



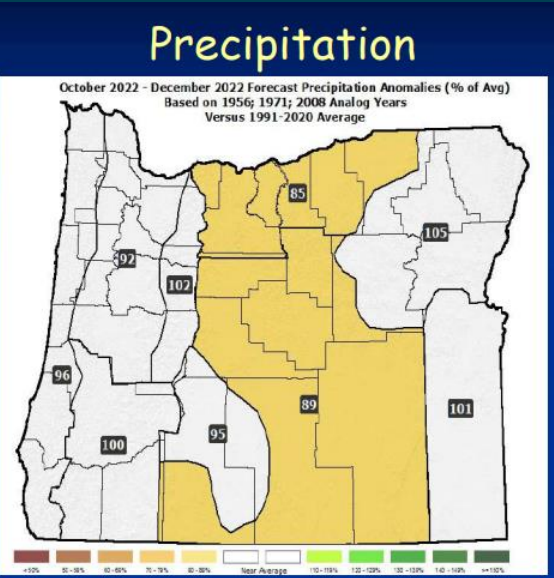
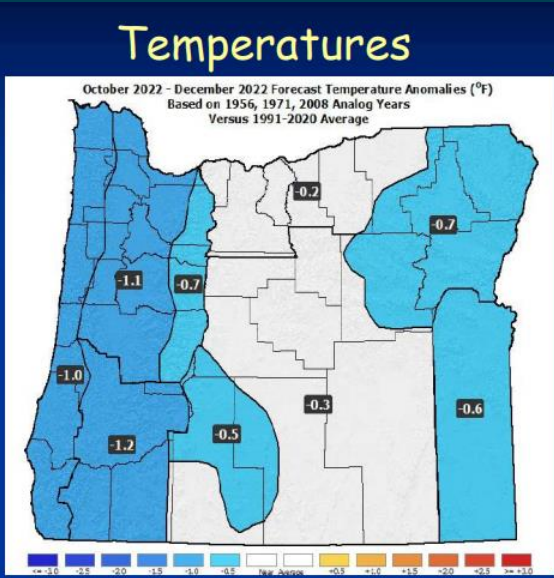
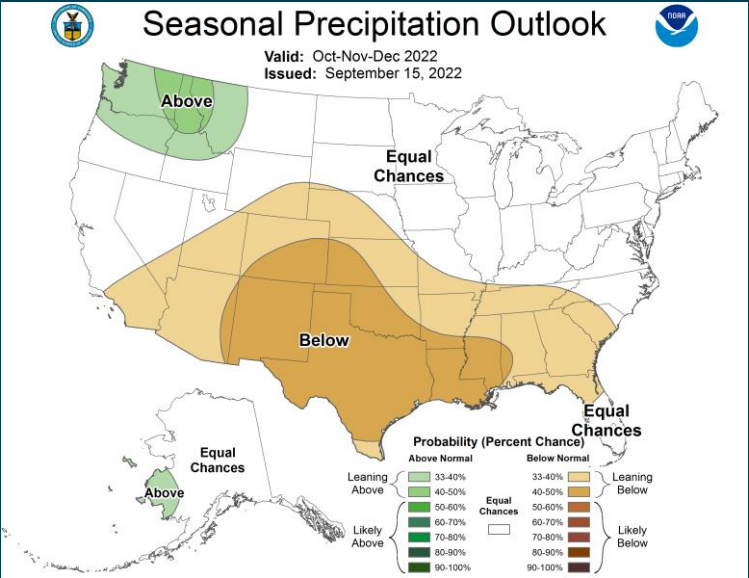
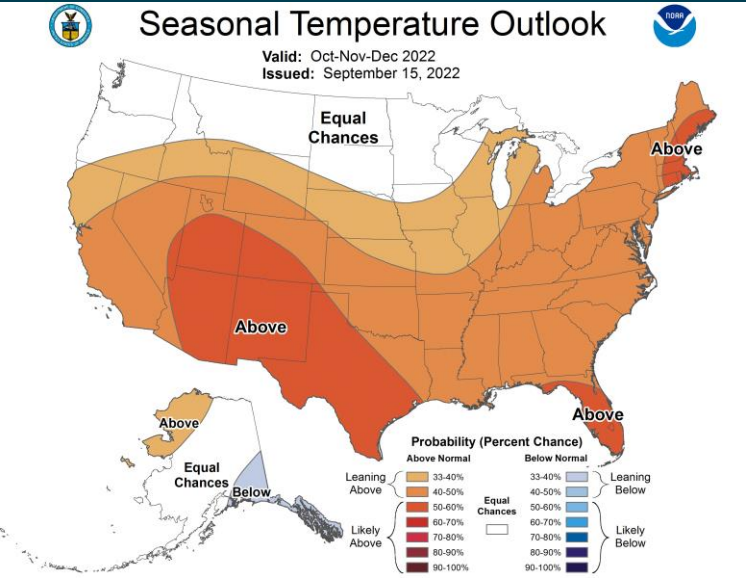
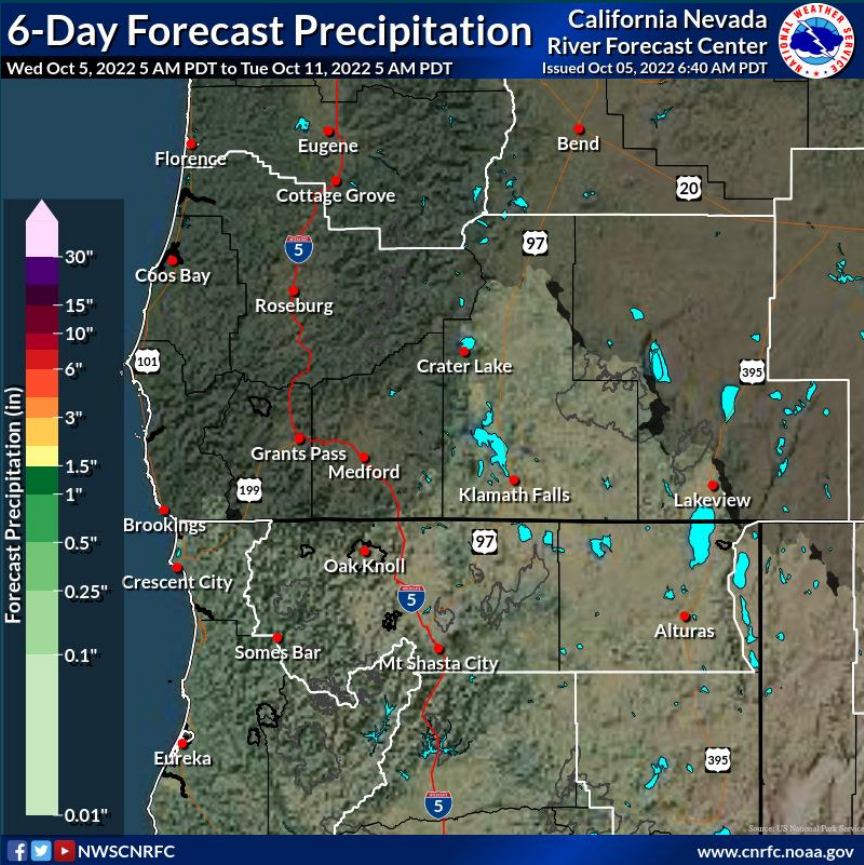
— BUREAU OF —
RECLAMATION

