



DROUGHT CONTINGENCY PLANS

An interdisciplinary Project Development Team has been established to address the challenges of water control management with respect to drought and climate change through the preparation of Drought Contingency Plans.



WE'VE MADE GREAT PROGRESS

GATHERED INFORMATION on existing Drought Contingency Plans to determine relevance and accuracy of plans (e.g. Does the plan address climate change? Is the plan outdated?), as well as deviations in reservoir levels from operational targets (e.g. is climate change causing systematic departures?).

GENERATED A USACE REPORT on the Drought Contingency Plan status in USACE.

CONDUCTED INTERVIEWS, working sessions, and expert solicitations with climate science experts and USACE staff with project operations experience on droughts in the context of a changing climate.

BEGAN UPDATING the Great Lakes and Ohio River Division Drought Contingency Plan in the Cumberland Basin to ensure the plan is written within the context of climate change.



MOVING FORWARD

IDENTIFY AND EVALUATE new climate projection routed flows.

ENHANCE a Drought Contingency Plan and historic reservoir operations database that is capable of communicating with the National Inventory of Dams (NID) and Corps Water Management System (CWMS) databases.

AUGMENT a portal to centrally store current and historical Drought Contingency Plans and historic daily reservoir data.

DESIGN a tool that facilitates Drought Contingency Plan creation and updates along with visualization of current and past reservoir operations.

INITIATE all pilot projects.

EVALUATE AND LEARN from ongoing Drought Contingency Plans and new climate study efforts.

