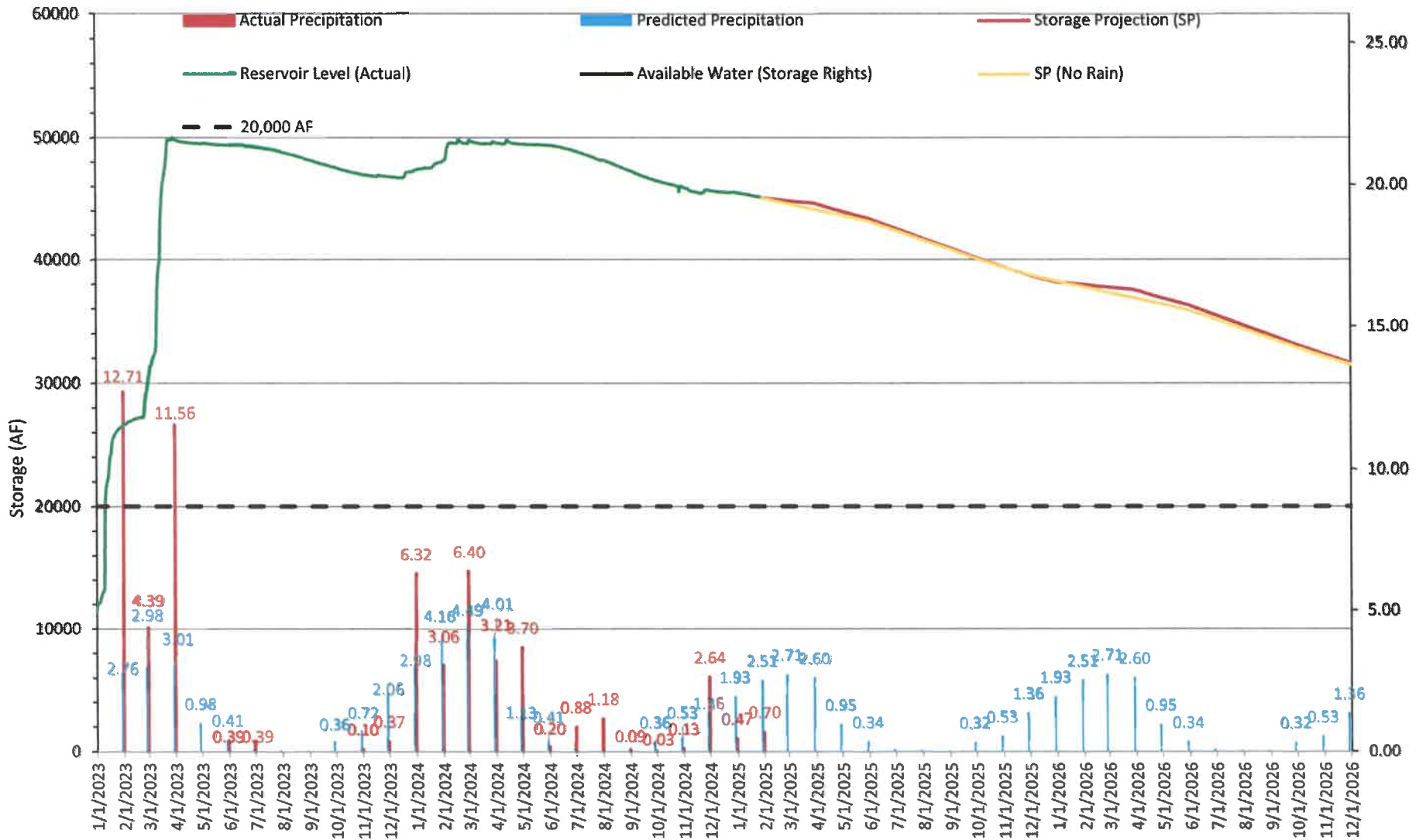


# LOPEZ RESERVOIR STORAGE PROJECTION



**Notes:**

Reservoir Storage = Current Storage + Inflow - Outflow

Outflow = Agency Usage + Downstream Releases

Agency Usage: is based on 5-yr average monthly deliveries

Predicted inflow: dependent on predicted rainfall data from longrangeweather.com; Only 12 months of predicted rainfall is available, projections beyond 12 months use previous year's data.

Inflow is affected by antecedent soil conditions and factored into the model. Rainstorms will produce less inflow during the dry months than during the rainy season when the soil is saturated.

The Storage Projection Model is based on a polynomial regression (concave in shape). The (concave) Storage Projection Graph will fall below the (linear) Storage Projection with No Rain Graph during months of low predicted rainfall.