Klamath River Basin Hydrology and Operations Forecast Update

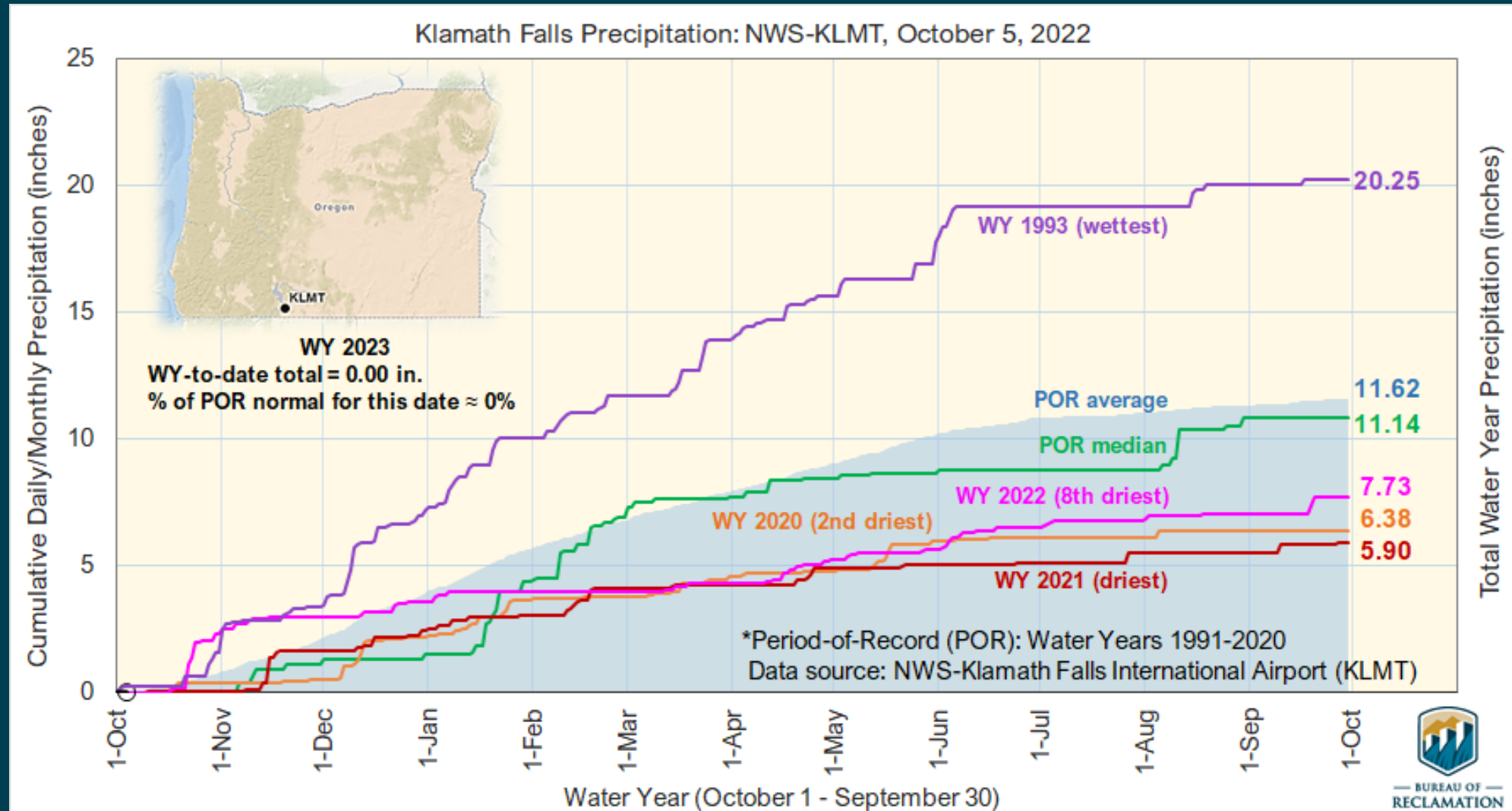
October 7, 2022

*updated October 28, 2022

