



Section 8; April 20 (Monday) 3:30 pm – 5:15 pm

News from the Klamath Basin

Moderator: Yung-Hsin Sun, Ph.D., PE, BC.WRE, Sunzi Consulting
sun.yunghsin@sunziconsulting.com



Klamath Falls, (Credit: Yung-Hsin Sun)



A piece of Copco 1 (Credit: Yung-Hsin Sun)

Western Emigrant Trails

1820-1870

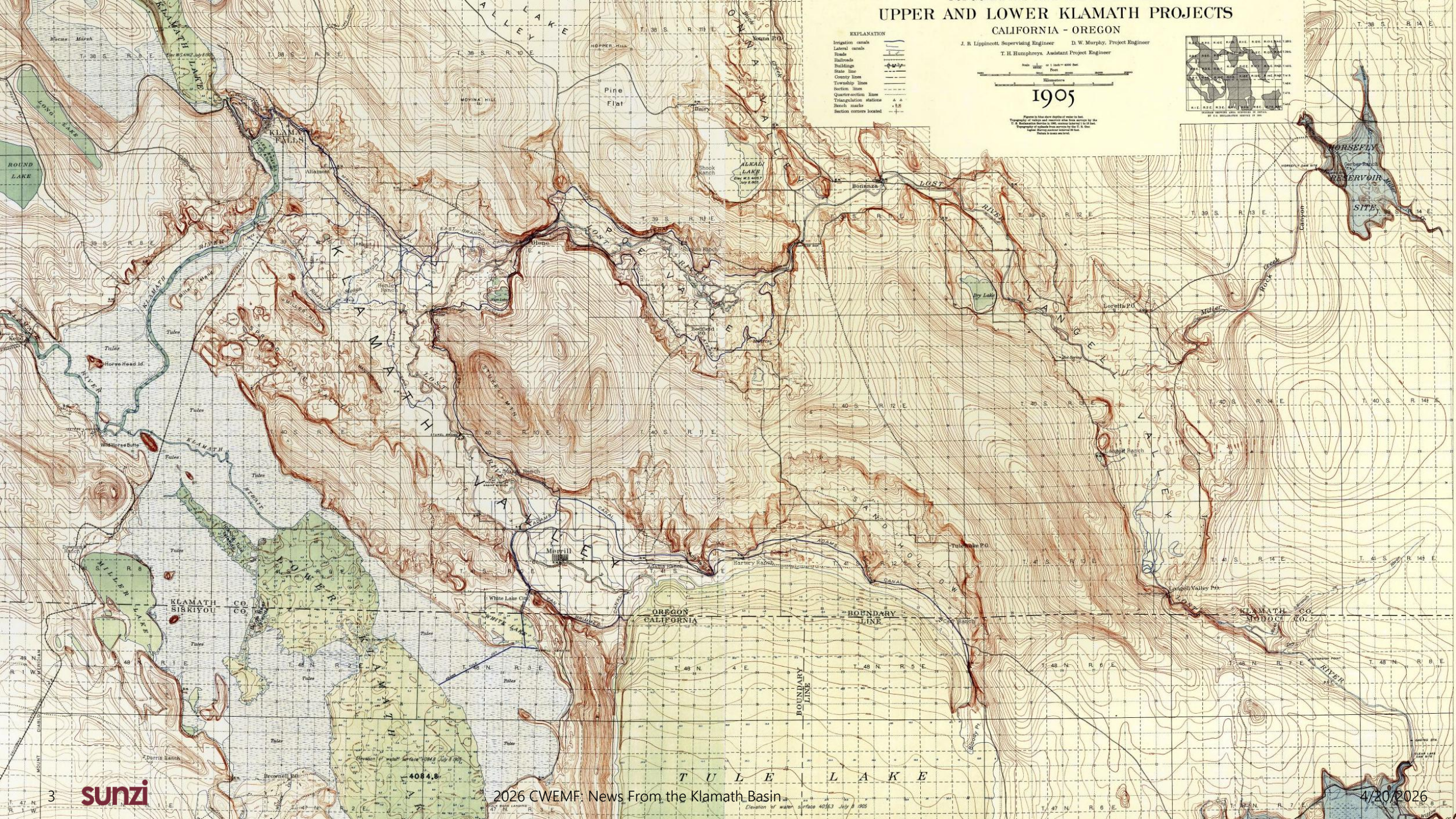
Historic Trails, Cutoffs, and Alternates

1999 Edition

published by the
WESTERN EMIGRANT TRAILS
RESEARCH CENTER

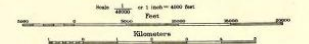
Oregon to California Trail (1830s), pack trail between the Willamette Valley area and the Sacramento area via the Sacramento Valley. Primarily used for commercial purposes until 1848 when its use by emigrants increased.





- EXPLANATION
- Irrigation canals
 - Lateral canals
 - Roads
 - Railroads
 - Buildings
 - State line
 - County lines
 - Township lines
 - Section lines
 - Quadrangle lines
 - Triangulation stations
 - Ditch marks
 - Section corners located

