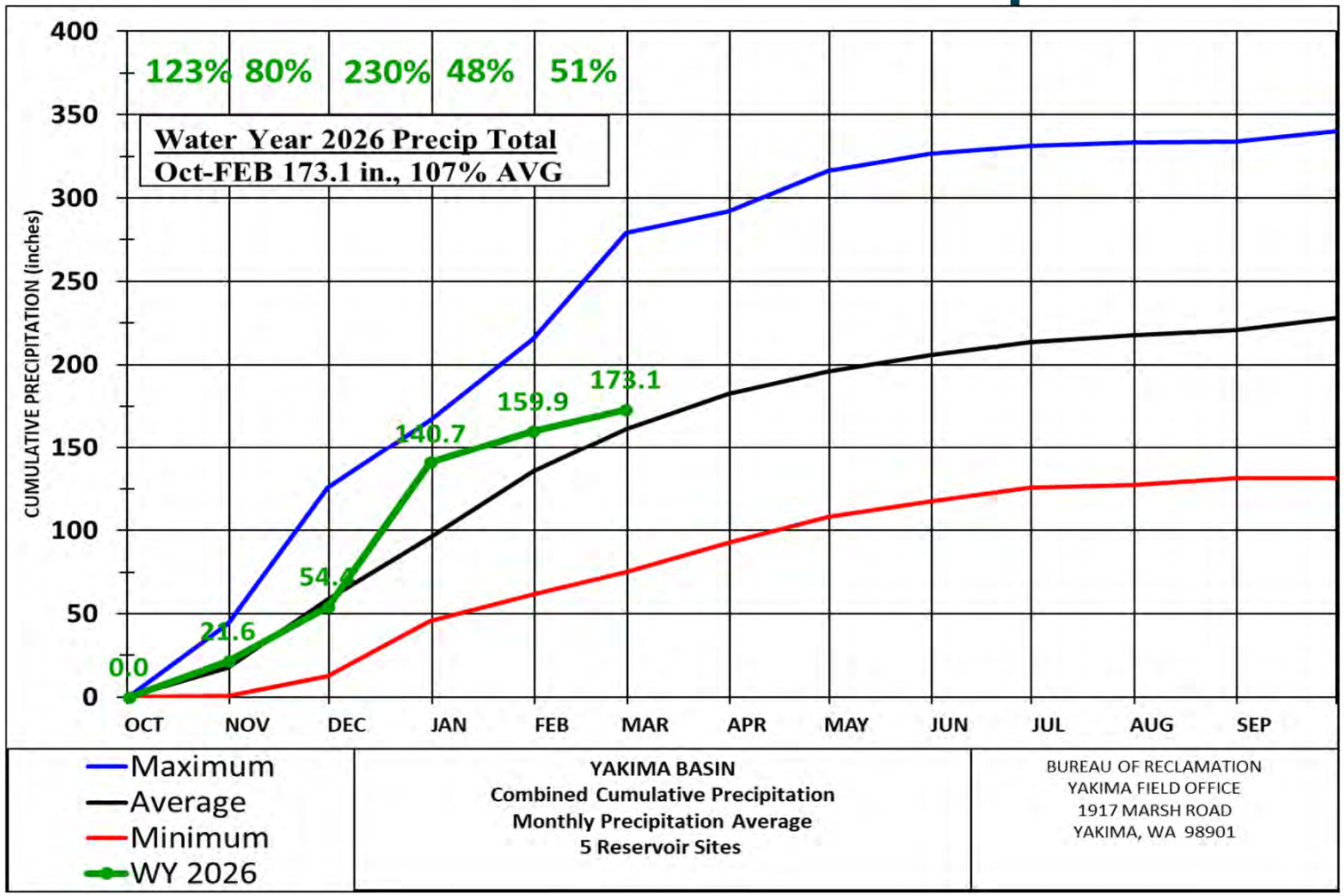
Yakima Project Water Status
March Water Year 2026

Presented for YBIP

Teresa Hauser

March 11, 2026

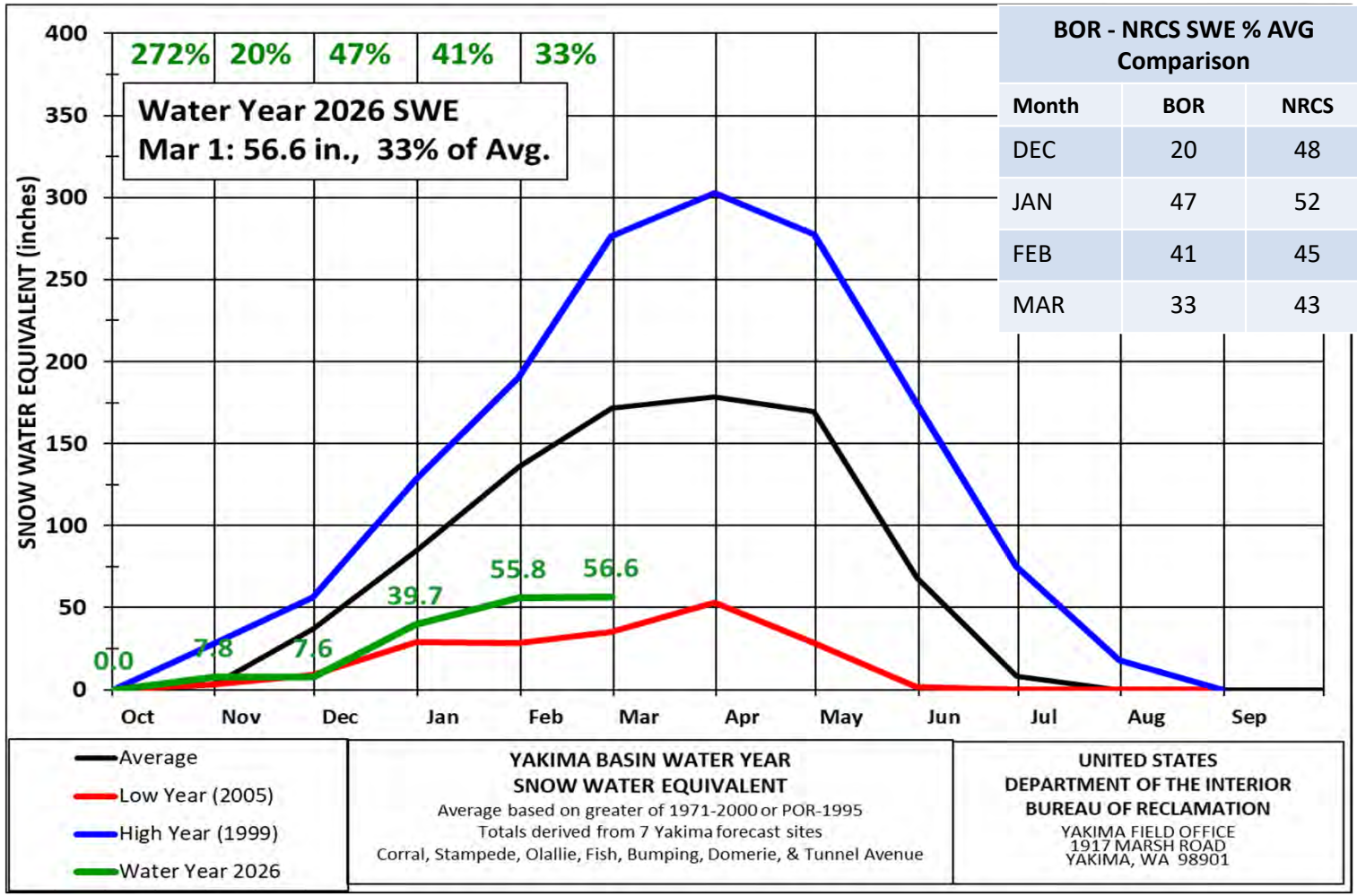
Yakima Basin Reservoir Precipitation



https://www.usbr.gov/pn/hydromet/yakima/yakwebarcread.html

Provisional data subject to revision

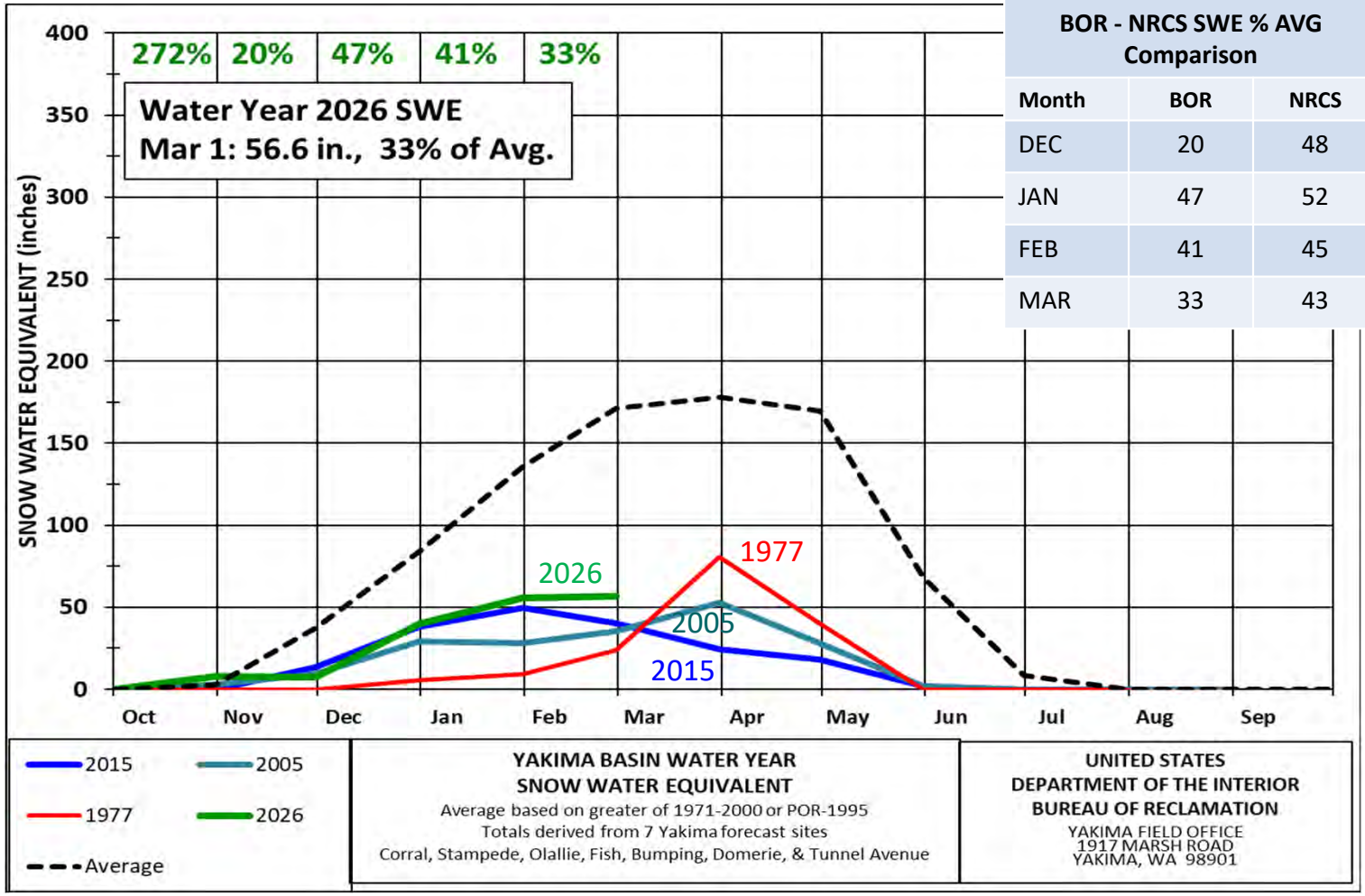
Yakima Basin Snow Water Equivalent



BOR - NRCS SWE % AVG Comparison		
Month	**BOR**	**NRCS**
DEC	20	48
JAN	47	52
FEB	41	45
MAR	33	43