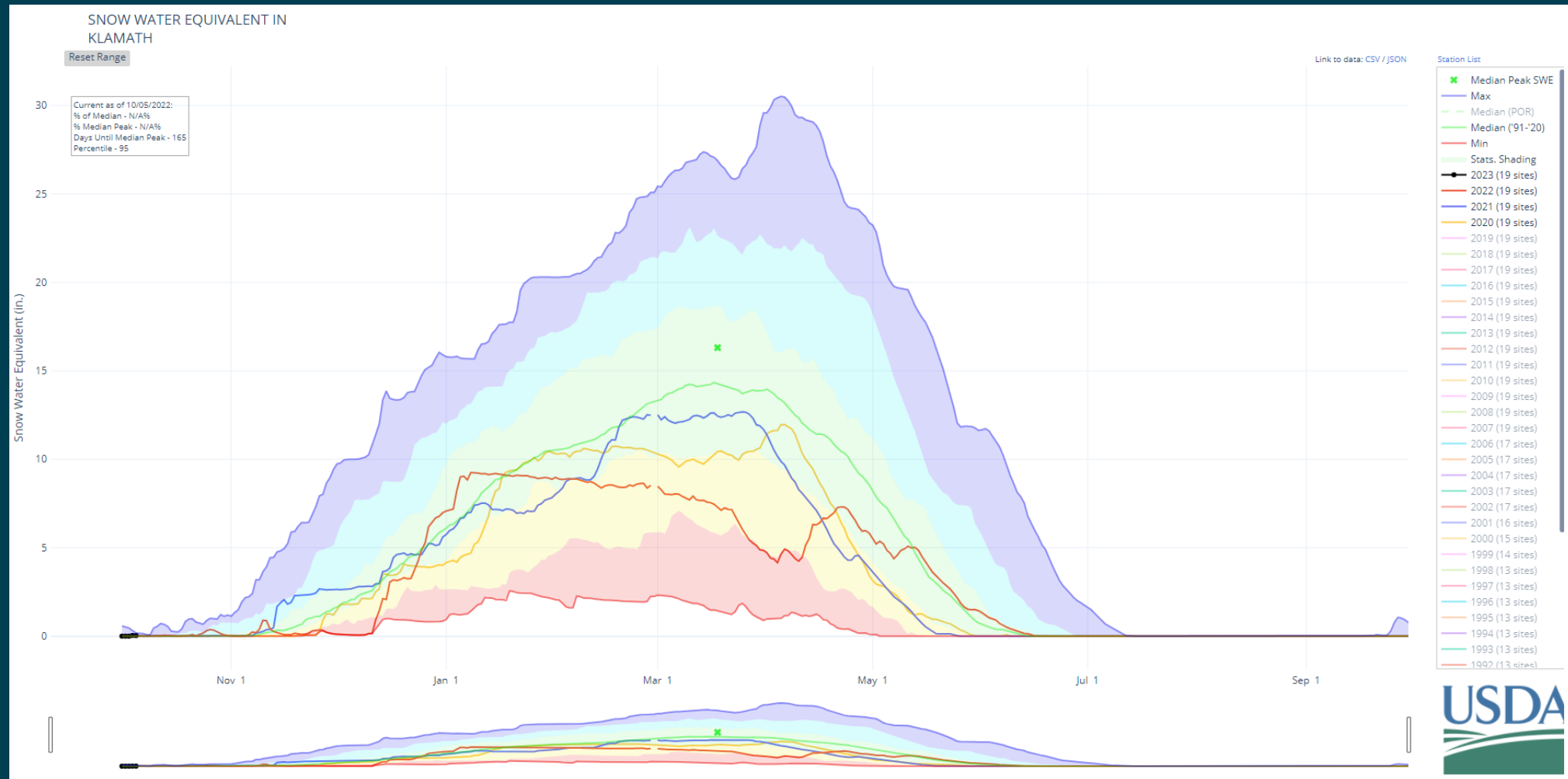
Hydrologic Overview — Current Conditions



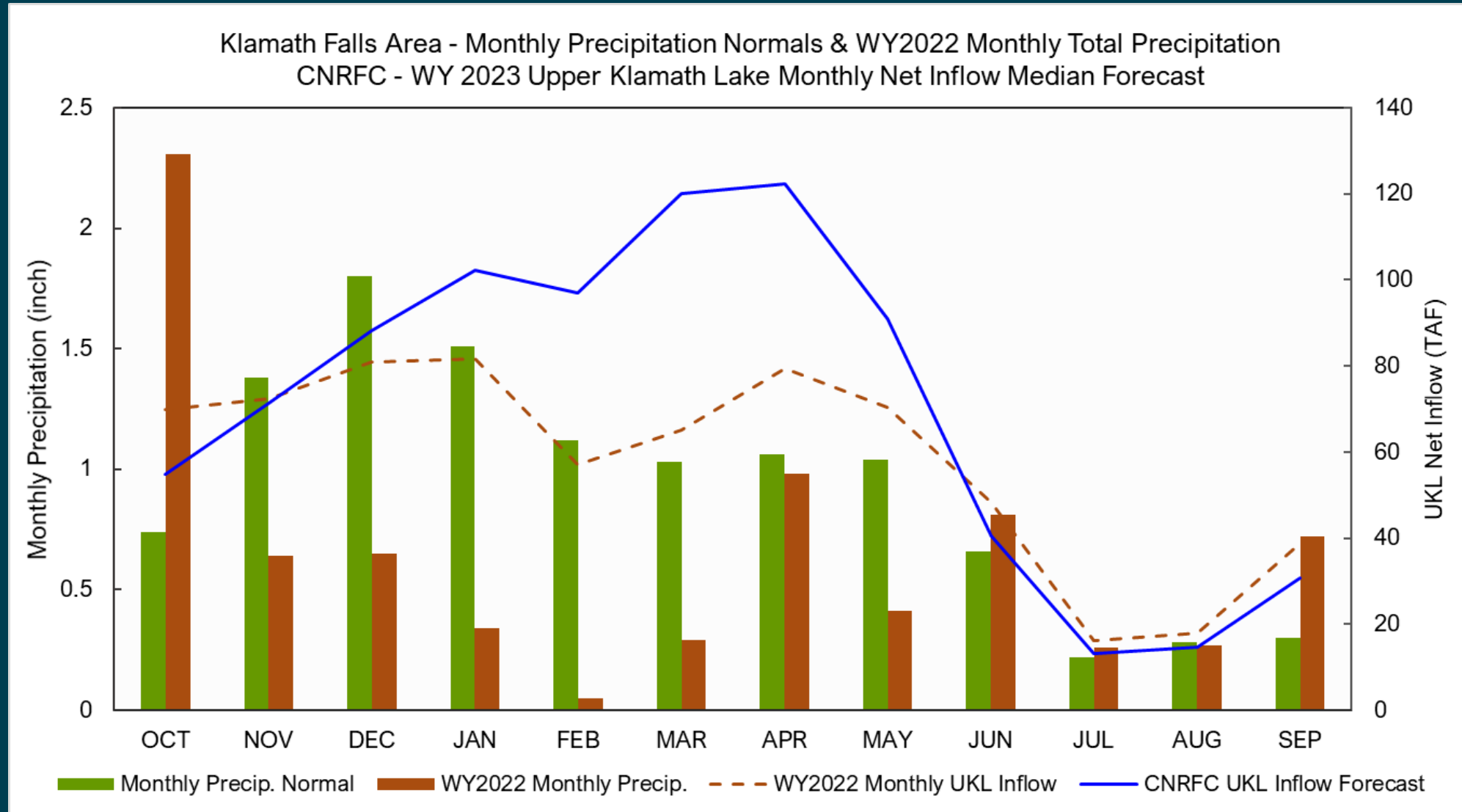
NWS Klamath Falls Airport Met Station WY 2023



