

I-GRAM

Army Dams & Transportation Infrastructure Program

Vol 5 07 January 2020

The IMCOM G4 in partnership with ERDC is the Army's executive agent in scheduling, data reporting, development and sponsorship of ADTIP classes and funding for inspection equipment, research and development requirements for transportation infrastructure and dams. Dams on Army Installations are required to be inspected periodically IAW with AR420-1 and FEMA 93. Periodic inspections are conducted every 4 years and reported to the National Inventory of Dams annually. The program covers (1) development of emergency action plans (EAP) (2) underwater/ periodic inspections and (3) maintenance and repair recommendations.

ADTIP Website:
<https://transportation.erdcren.mil/imcomadtip/Default.aspx>
DamWatch Website:
<http://www.usengineeringolutions.com/dam-watch/>

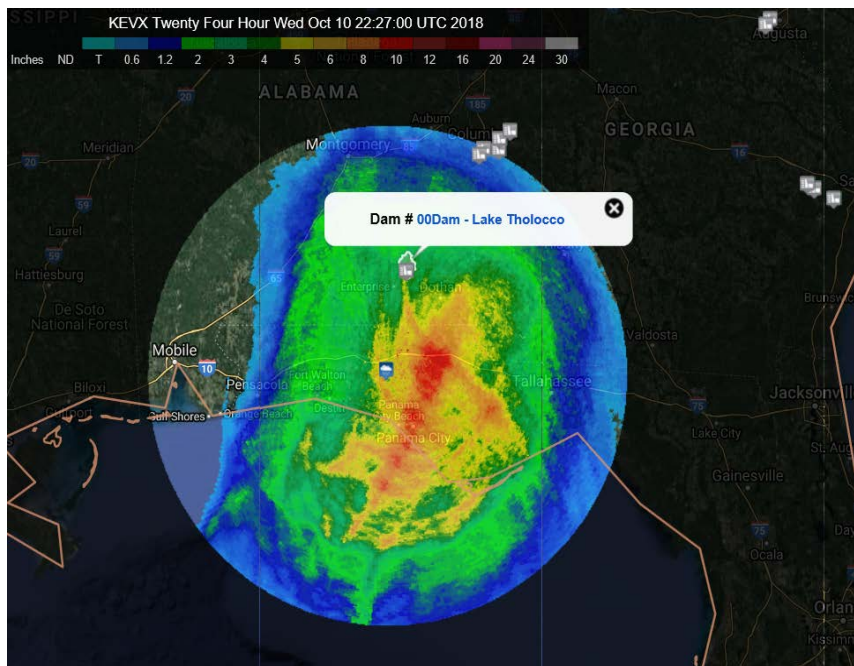
Contact Us:
IMCOM ADTIP PM
210-466-0535
michael.r.andres.civ@mail.mil

Dam Program POC
601-634-7443
shaun.r.stanton@usace.army.mil

IMCOM has funded the acquisition of the Dam Inventory Management Software DamWatch. The software will provide a platform to display various live sensor data, local weather data, and seismic data for each dam in the IMCOM inventory. Thresholds can be set allowing alerts to be sent out automatically in the event of an emergency.

The software will serve as a platform for DPWs to be able to store information on each of their dams to include Annual and Periodic inspection reports, photographs, instrumentation readings, as-built drawings, EAPs, and video files.

Edit Details		Zoom To Structure	
<input checked="" type="checkbox"/>	Display Drainage Basin	Basin Opacity	
Dam Name:	Lake Tholocco	Dam ID:	00Dam
Latitude:	31.3850	Longitude:	-85.7217
State:	Alabama	District:	Mobile
County:	Dale	Town:	Daleville
Hazard Class:	S	Other Name:	
Owner Name:		Owner Type:	
Contact Name:		Phone:	(334) 255-9887
Email:	Adam.J.Dyson.civ@mail.mil	Certificate Type:	ATIP Dam Safety Class Certification
Certificate Date:	2016	Certificate Expiry:	2021
Payment Type:	N/a	Payment Date:	N/a



SAMPLE ALERT

NOTIFICATION - Hurricane Michael hit the Florida Panhandle October of 2018. The event triggered an alert on our pilot system and the image to the left is the radar reading at the time of the alert. The alert triggered our 2" accumulation in a 12-hour period threshold. Hurricane Michael dropped over 7" of rainfall in the watershed of Lake Tholocco Dam at Ft. Rucker. Training on the use of DamWatch will be provided to select Garrison's Dam Safety Officer on January 2020.