Provisional data subject to revision

Yakima Basin Snow Water Equivalent



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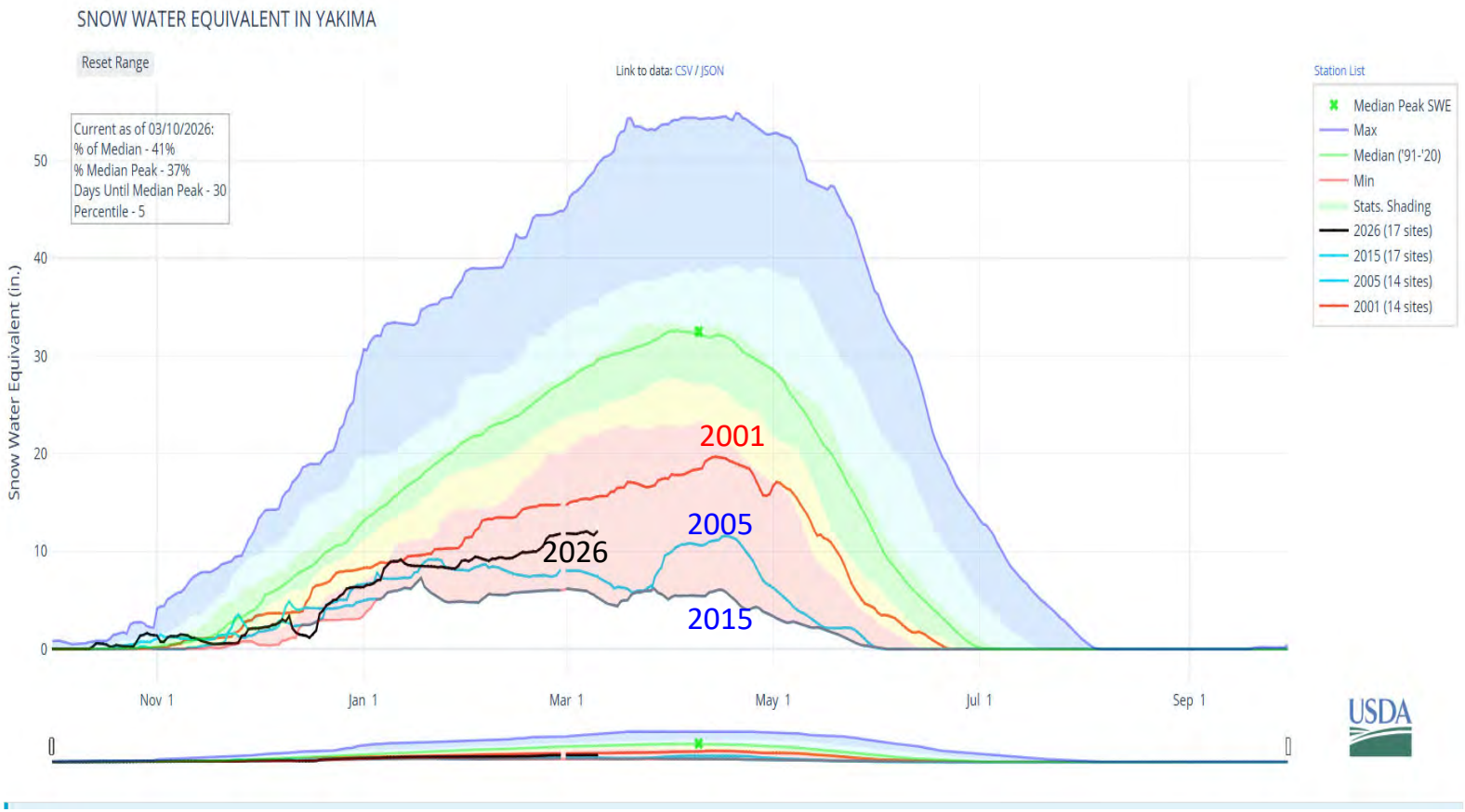
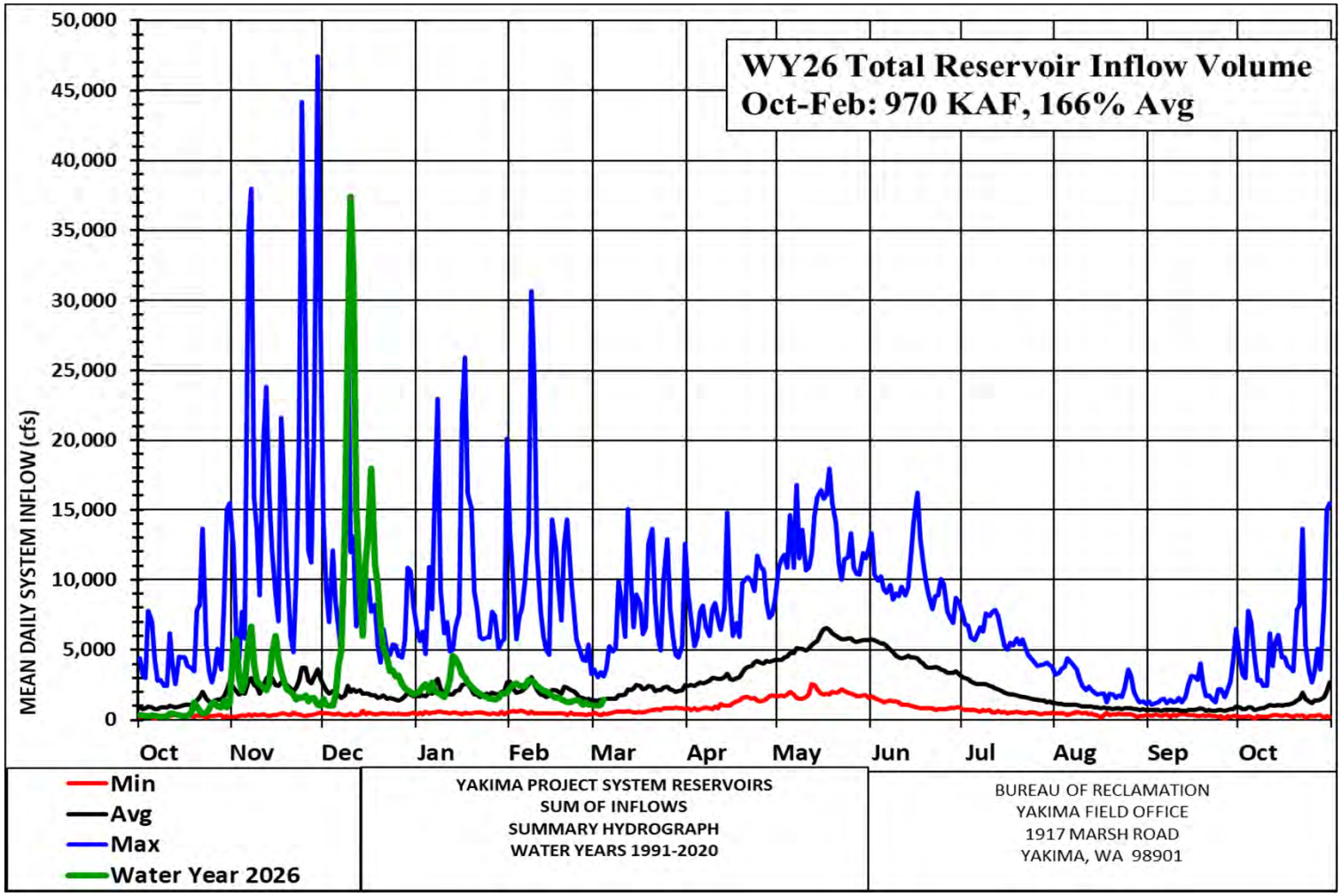
Provisional data subject to revision

NRCS SWE Yakima Basin



https://nwcc-apps.sc.egov.usda.gov/awdb/basin-plots/POR/WTEQ/assocHUC4/1703_Yakima.html

Reservoir Unregulated Hydrograph



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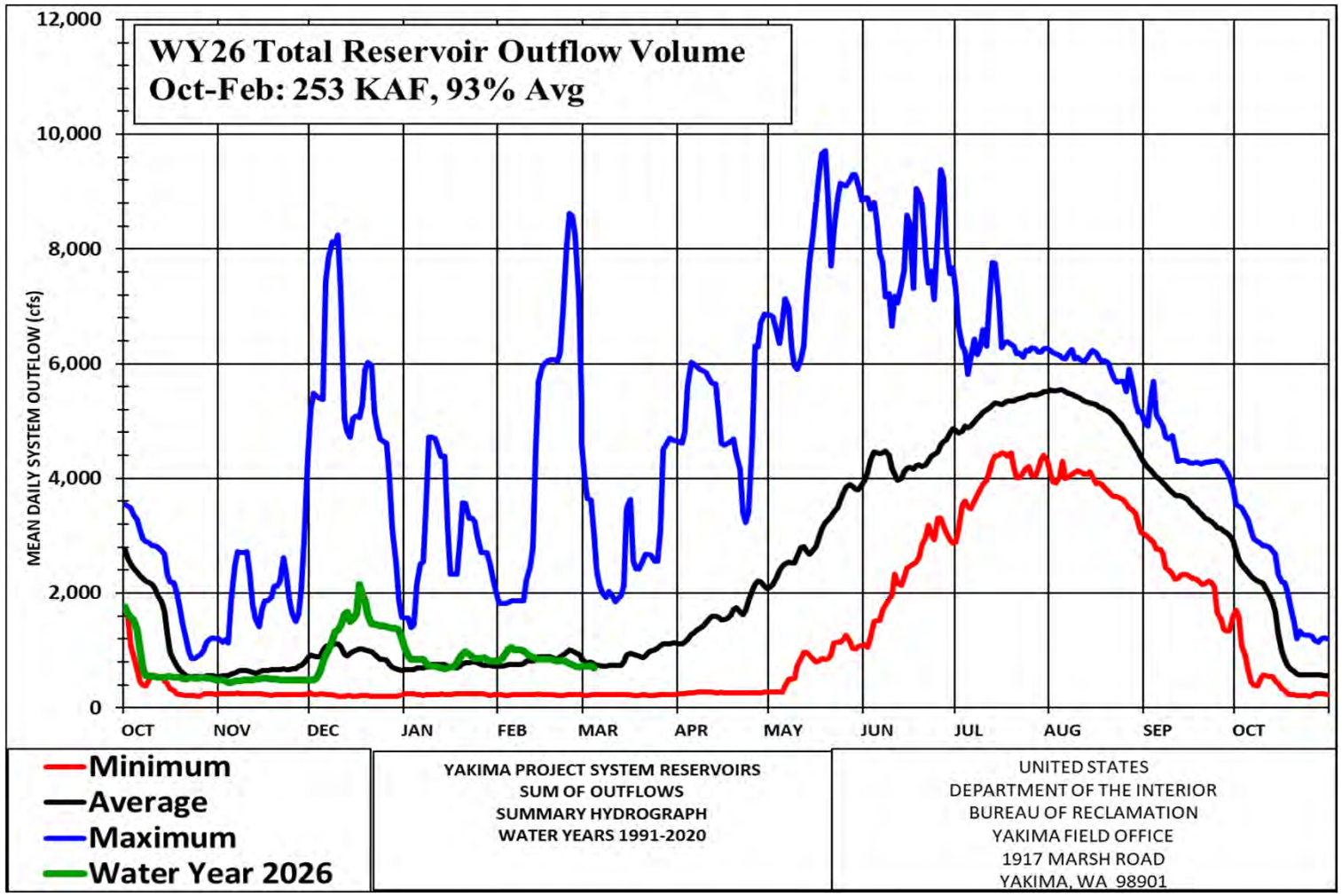
Provisional data subject to revision