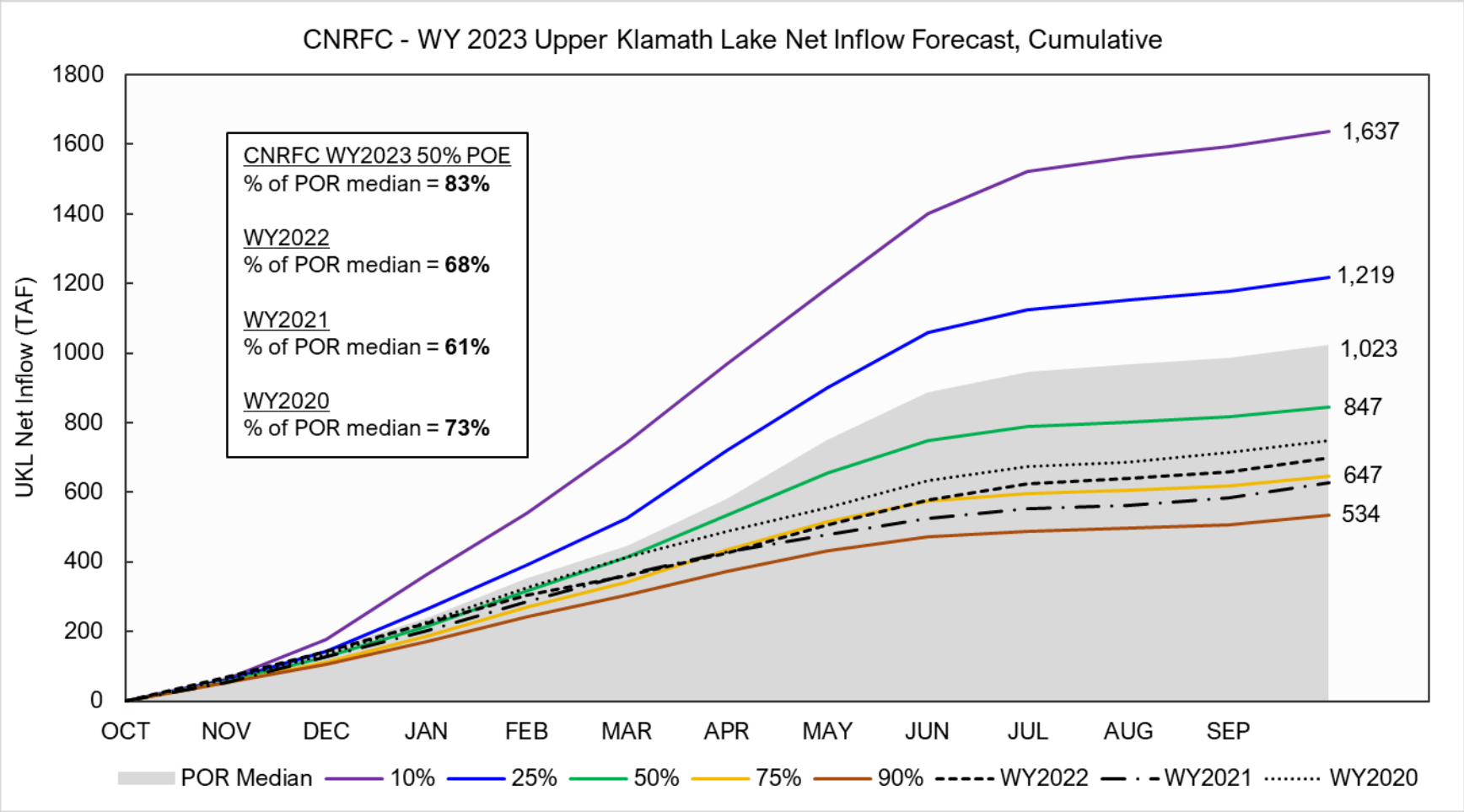
Upper Klamath Basin Snow Water Equivalent – NRCS WY 2023