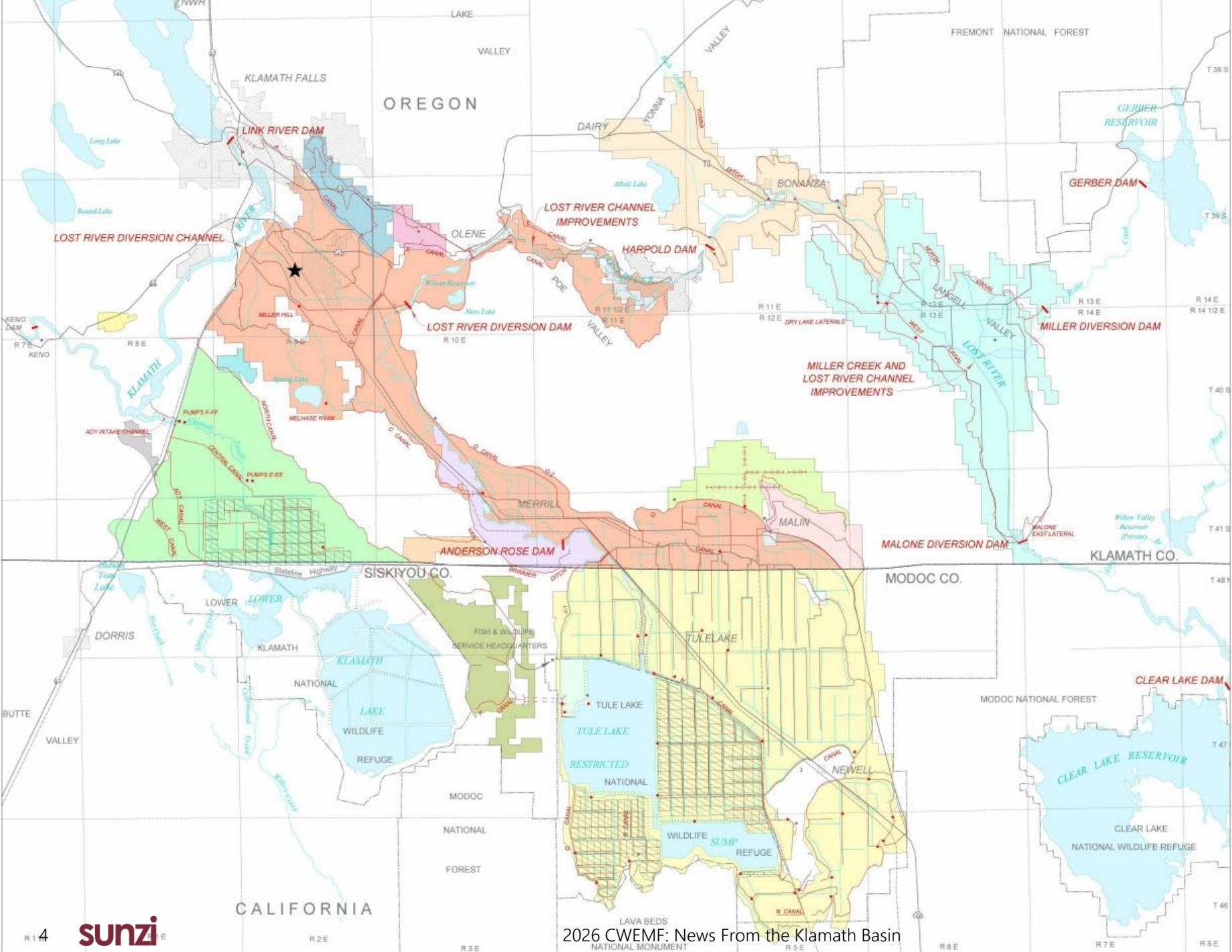
J. R. Lippincott, Supervising Engineer D. W. Murphy, Project Engineer
T. H. Humphreys, Assistant Project Engineer



1905

Figures in this show depths of water in feet.
Elevation of water surface 1905 July 8 1905
Elevation of water surface 1905 July 8 1905
Elevation of water surface 1905 July 8 1905
Elevation of water surface 1905 July 8 1905

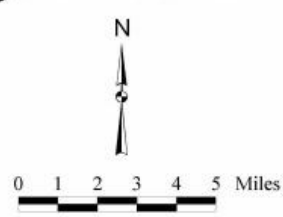




- FEATURES:**
- Hydrography
 - Canal
 - Drain
 - Dike
 - Tunnel
 - Flume
 - Siphon
 - Pipeline
 - Drop
 - Pumping Plant
 - Irrigation District Pumping Plant
 - Private Utility Powerplant
 - Project Headquarters
 - Project Land Lease Area
- MAJOR WATER DISTRICTS:**
- Ady Dist. Improv. Co.
 - Enterprise I.D.
 - Horsefly I.D.
 - Klamath Drain. Dist.
 - Klamath I.D.
 - Langell Valley I.D.
 - Malin I.D.
 - Midland Dist. Improv. Co.
 - P Canal Mutual Water Co.
 - Pine Grove I.D.
 - Pioneer Dist. Improv. Co.
 - Plevna Dist. Improv. Co.
 - Poe Valley Improv. Dist.
 - Shasta View I.D.
 - Sunnyside I.D.
 - Tulelake I.D.
 - Van Brimmer Ditch Co.
 - Westside Improv. Dist.

KLAMATH PROJECT

Oregon - California



Session Agenda

Disappearing Act of Water: Simulated changes in open water evaporation across Upper Klamath Basin as a result of agricultural development and reservoir impoundment
- Kristin Mikkelsen (USBR)

The Situation was Fluid: Modeling exchange flows between the Klamath River and pre-development Lower Klamath Lake
- Colin Byrne (USBR)

What Would the River Do: The question behind the Klamath River Basin Revised Natural Flow Study
- Caroline Ubung (USBR)

Managing the Unknown Unknown: The Klamath Project operations in the post-dam removal era in Water Year 2025
- Viktor Stromberg (USBR)

Integrated Surface-Water and Groundwater Modeling of the Shasta River Watershed
- Vivek Bedekar (SSP&A) and John Riverson (Ulteig)

Session Q&A (if time allows)

