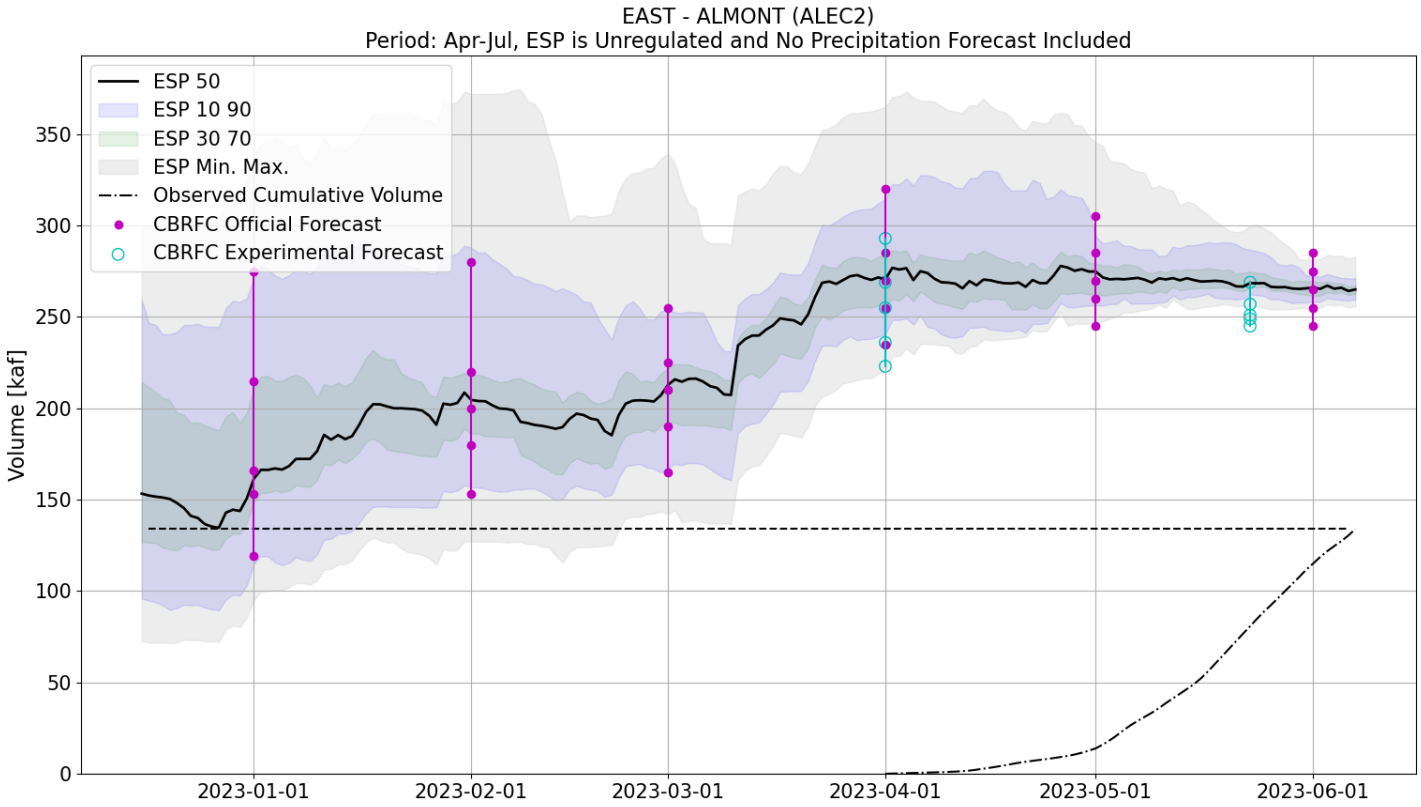
# Experimental Seasonal (Apr - Jul) CBRFC Forecast with direct insertion of estimated SWE from airborne lidar survey

## Location: East - Almont (ALEC2)

## Date of Flight: May 23, 2023

This experimental forecast product is provided for information purposes only and is not intended as an official forecast product of the Colorado Basin River Forecast Center (CBRFC). The experimental forecast shown in blue on the figure and provided in the table is created by running the Ensemble Streamflow Prediction (ESP) model after direct insertion of basin average snow water equivalent (SWE) from Airborne Snow Observatory Inc. (ASO) into the CBRFC's operational, calibrated, and lumped parameter snow model (SNOW-17).




| Forecast / Exceedance Value | ESP90 | ESP70 | ESP50 | ESP30 | ESP10 |
|---|---|---|---|---|---|
| CBRFC Experimental Forecast 5/23/2023 | 245 | 249 | 251 | 257 | 269 |
| CBRFC ESP Model Guidance 5/23/2023 | 262 | 266 | 269 | 275 | 287 |

Probabilistic forecast volumes in thousands of acre-feet (kaf). Columns indicate exceedance values.

Please contact the CBRFC with any questions regarding this product - cbrfc.operations@noaa.gov