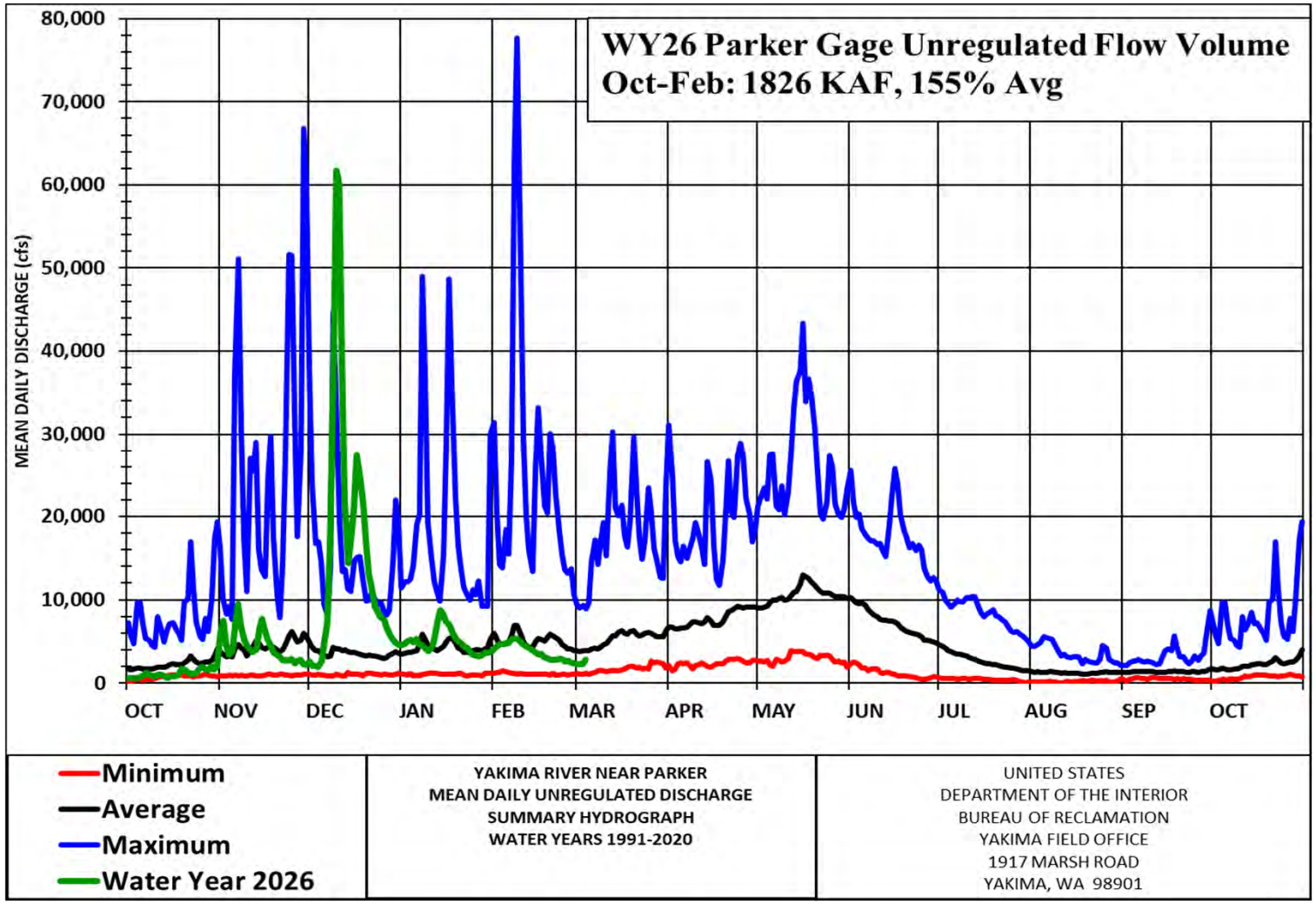
Reservoir Regulated Hydrograph



https://www.usbr.gov/pn/hydromet/yakima/yakwebarcread.html

Provisional data subject to revision

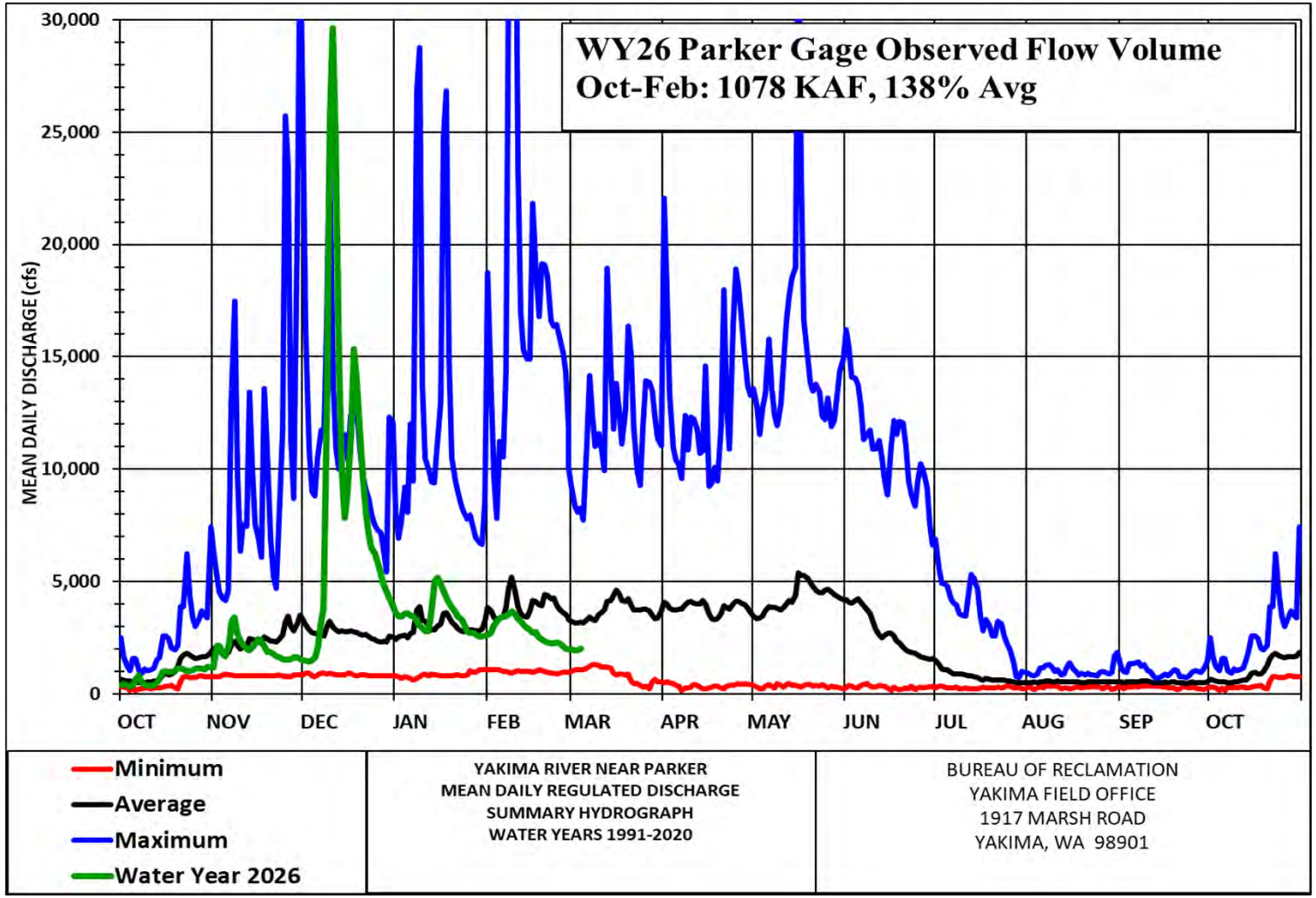
Yakima River @ Parker Unregulated Hydrograph



