

NORTH TEXAS INTEGRATED WARNING TEAM (IWT) WORKSHOP

USACE SWF Emergency Management Date: 03 MAR 2023











Initial triggers Based on West Gulf River Forecast Center and NWS weather forecast(Main Driver), as well as USACE lake elevation

USACE Staff (Emergency Management (EM), Water Management (WM), Dam Safety sync (Litmus Test)

State Operation Center briefings

Water Management

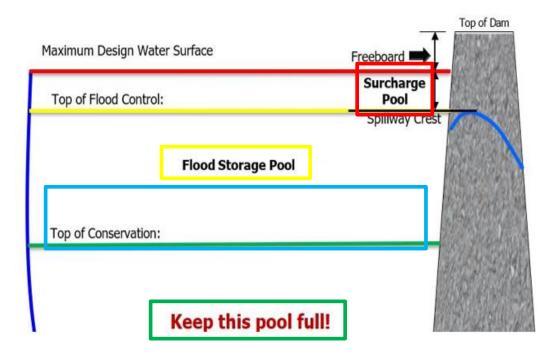
- sync up with River Authorities, NWS, TXDOT water districts
- Control manual and monitor river capacities to strategically hold and release water.
- Goal is to store water in flood control projects (dams) to allow additional river capacity during the event

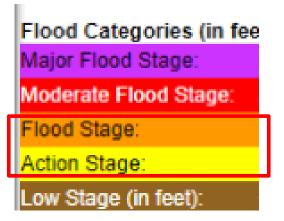
DS will be monitoring dams in flood pool

-(Weekly Surveillance) (Looking for distress)

EM sync up with levee sponsors to engage on local levee status and any assistance needed.

USACE operations project management and lake office will begin closing parks



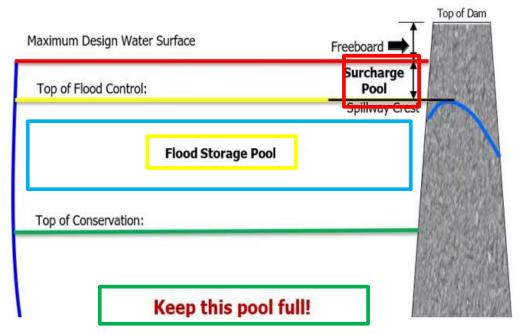


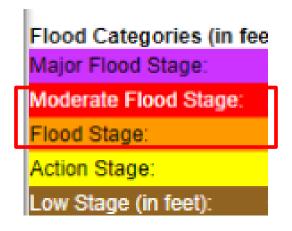




Next phase of triggers: (increase in Flood Pool) state operation center activation level?, (Flood stage to Moderate for river stage), with NWS and River Gauge Forecast.

- -SWF EOC activate to <u>Level 3</u> (Limited Activation) minimal staffing to maintain awareness
- -EM and Logistics will prep flood fight materials (Sandbag Machine, sandbags, supersacks, poly rolls, etc)
- -Response teams (technical assistance reps, Liaison officers and Sandbag Machine team members (standby)
- -Dam Safety will increase surveillance to daily based on specific elevation threshold to the project. Looking for any signs of distress
- -EM preparing notification messages



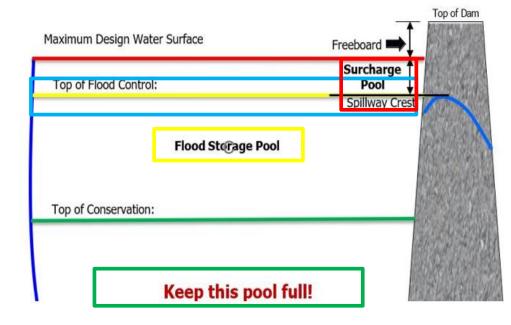


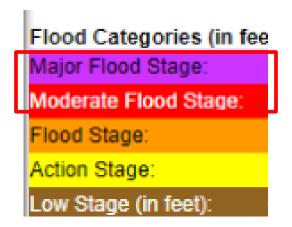




Next phase of triggers: (High Flood Pool/nearing surcharge), Moderate to Major flood river stage, heavy rain forecasts continues

- -SWF EOC activate to <u>Level 2</u> (Partial Activation) for moderate significant event (12 hour shifts)
- -Sync with Texas daily SOC calls with potential situational meetings with Stakeholders (Local, State, Federal)
- -May deploy USACE Liaison officer to SOC (based on SOC activation level and if requested) to provide direct USACE situation briefings, plug in to state battle rhythm and coordinate any flood fight materials and technical assistance WEBEOC requests (T
- -EM and Logistics (deploying flood fight material and resources upon requests
- -Dam safety surveillance project hourly, looking for distress
- -EM <u>sending out notifications</u> of High flow watches and warnings to stakeholders (Other notifications, Non breach, Potential breach or Breach)
- -SWF USACE Emergency Declaration



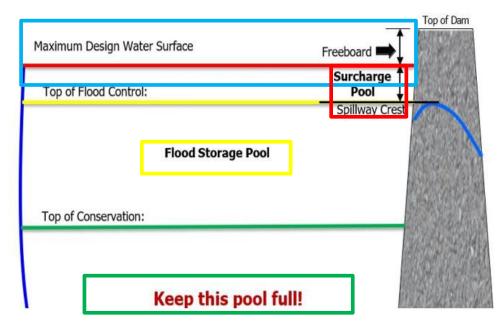


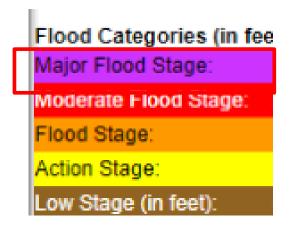




Next phase of triggers: increase in Surcharge Pool, Major flood river stage river, heavy rain forecasts continue

- -SWF EOC activate to <u>Level 1</u> (Full Activation) for Major/Catastrophic event (24 hour shifts)
- -SWF request any additional resources from SWD/HQ or from Rock Island for more flood fight materials
- -SWF USACE staff in daily meetings SOC, Stakeholders (Local, State, Federal)
- -SWF Liaison officer at SOC (daily sitreps, flood resource coordination, etc)
- -High Flow Warning notifications send out as need on significant increase in surcharge







QUESTIONS?





Thank you,

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WATER MANAGEMENT SECTION BATTLE RHYTHM