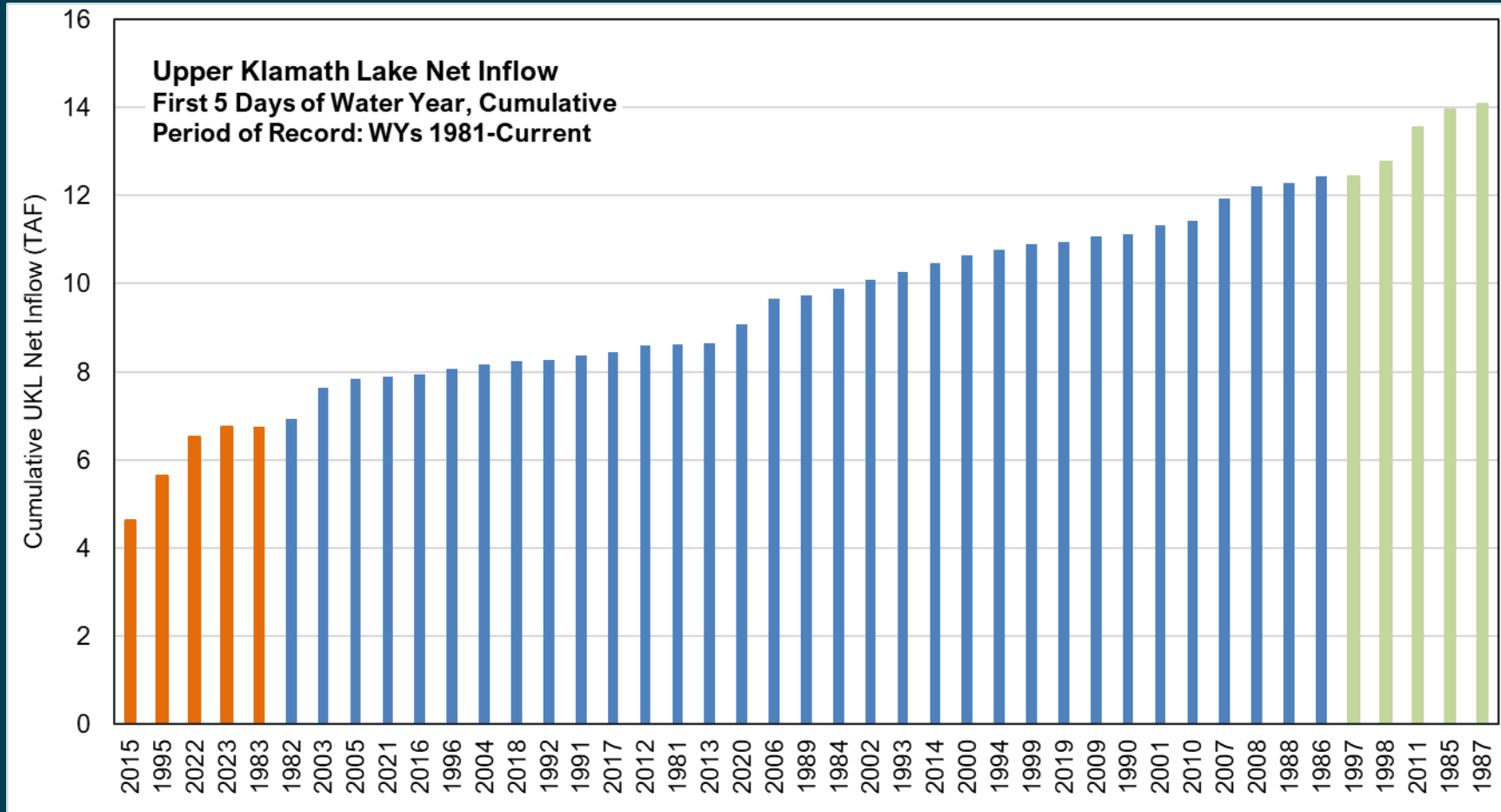
Precipitation vs. UKL Inflow



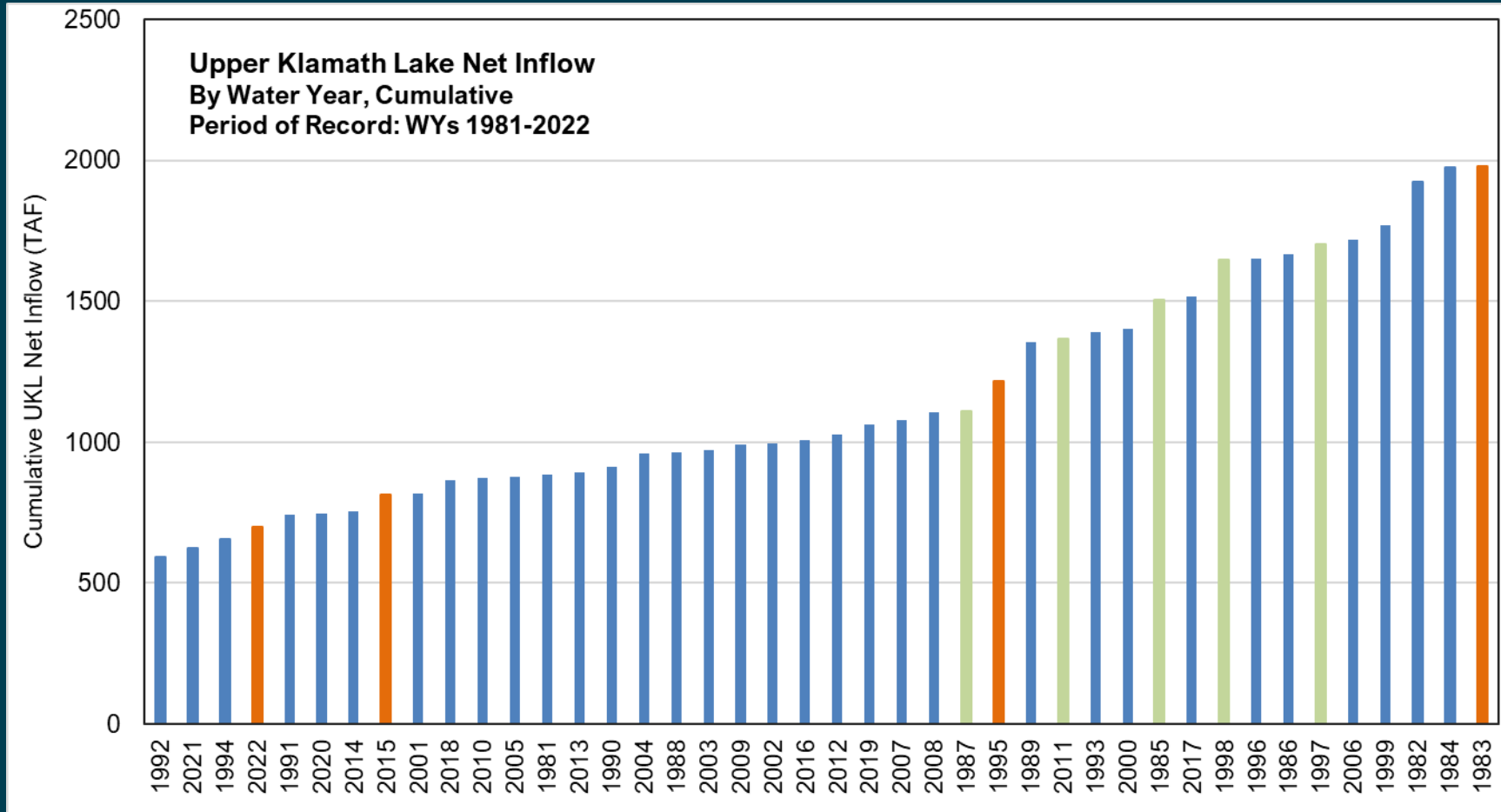
WY 2023 UKL Net Inflow Forecast



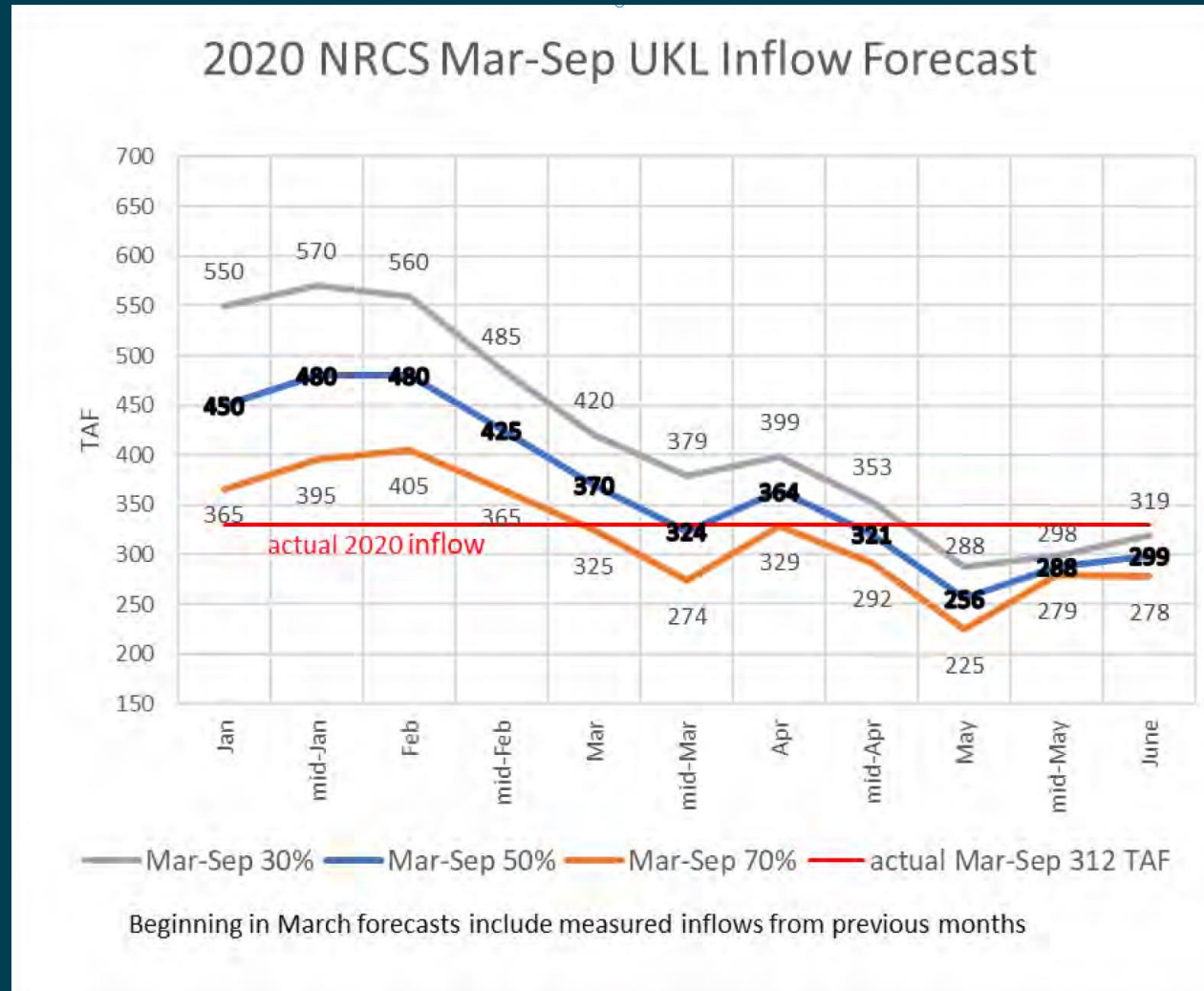
UKL Cumulative Net Inflow



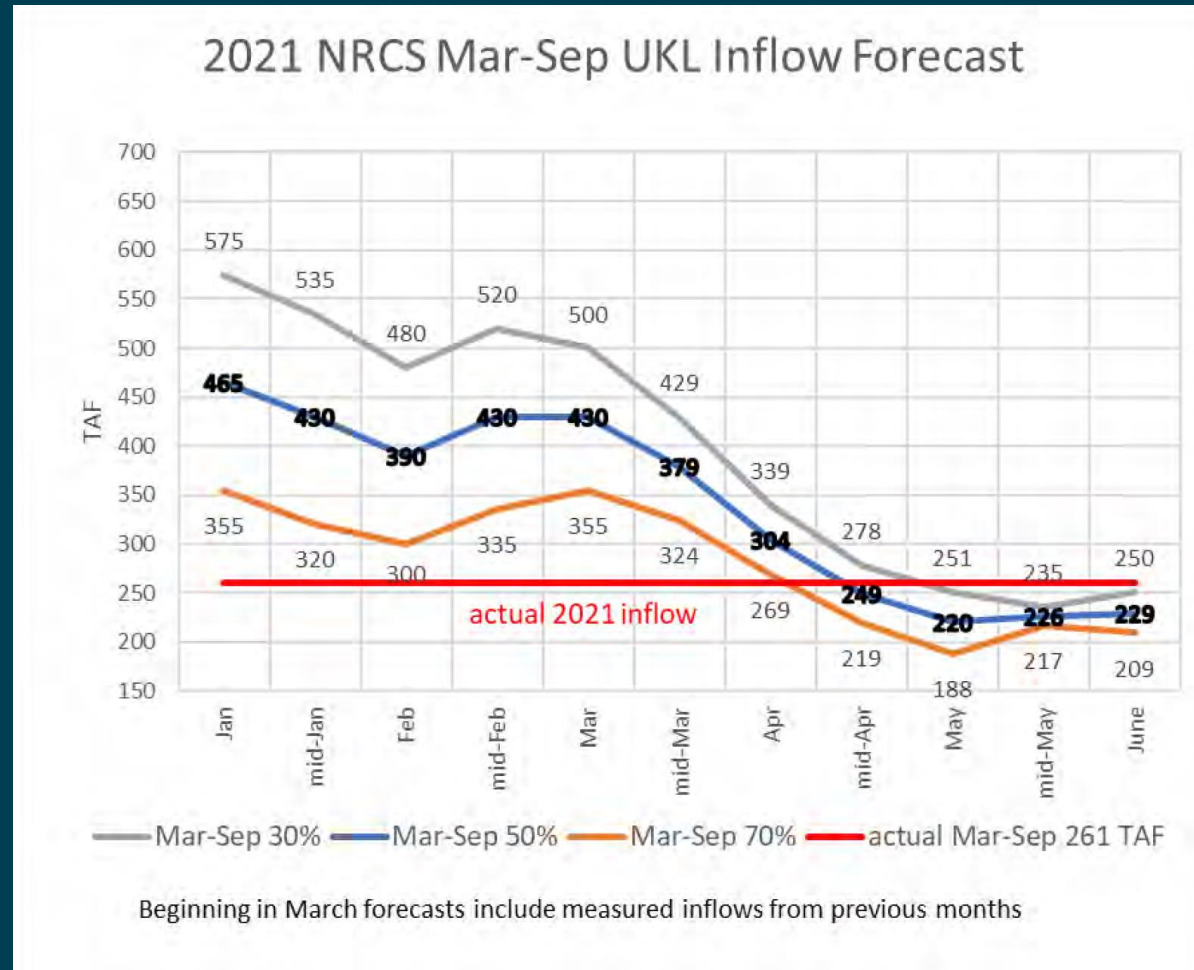
UKL Cumulative Net Inflow



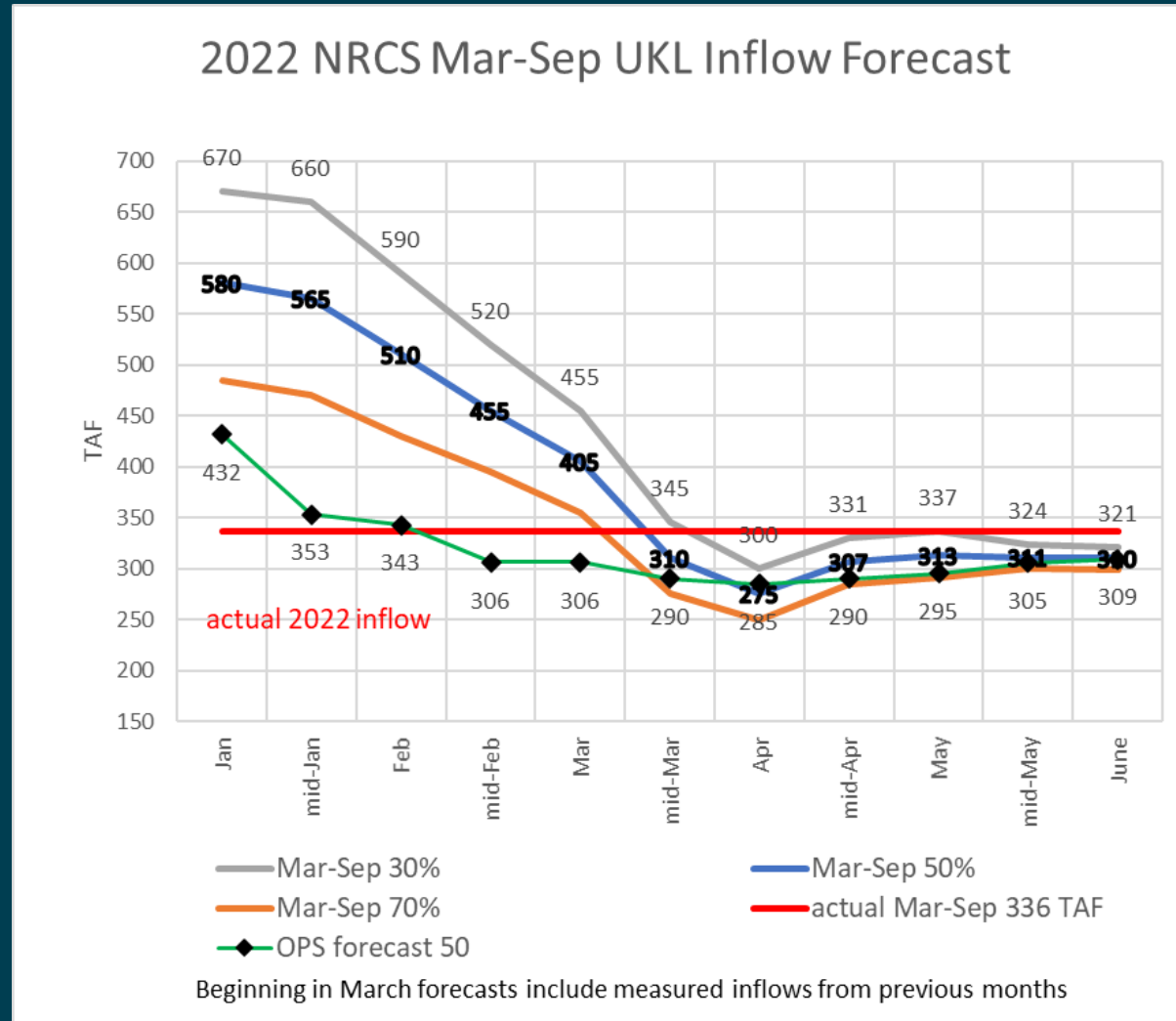
NRCS UKL Net Inflow Projections - 2020



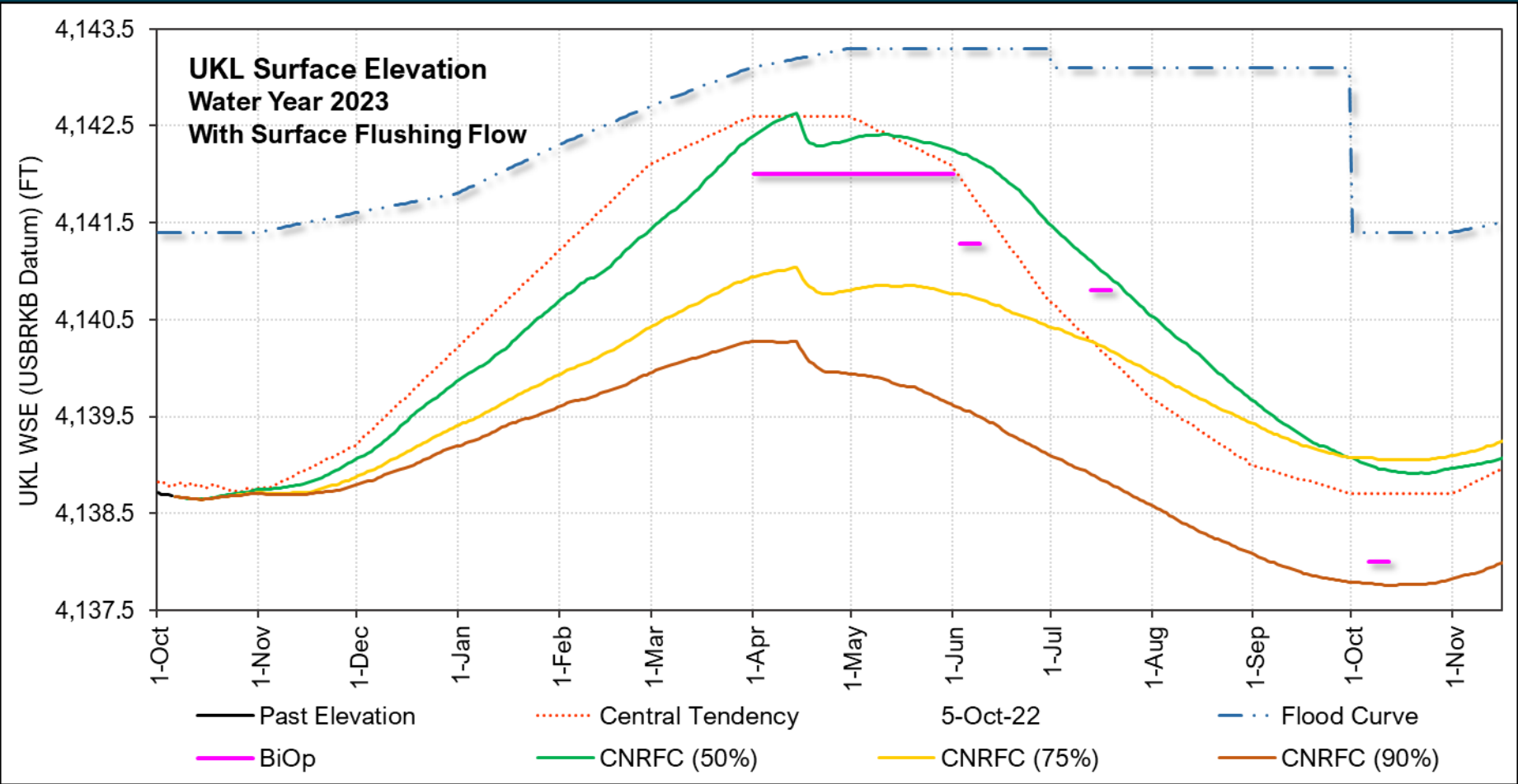
NRCS UKL Net Inflow Projections - 2021



NRCS UKL Net Inflow Projections - 2022



Upper Klamath Lake Water Surface Elevation WY2023 - CNRFC