https://www.usbr.gov/pn/hydromet/yakima/yakwebarcread.html

Provisional data subject to revision

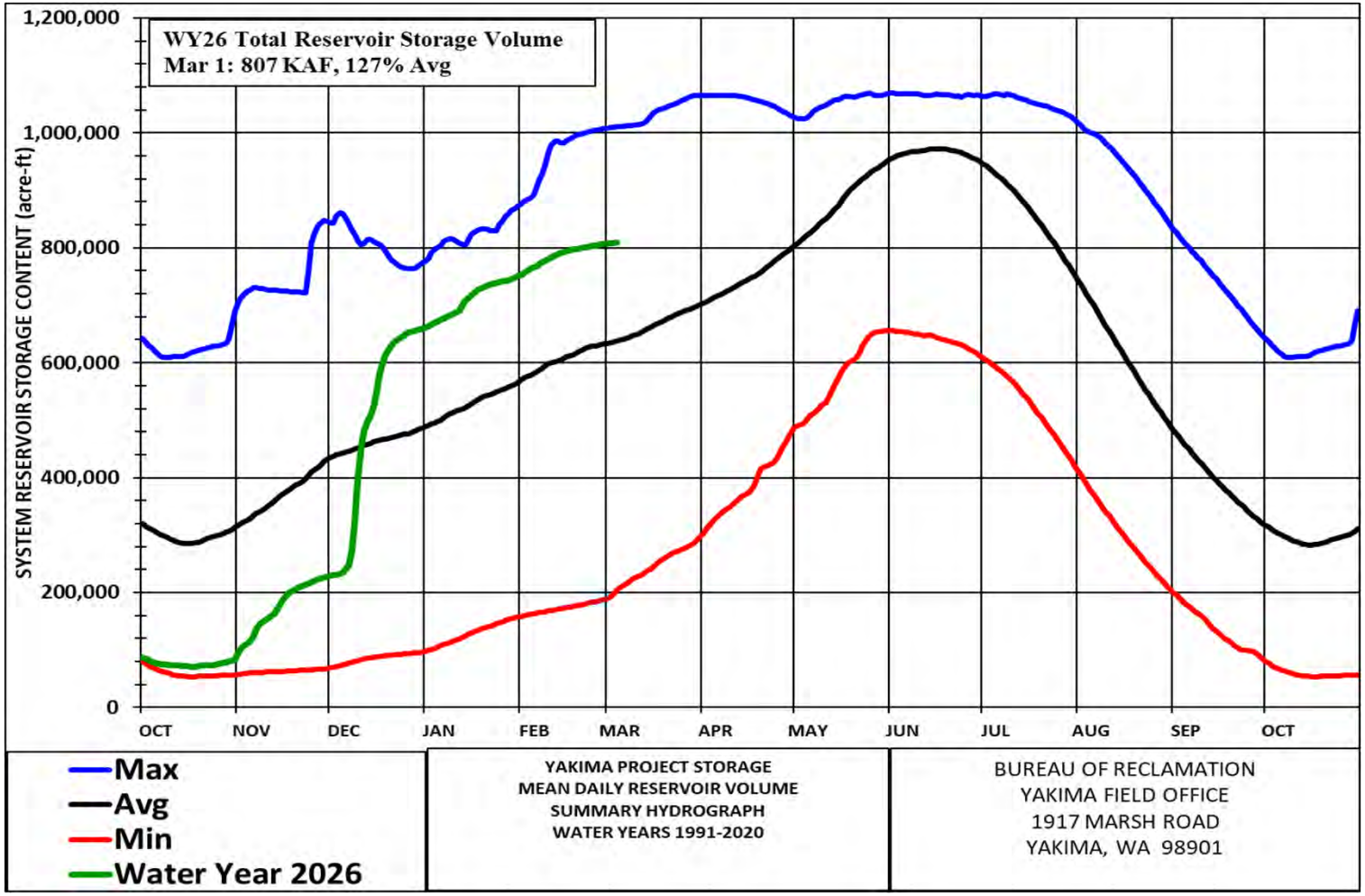
Yakima River @ Parker Observed Hydrograph



https://www.usbr.gov/pn/hydromet/yakima/yakwebarcread.html

Provisional data subject to revision

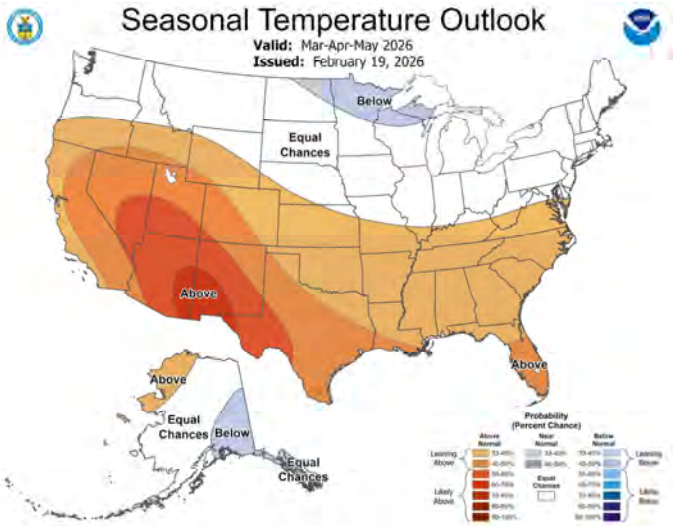
Yakima System Storage Hydrograph

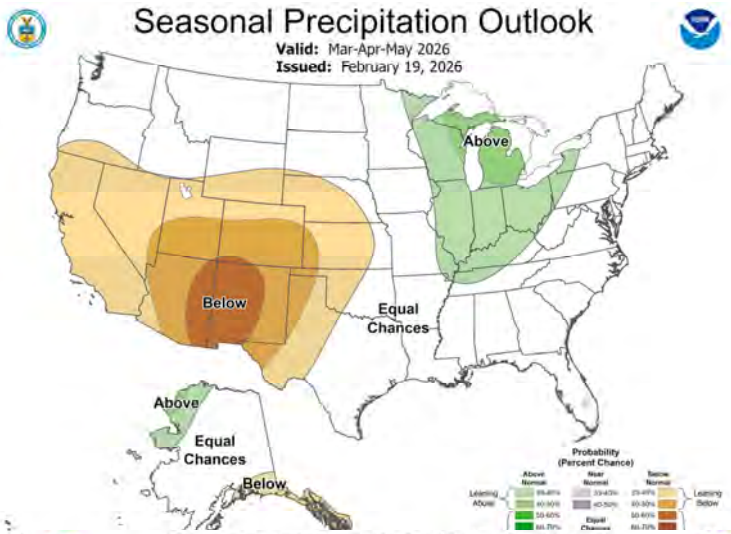


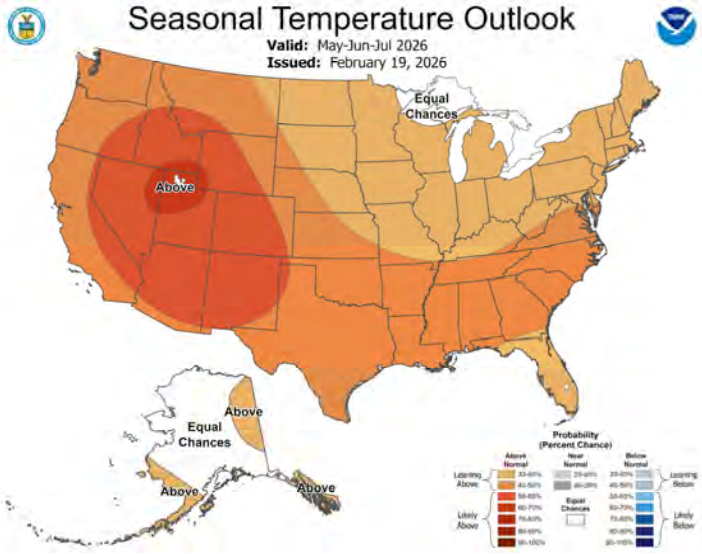
https://www.usbr.gov/pn/hydromet/yakima/yakwebarcread.html

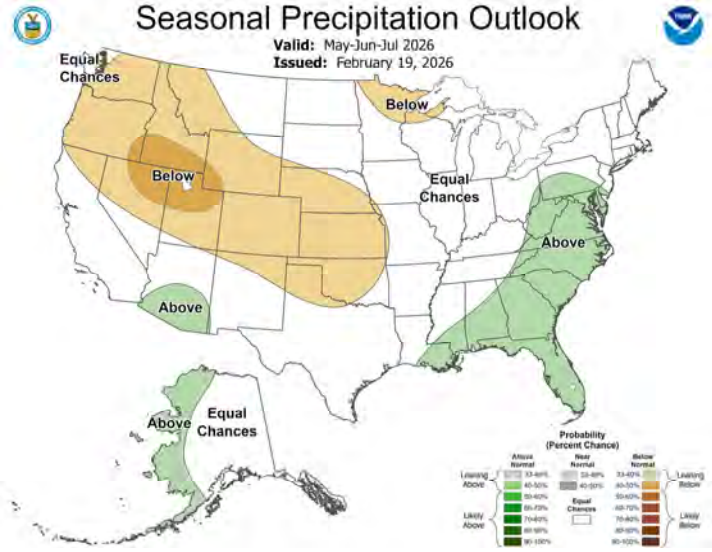
Provisional data subject to revision

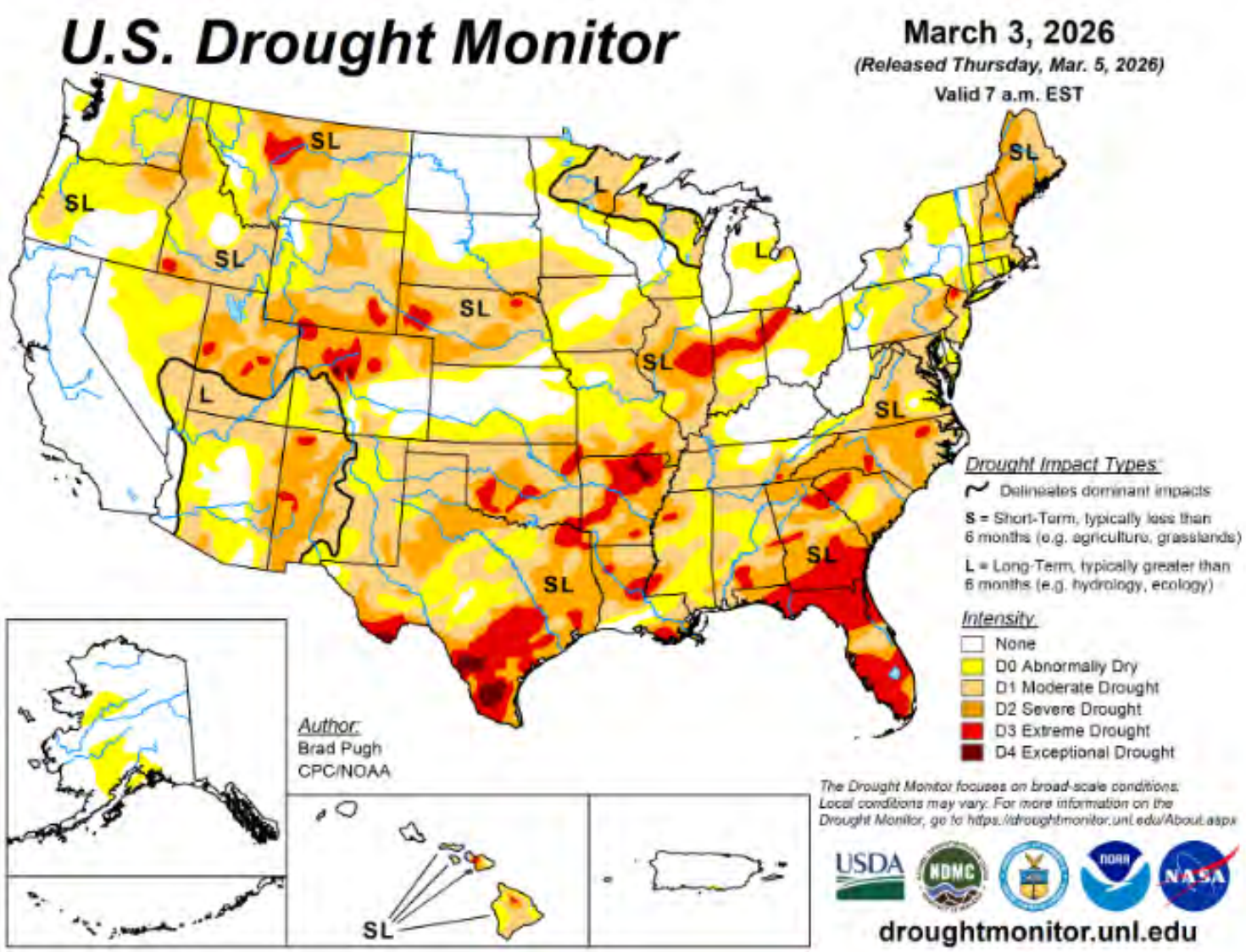
CPC 90-Day Forecasts



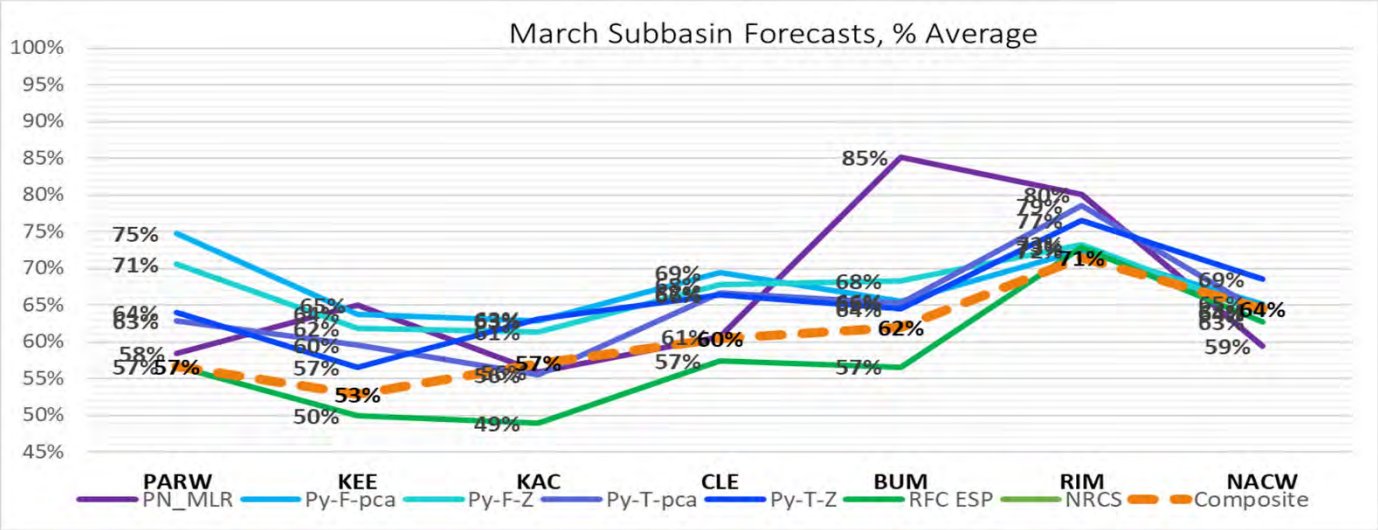







U.S. Drought Monitor
March 3, 2026
(Released Thursday, Mar. 5, 2026)
Valid 7 a.m. EST
SL
L
Drought Impact Types:
Delineates dominant impacts
S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)
L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)
Intensity:
None
D0 Abnormally Dry
D1 Moderate Drought
D2 Severe Drought
D3 Extreme Drought
D4 Exceptional Drought
Author:
Brad Pugh
CPC/NOAA
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to https://droughtmonitor.unl.edu/About.aspx
USDA
NDMC
NOAA
NASA
droughtmonitor.unl.edu

Water Supply Sub-Basin Forecasts WY26



Yakima Basin Forecast MAR-JUL 2026 (KAF) (% of 30-year Ave)						
3/1/2026	Low	Composite	High	Low	Composite	High
PARW	751	1,150	1,442	37%	57%	71%
KEE	63	73	109	45%	53%	79%
KAC	44	70	95	36%	57%	78%
CLE	193	260	349	45%	60%	81%
BUM	70	80	111	54%	62%	86%
RIM	131	155	200	60%	71%	92%
NACW	300	545	700	35%	64%	83%

*Composite (Normal Subsequent Conditions)
*Low (50% Normal Subsequent Conditions)
*High (150% Normal Subsequent Conditions)
*POR 1991-2020

Provisional data subject to revision

WY26 Water Supply Forecast

Early-Bird March's April 1, 2026 TWSA ESTIMATE April 1 - September 30				
Parameter*	**+/-/=**	**Low**	**Adopted**	**High**
Apr 1-Sep 30 Natural Flow at Parker est.	+	642	760	1031
Return Flow Estimate, est	+	250	270	300
April 1, Reservoir Content, est	+	835	873	890
TWSA	=	**1727**	**1903**	**2221**
SEP 30 EST RESERVOIR CONTENT	-	76	76	76
FLOW OVER SUNNYSIDE DAM	-	191	200	230
TWSA FOR IRRIGATION	=	1460	1627	1915
NONPRORATABLE ENTITLEMENT	-	1070	1070	1070
YRPW-KID release		6	6	6
REMAINING TWSA	=	384	551	839
PRORATABLE ENTITLEMENT		1239	1239	1239
% RATIO= REMAINING TWSA/PRORATABLE ENTITLEMENT		**31%**	**44%**	**68%**
TITLE XII FLOW TARGET, cfs	**April**	**300**	**300**	**300**
Added flow available, cfs *#*		tbd	106	tbd
*Values are in 1,000 ac-ft unless otherwise specified.				
# State & YRBWEP Trust, Acquisition, & Conservation additions to Title XII				

Water Supply Summary

- March Storage 806 kaf, 76% capacity, 127% of Avg.
- Oct-Feb precip 107% avg.
- Yakima Basin SWE 33% avg.

- Early-bird TWSA forecast April-Sept
  - 100% for senior users
  - 44% for junior users
- Title XII targets on the low end, 300 cfs

- Need more snow

BUREAU OF RECLAMATION

Next YFO Water Supply Update Meetings…

April 9, 2026 @ 10:30 am

May 7, 2026 @ 10:30 am

June 4, 2026 @ 10:30 am

Cle Elum Pool Raise

Project Update

YAKIMA BASIN
BUILDING A FUTURE FOR WATER, WILDLIFE & WORKING LANDS

BUREAU OF RECLAMATION

DEPARTMENT OF ECOLOGY
State of Washington

Current Status

- **Completed work**
  - Radial Gates Modification
  - Saddle Dikes 1, 2 & 3
  - Cle Elum River Campground
  - Speelyi Beach Day Use Area
  - Salmon La Sac Road embankment areas
  - Wish Poosh Campground & Boat Launch
  - Night Sky
  - Morgan Creek
  - Domerie Bay
  - Jackson Well
  - Timber Cove
- **Work In-progress**
  - Sandelin Lane Shoreline
- **Remaining shoreline protection work**
  - Speelyi Beach

BUREAU OF RECLAMATION

DEPARTMENT OF ECOLOGY
State of Washington

Jackson Well / Spring Box

Spring Box (Before)

Spring Box (After)

— BUREAU OF — RECLAMATION

DEPARTMENT OF ECOLOGY State of Washington

Timber Cove Shoreline Protection Project

Lot 1 land acquisition

Revetment

BUREAU OF RECLAMATION

DEPARTMENT OF ECOLOGY State of Washington

Sandelin Shoreline Protection Project

Revetment #1

Revetment #2

BUREAU OF RECLAMATION

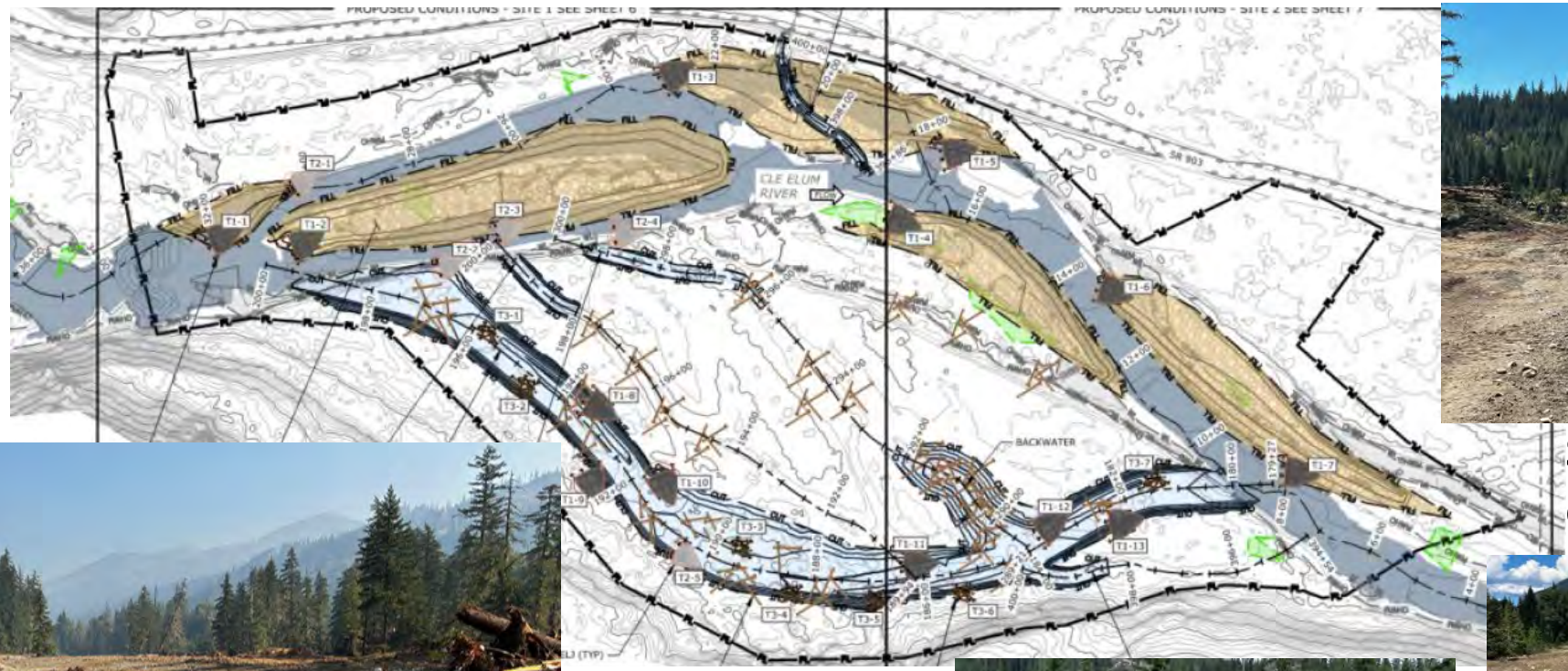
DEPARTMENT OF ECOLOGY State of Washington