Upper Klamath Lake Water Surface Elevation WY2023

CNRFC Exceedance	50%	75%	90%
2023 EOF elev (FT)	4141.42	4140.42	4139.95
2023 Mar-Sep inflow (TAF)	443	290	211
2023 Prj Supp (TAF)	207	2	0
2023 EWA (TAF)	400	400	400
EWA Augmentation (TAF)	43	0	0
2023 min elev (FT)	4138.91	4139.05	4137.79

EOF = End-of-February

Prj Supp = Project Supply

EWA = Environmental Water Account

Min elev = Seasonal minimum elevation

F/W = Fall/Winter



Upper Klamath Lake Water Supply Distribution, Fall-Winter 2022/2023

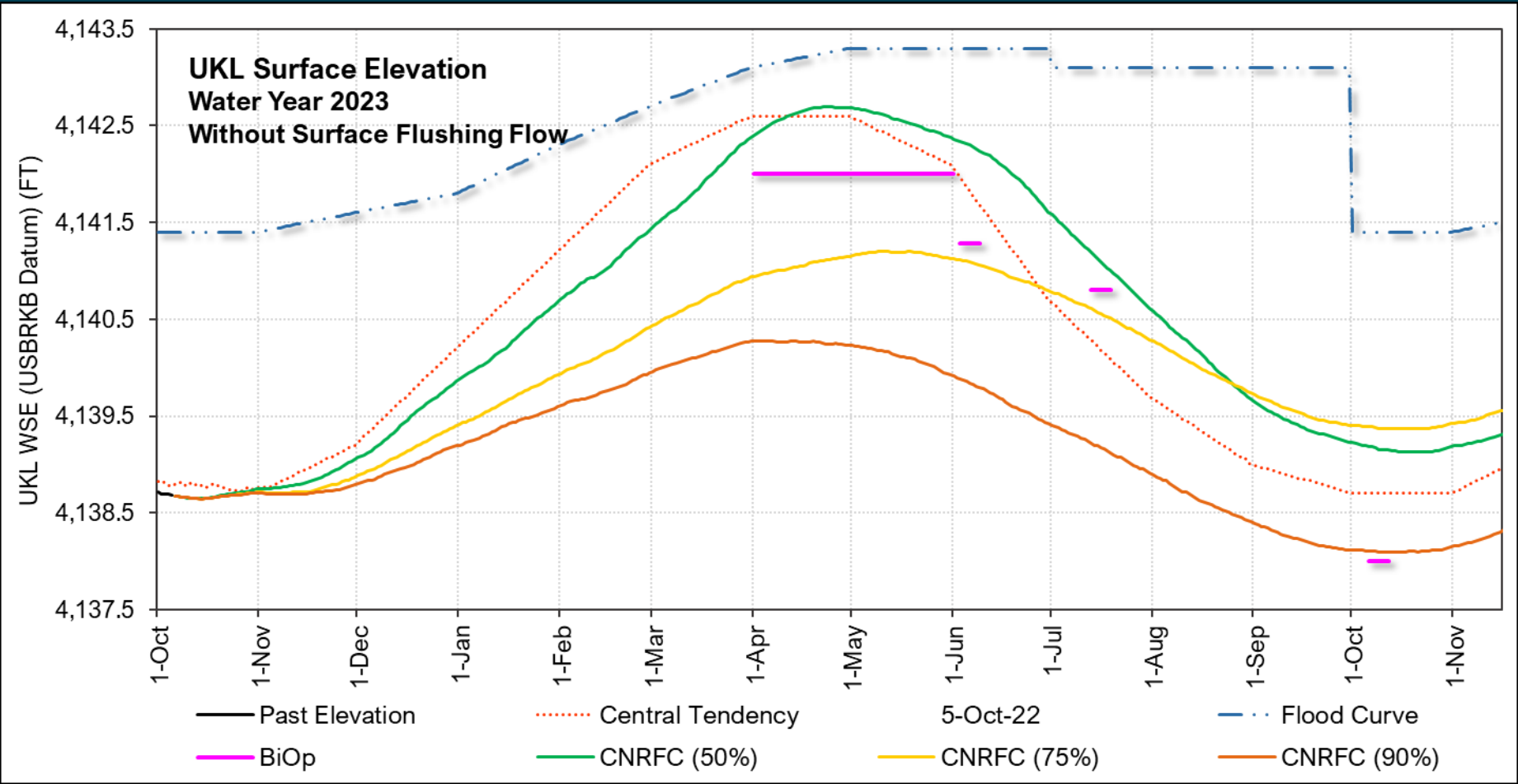
CNRFC Exceedance	50%	75%	90%
Projected storage difference 4142.00', Mar 1 (AF)	-51,718	-136,608	-172,966
Projected storage difference 4143.00', Mar 1 (AF)	-142,202	-227,092	-263,450
Projected storage difference 4142.00', April 1 (AF)	+34,262	-94,971	-185,445
Projected storage difference 4143.00', April 1 (AF)	-56,222	-149,170	-239,654
Projected UKL to River Releases, Nov-Feb (AF)	112,148	118,648	118,648
Projected F/W Total Ag Diversion, Nov-Feb (AF)	14,916	11,841	11,613
Projected F/W Total Refuge Diversion, Dec-Feb (AF)	2,271	2,142	2,142

F/W = Fall/Winter

Data as of October 6, from October 7 Klamath River Basin Hydrologic Forecast Meeting



Upper Klamath Lake Water Surface Elevation WY2023 - CNRFC



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2023 EWA (TAF)	400	400	400
EWA Augmentation (TAF)	43	0	0
2023 min elev (FT)	4139.13	4139.37	4138.09

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Prj Supp = Project Supply

EWA = Environmental Water Account

Min elev = Seasonal minimum elevation

F/W = Fall/Winter



Thank You