Speelyi Shoreline Protection Project

Tree Harvest to support Upper Reach Cle Elum River Aquatic Restoration

BUREAU OF RECLAMATION
DEPARTMENT OF ECOLOGY State of Washington

Upper Reach Cle Elum River Aquatic Restoration



Side channel excavation

Constructed Side channel

Increased roughness

Gravel augmentation

BUREAU OF RECLAMATION

DEPARTMENT OF ECOLOGY State of Washington

Upper Yakima System Storage

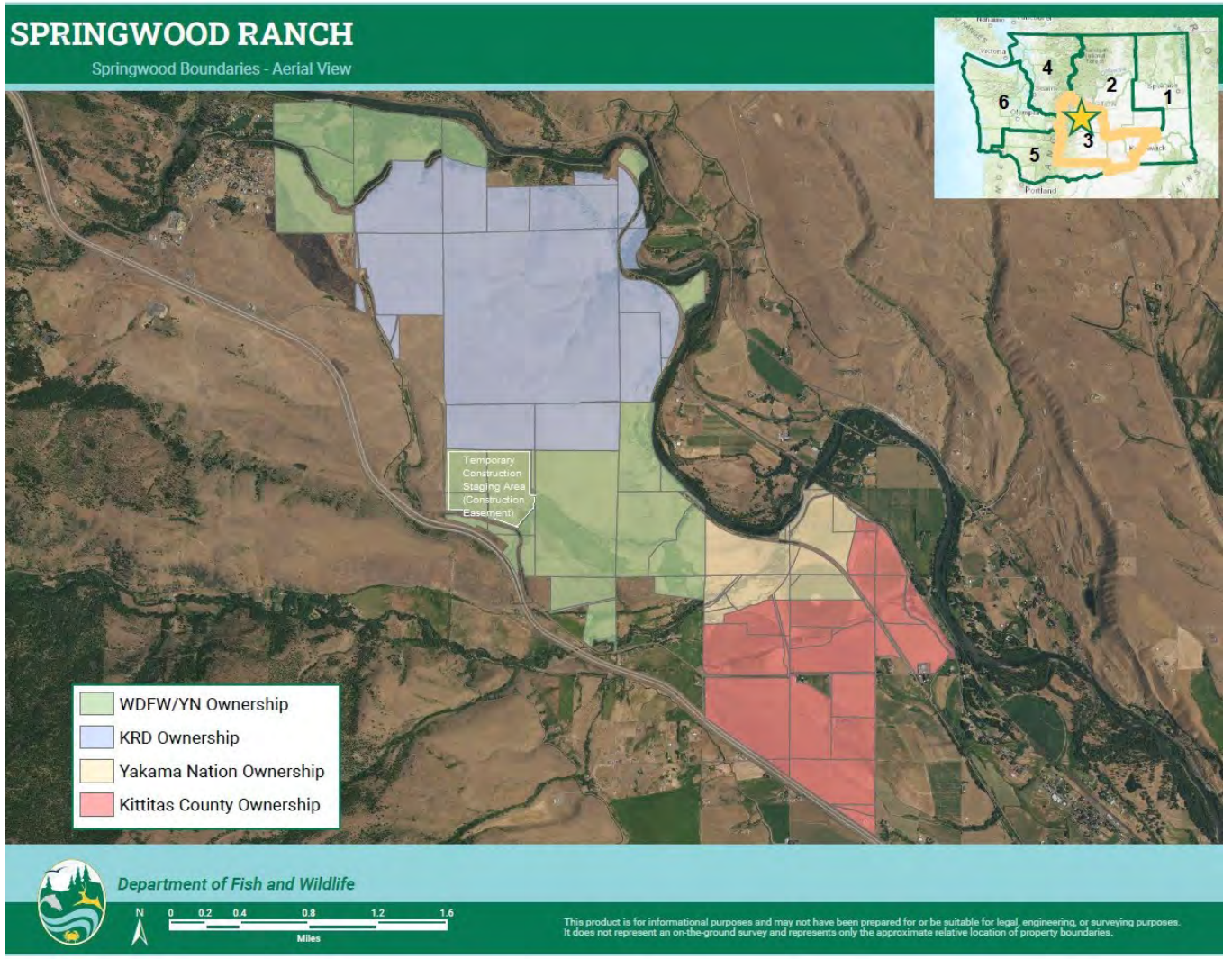
Urban Eberhart, Kittitas Reclamation District

YRBWEP Workgroup Meeting – March 11, 2026

Upper Yakima Basin Storage

Springwood Reservoir

- Purchased by Trust for Public Lands, March 2023.
- Approximately 3600 acres.
- Transferred ownership, Oct 24.
  - Yakama Nation
  - WDFW
  - Kittitas Reclamation District
  - Kittitas County



UPPER YAKIMA SYSTEM STORAGE

SPRINGWOOD RESERVOIR

FIGURE 1. SPRINGWOOD SITE (2,175 FEET WSE)

Springwood Reservoir
Upper Yakima System Storage

- Reservoir Footprint
- Maximum Dam Footprint
- Existing Road
- Proposed Road
- KRD Structure
- KRD Canal

0 1,000 2,000
Feet

Jacobs

Data Sources: Kittitas County, KRD, USGS, WSDOT
Basemap Source: Bing © 2023 Microsoft Corporation
Map Date: April 18, 2024

Feasibility Study - Update

- Geotechnical Phase 1
  - Completed 2025
- Geotechnical Phase 2
  - April – November 2026
- 50%/50% cost share State/Federal

Geotech core samples

Geotech drilling at Springwood, Fall 2025
Photo by Jacobs Engineering

YAKIMA BASIN INTEGRATED PLAN

Protecting water for our farms, fish, and communities

Roza Dam Fish Screens: 5x5 Update

Scott Revell, Roza Irrigation District

YRBWEP Workgroup

March 11, 2026

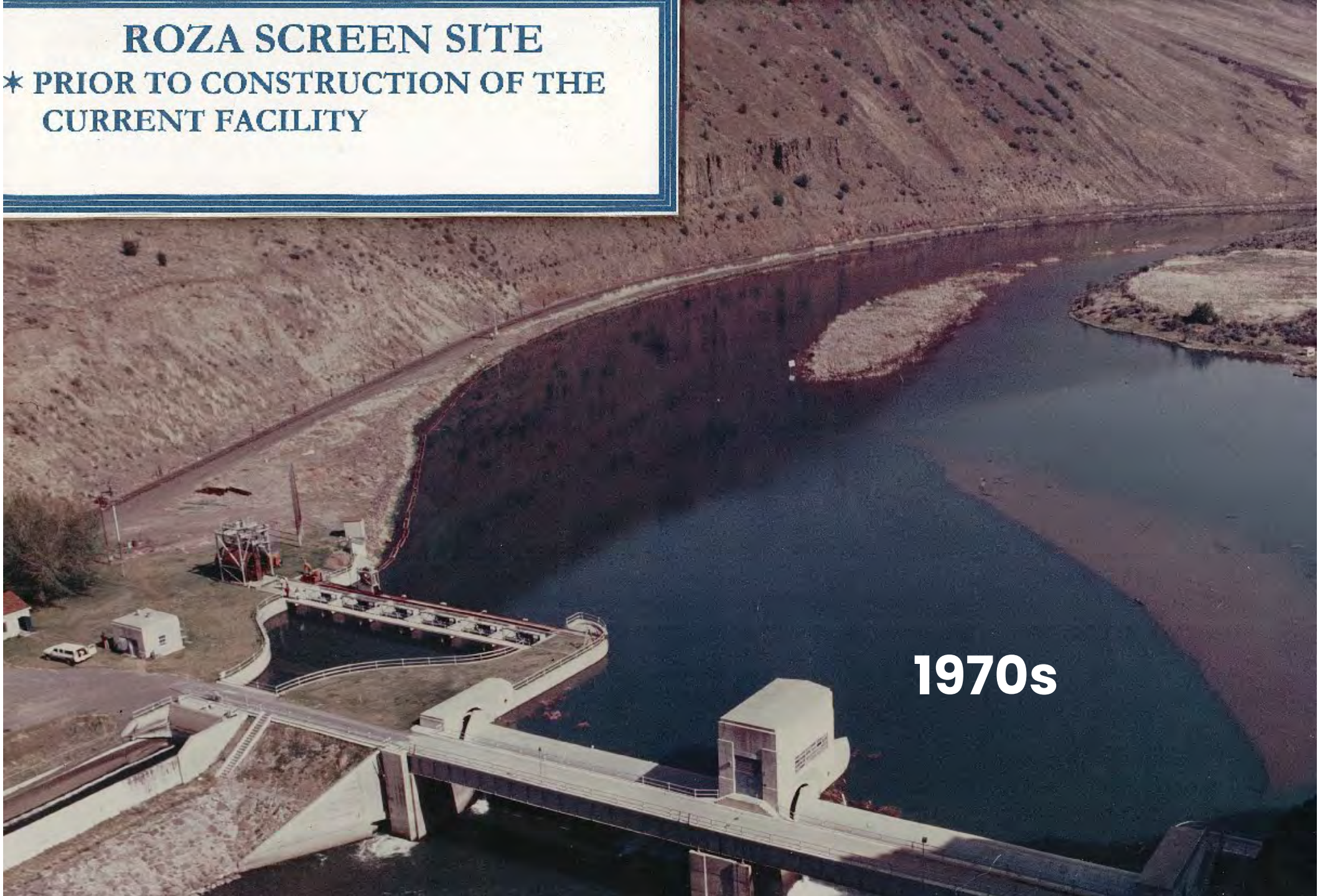
Before the Roza Dam...

X01 Diversion dam site, looking east from station 1 + 00 on axis of dam. R
. Klingensmith. 8/28/1938.

B-119 General view of diversion dam from the top of the cliff at the east end of the da
to by E. C. Keeler. 10/7/1939.

ROZA SCREEN SITE

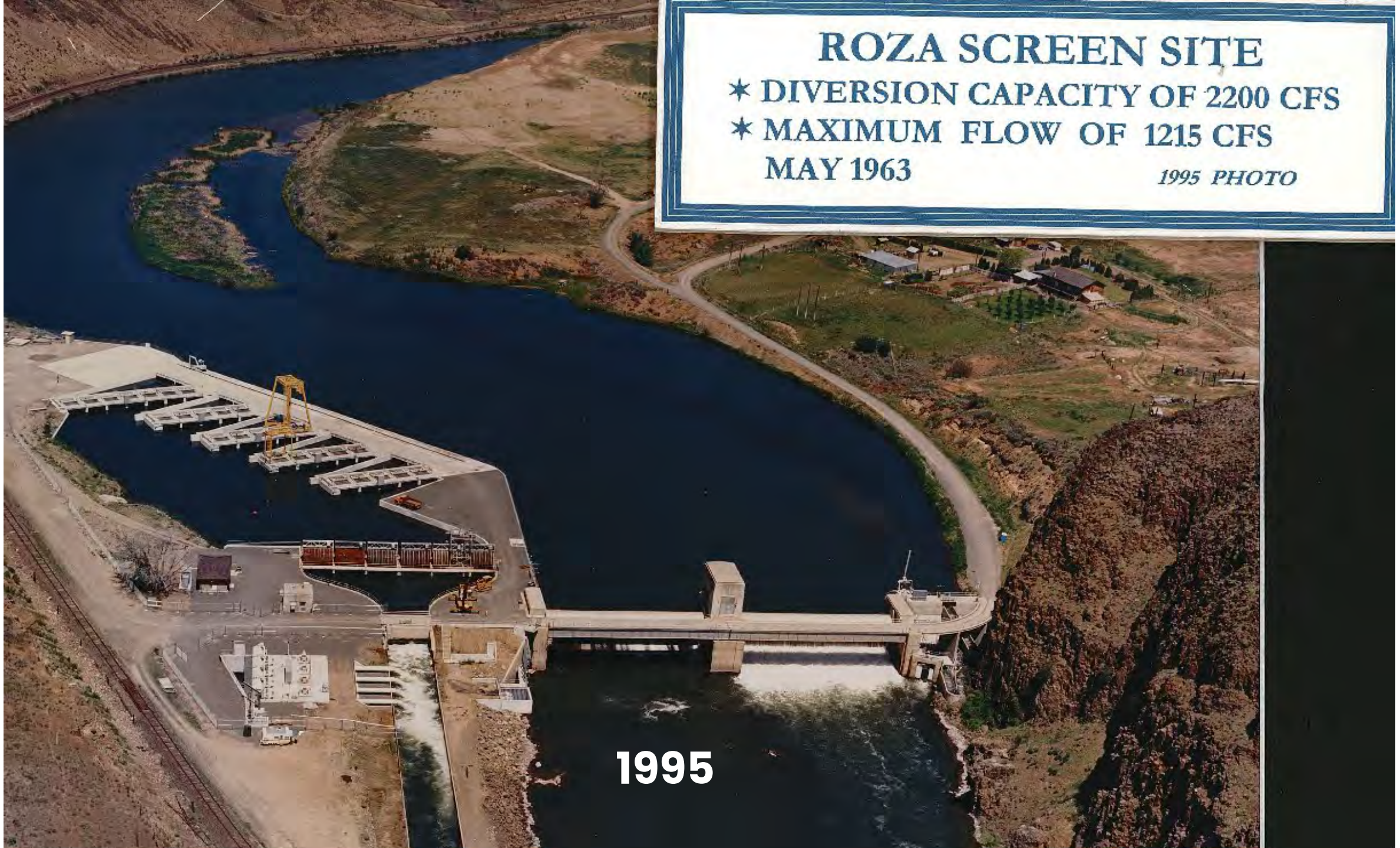
* PRIOR TO CONSTRUCTION OF THE CURRENT FACILITY



ROZA SCREEN SITE

* DIVERSION CAPACITY OF 2200 CFS
* MAXIMUM FLOW OF 1215 CFS
MAY 1963

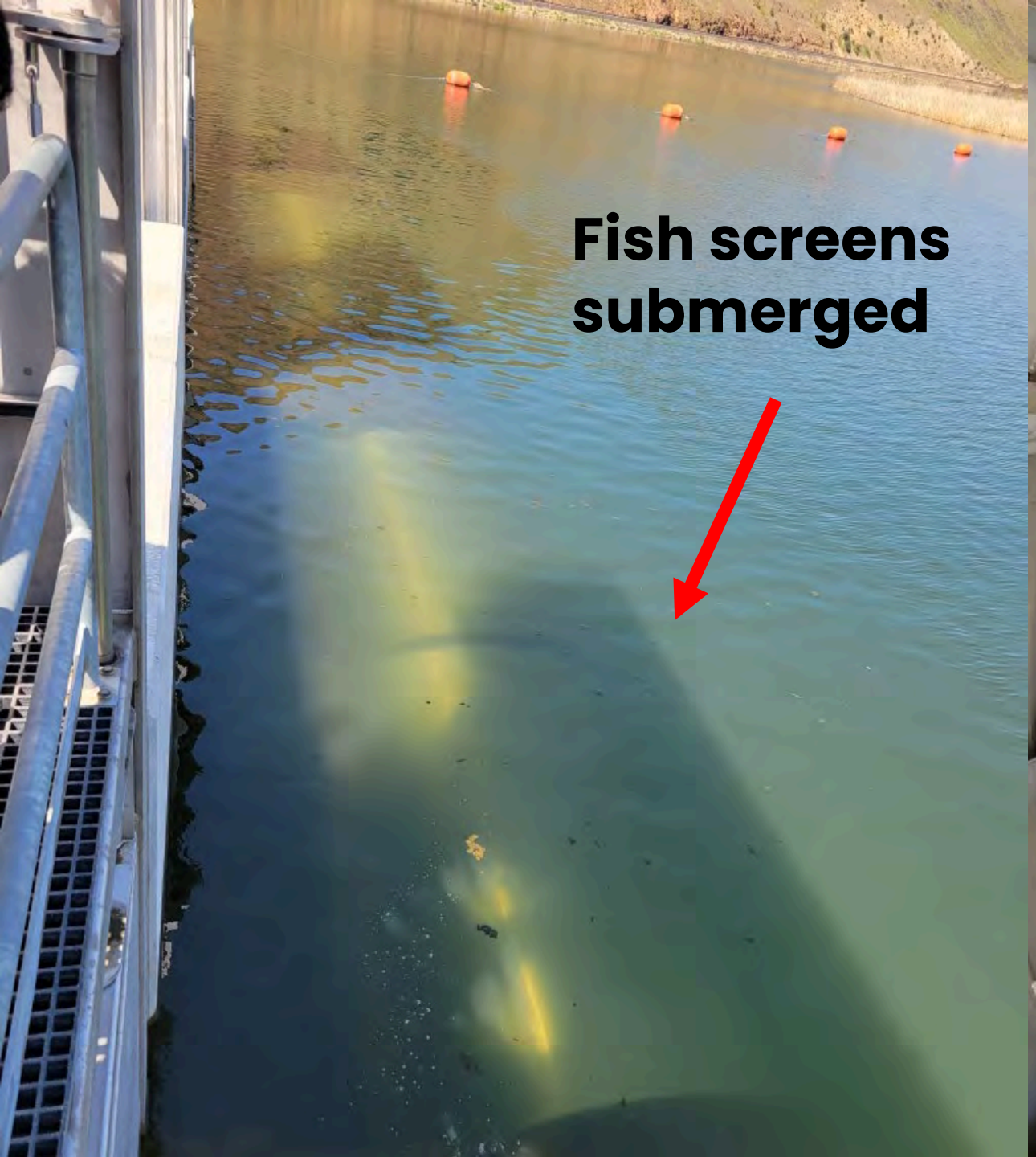
1995 PHOTO




1990s


2024

New fish screens (out of the water)


Fish screens
submerged

March 2025
Downriver view

March 2025
View Up River

Fish screens Complete!


ISI Intake Screens, Inc.
2
3
Atlas Copco
XAS 97
185 CFM

Sunnyside Division Board of Control

Advancing water conservation in the Yakima Basin through strategic infrastructure upgrades

DEPARTMENT OF ECOLOGY
State of Washington

SVID
SUNNYSIDE VALLEY
IRRIGATION DISTRICT

BUREAU OF
RECLAMATION

Sunnyside Division

- 94,000 acres with approximately 10,000 acres south of the Yakima River
- Sunnyside Valley Irrigation District is a member of the Sunnyside Division and makes up 95%
  - The other 5% is made of 5 cities and two private ditch companies.
- 5th largest irrigation district in WA
- The district is 69% non-proratable and 31% proratable.

Water Conservation

Funded by the 1994 Yakima River Basin Water Enhancement Project Act (YRBWEP)

Objective

Improve water conservation, increase efficiency, and support sustainable agricultural practices throughout the region.

- Voluntary Program with 2/3 of saved water devoted to in-stream flow purposes.
- Working in partnership with United States Bureau of Reclamation and Washington State Department of Ecology
- Multiple Benefits of conservation include, more efficient use of the water supply, water quality, and improved fishery benefits

BUREAU OF RECLAMATION

SUNNYSIDE VALLEY IRRIGATION DISTRICT

DEPARTMENT OF ECOLOGY State of Washington

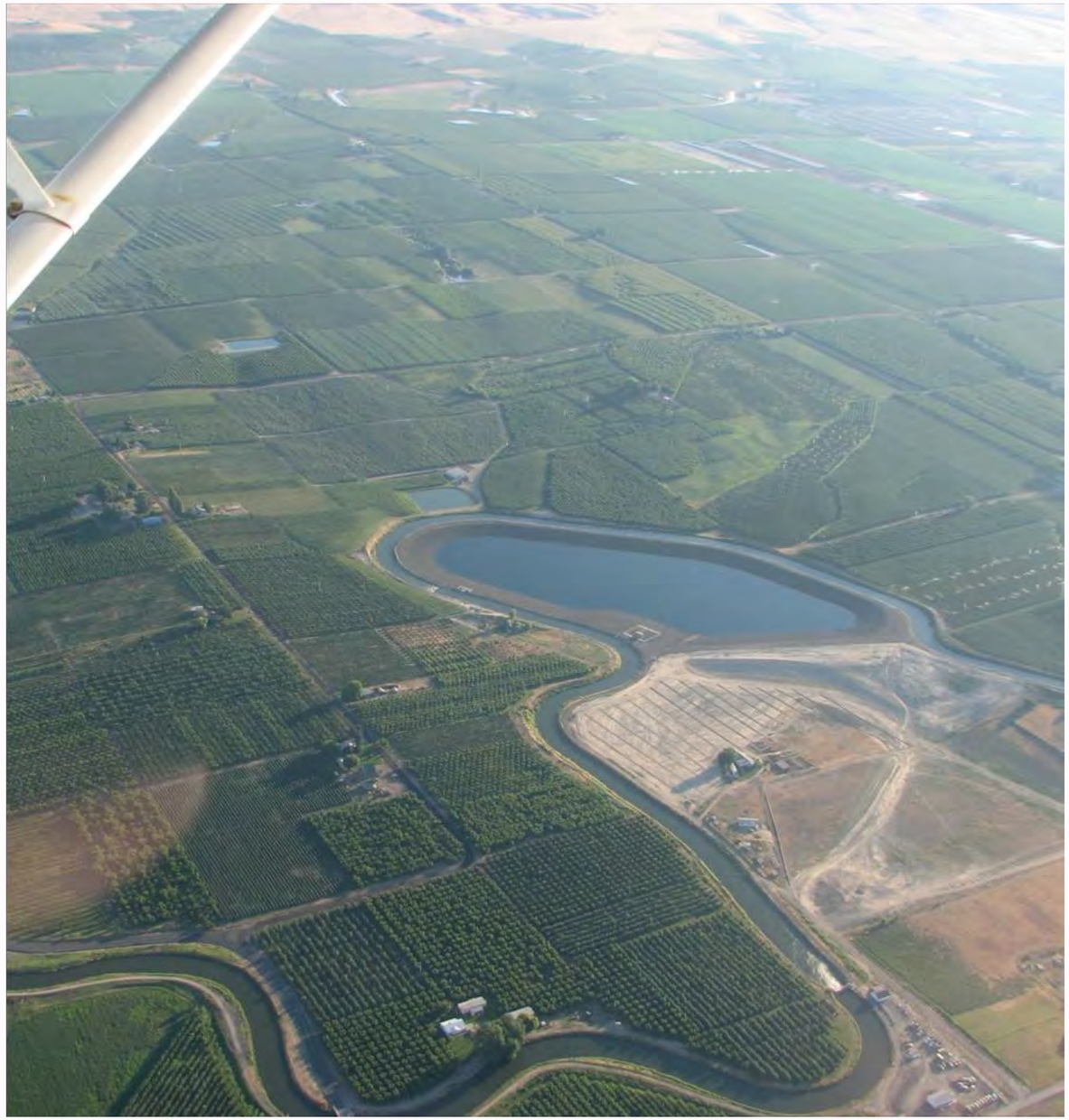
Sunnyside Canal Improvement Project (SCIP)

- Installed 30 fully automated check structures
- Constructed 3 re-regulation reservoirs
- Deployed Supervisory Control and Data Acquisition (SCADA) system
- Installed 3 repeater radio towers to support communications

Before Automation

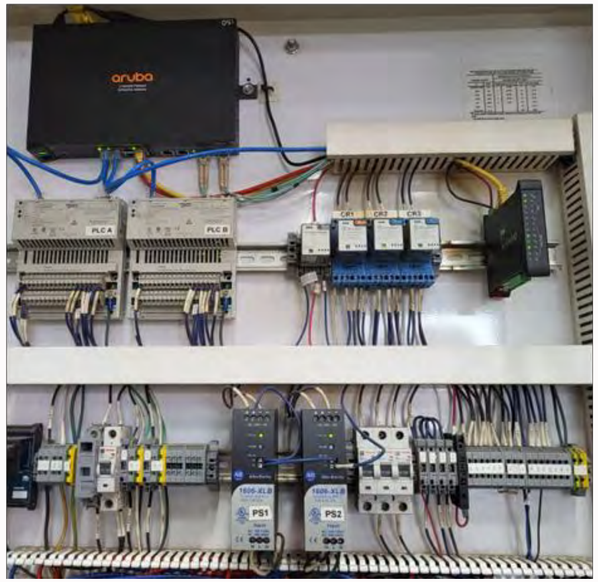
After Automation

Main canal automation



Construction of re-regulation reservoirs

SCADA and Communication Improvements



Enclosed Lateral Improvements Project (ELIPS)

- Enclosed 125 miles of open canals with pipe (ranging from 4in to 78in)
- Reduced seepage and evaporation losses
- Enabled on-demand water delivery
- Installed 2,300 flow meters for precise usage tracking
- Served over 27,000 acres of farmland
- Enabled farmers to adopt precision irrigation and water-saving practices

HDPE Pipe installation

Enclosing open canals

Flow Meter installation for precise tracking

Lateral Piping projects

CONSERVATION IMPOVEMENTS

Conservation Results (2003-2025)

Significant progress has been achieved, with over **38,000 acre-feet of water conserved** to support in-stream flows and fish habitat. This conserved water directly enhances fish habitat and stream ecology. The average federal cost per acre-foot for these conservation efforts is $2,053.

125

MILES
OF PIPE ENCLOSED

27,832

ACRES
ENCLOSED

38,737 AF

CONSERVED WATER
FOR IN-STREAM FLOWS

$2,053

AVERAGE COST PER
AC-FT

Looking towards 2026

4th Drought Year in a row

- The Yakima basin has never experienced four consecutive drought years before.

Continued Conservation

- Lateral Piping projects planned through 2043.
- Lining approximately one mile of open canals each year.

SVID Leases water for instream pulse flows

- Successful fallowing program in 2025 has been expanded in 2026.
- Working in partnership with Trout Unlimited and the Department of Ecology.
- 2000AF leased in 2025
- 5000AF-8000AF to be leased in 2026

SUNNYSIDE VALLEY
IRRIGATION DISTRICT

David Felman

509-837-6980

felmand@svid.org

www.svid.org

120 South 11th Street,
Sunnyside, WA, 98944

QUESTIONS?

The YBIP family thanks you!

Wendy Christensen

The following pages are decorative photos capturing Wendy Christensen and her years of service to this project since she retired last year. They have all been marked as decorative

YAKIMA BASIN

BUILDING A FUTURE FOR WATER, WILDLIFE & WORKING LANDS


WENDY
ECOLOGY


Yakima River


VISITOR


FISH PASSAGE FACILITY
GATE CHAMBER

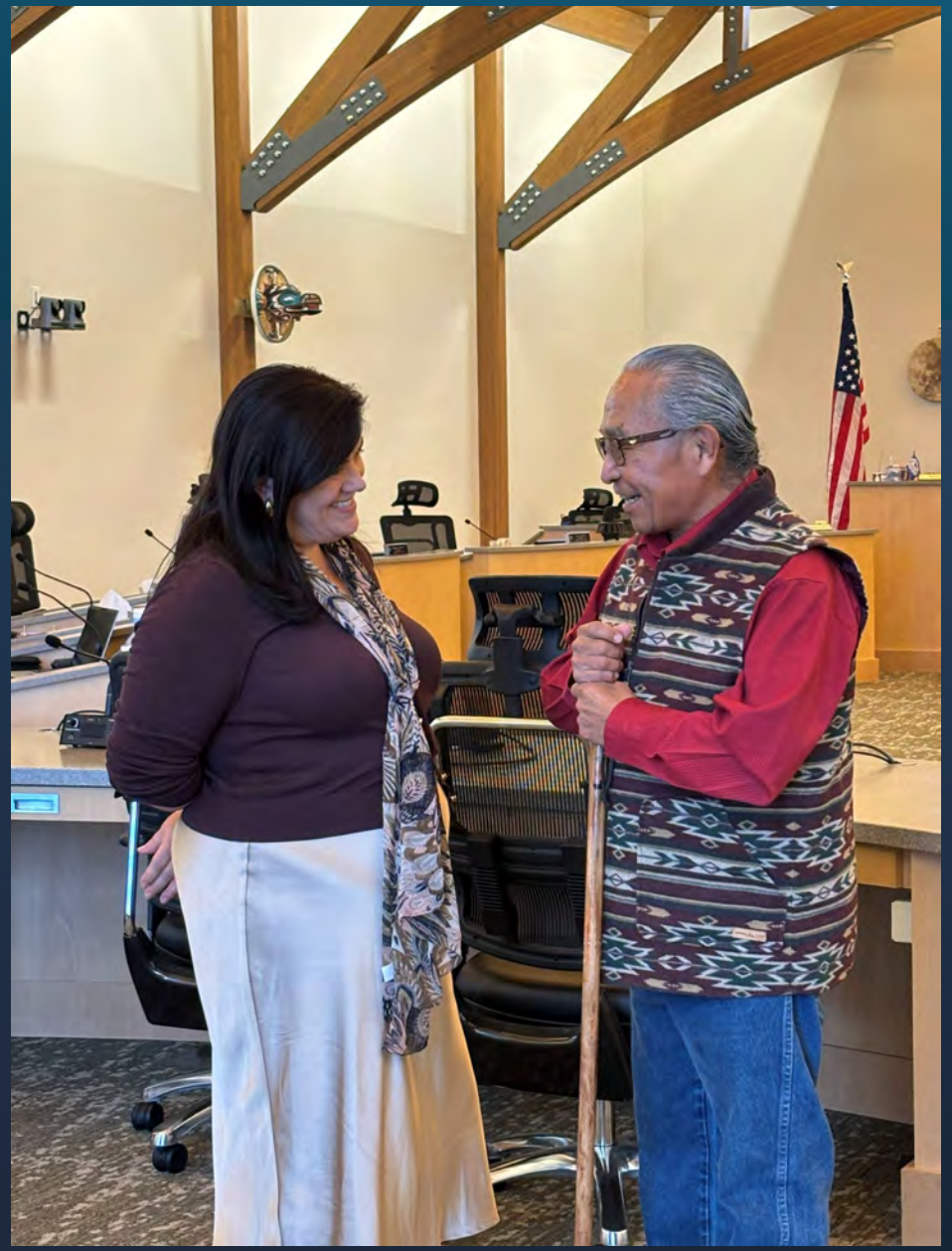

Treat
EVERY
DAY
in my classroom
as if it is the
WORLD of
WORK
Wendy
Christensen
YAKIMA RIVER BASIN INTEGRATED WATER RESOURCE MANAGEMENT PLAN
PROCESS MAP
Previous Planning Studies
Purpose / Need / Objectives
Problem Definition
Preliminary Integrated
Management Plan
YRBWEP
Workgroup
Yakima River Basin Study
Evaluate Alternatives
Analyze/Validate Preliminary Integrated
Water Management Plan
Final Integrated Management
Plan Recommendations
Yakima River Basin Study Report
Programmatic EIS
Framework for
Implementation
Implementation
ECOLOGY
RECLAMATION
Managing Water in the West
Wendy
Christensen


RECLAMATION
WENDY


Cle Elum Dam Fish Passage
Juvenile Fish Passage
Dam
Spillway
Adult Fish Collection Facility
Juvenile Fish Passage Ramps Intakes
Cle Elum Reservoir
Juvenile Fish Passage Helix
Underground View
Intake Ramps
Passage Tunnel to Cle Elum River
Helix
Cle Elum Dam Fish Passage
Adult Fish Passage
Adult Fish Collection Facility
Wendy Christensen
Larri Lee


BUILDING A FUTURE FOR WATER, WILDLIFE AND WORKING LANDS


Jr. Miss Yakama
September 1st, 2022




2:00


Tom Tebb
2024 RECIPIENT
Water Resources
Leadership Award
Presented by
WASHINGTON STATE
WATER RESOURCES ASSOCIATION


ECOLOGY
WENDY
Pac-Van
800.547.1050


WATER
MORE TH
96,000 J
DEPEND ON
IN THE YAKIMA


WENDY
ECOLOGY
carhartt


G A FUTURE FOR WATER,
E AND WORKING LANDS
IN INTEGRATED WATER RESOURCE MANAGEMENT PLA
Habitat/Watershed Protection & Enhancement
1. Protect ~70,000 acres of land by acquiring high elevation portions of the watershed and forest and shrub steppe habitat.
aluate potential wilderness
and wild and scenic river
nations to protect streams and
habitat enhancement
to address reach-level
restoration priorities and
ess to key tributaries.
Market Reallocation
Employ a water market and/or a water bank to improve water sup
in the Yakima River basin. M
reallocation would be cond
two phases:
The near-term phase would c
tinue existing water marketing
banking programs in the basin;
take additional steps to redu
riers to water transfers.
The long-term program w
on facilitating water tran
tween irrigation districts
allow an irrigation district
land within the district and leas
water rights for that land outside
the district.
Market Reallocation Conducted Basin-Wide
van López
of Reclamation
RECLAMATIO


$112,000
CA$H
6pm $4,000
7pm $6,000
8pm $8,000