

We've come a long way!

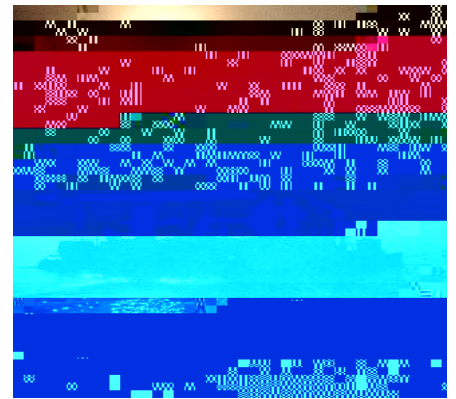
On November 15th 2013, the Hancock Biological Station, Watershed Studies Institute, MidrAmerica Remote sensing Center and the Chemical ServicesAmerica



Karla Johnston, Senior Research Technician holding the Murray Ledger & Times story on the 500th cruise and 25 years of Kentucky Lake monitoring. Karla also was recognized for her service to the research programs of the Station and WSI



200th Cruise: Gary Rice, Bobby Lee, Alan Williams, Sheila Bogle



People we can identify in the picture are Dick Marzolf, Alan Groeger, and Mark Schram.

The Kentucky Lake Monitoring Program (KLMP) and the Kentucky Lake Geographic Information System (KLGIS) a Retrospective *Jane Benson*

"Maintaining the quality of water is more than just an opportunity. It's an obligation."
Dr. G. Richard Marzolf (MSU *Spectrum* 1988)

The initial goal of the Center for Reservoir Research (now the Watershed Studies Institute) was to combine the resources of the MidrAmerica Remote sensing Center (MARC), the Chemical Services Laboratory (CSL) and the Hancock Biological Station to study Kentucky Lake and its watershed. It is astounding to consider all that has changed over the course of 25 years and 500 long term monitoring cruises (KLMP) in terms of data acquisition, management, and methods of analysis.

In the early years, basic limnological measurements were entered by hand into database



Fig. 1. "KLGIS Data Software"



Fig. 2. "Digitizing and "interactive" editing"



Fig. 4. "USGS website for viewing "live" Landsat data"



Fig. 3. "Map products"

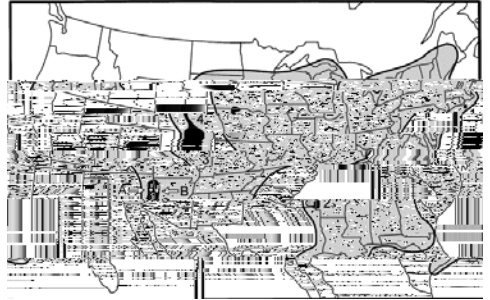


Fig. 1. Area in gray shows the

JASON SMITH 6
 COURTNEY SNAPP 6
 MIKE WESTON 6
 MECHELLE WOODALL 6
 JIM BARNETT 5
 CHRIS CROCKETT 5
 NICK HUTCHENS 5
 MARA LINDSLEY 5
 KEITH PAYNE 5
 BRADLEY RICHARDSON 5
 STEPHANIE ROISE 5
 BILL SPENCER 5

NICKEL

JULIA EARL 4
 RON ELDER 4
 HALEY HART 4
 JEANETTE JONES 4
 STACY NG 4
 STACEY RUTHERFORD 4
 JIM SICKEL 4
 DEAN STUTESMAN 4
 BRITTNEY VIERS 4
 DAVID BAKER 3
 PINAR BALCI 3
 JESSICA BOYNTON 3
 TRAVIS BROWN 3
 STEVE BULLINGTON 3
 MIKE CLARK 3
 HARRY CONALLY 3
 DUBHSDH DASARI 3
 CORY GROOVER 3
 DAVE HOLLAND 3
 REBECCA IJAMES 3
 JEFF KAMPMAN 3
 TOBIAS LANDBERG 3
 J MARLOWE 3
 ASHLEY MCKENDREE 3
 MIKE MOORE 3
 ANDY MOWREY 3
 JEREMY RICE 3
 JEREMY RODGERS 3
 JEREMY SOBECKI 3
 MARY SWEENEY 3
 BEN TUMOLO 3
 BUFFY WALLACE 3
 PATTI WHITE 3
 DOUG WORKMAN 3
 MIKE ANDERSON 2
 JON BELL 2
 CINDY BOWMAN 2

CARLEY CAVITT 2
 JANE COMBS 2
 JIMBOB CROCKETT 2
 OLIVIA DARUGNA 2
 MEREDITH MORRIS 2
 EMILY DUSTMAN 2
 DAVID FARRELL 2
 ANN GILMORE 2
 SUSAN GLASS 2
 C GREGORY 2
 K IRWIN 2
 TIM JOHNSTON 2
 TIM KELLER 2
 JOE KING 2
 WALTER LINKE 2
 J MOORE 2
 AMY MORGAN 2
 STEVE OSBORNE 2
 J PHILLIPS 2
 ED REHMAS 2
 MOLLY RUNYON 2
 KEVIN SCHABERG 2
 ED SCHNAUTZ 2
 R SCOTT 2
 MARSHALL WELCH 2
 LINDSEY WHITE 2
 LAURA WIGGINGTON 2
 MIKE YOUNG 2
 KAREN ZELCH 2

COPPER

C ASHMOUTH 1
 KAYLIN BOECKMAN 1
 PAT BOMBA 1
 STEVE BOWERS 1
 L BREHOB 1
 FAITH BREWER 1
 SERENA BRITAIN 1
 MKE BUSBY 1
 CHERYL CARR 1
 KATIE CLIFTON 1
 B COLES 1
 T CONDER 1
 JIM COTNER 1
 REBECCA CRIPPS 1
 ANDREW FANNIN 1
 CODY FISCHER 1
 ELIZABETH FLEMING 1
 TOM FORSYTHE 1
 DOUG GALE 1
 SUSAN GARNETT 1

CHAD GISH 1
 JOHN GOREY 1
 CLAYTON GREEN 1
 ANGIE HAYDEN 1
 JEFF HERROD 1
 KATIE HILTZ 1
 JACK HOLT 1
 WALTER INGE 1
 J JACKSON 1
 JARETT JONES 1
 KELLY JOY 1
 TOM KIND 1
 MARY LINTON 1
 ANITA LIPPS 1
 SARA LOECKEN 1
 B LOGANATHAN 1
 T MARSHALL 1
 ROSANNA MATTINGLY 1
 TIM MILLER 1
 TOM MOORE 1
 KATIE MOUNT 1

BURL NAUGLTT5.96830TDOT1Tf3.40980TDC
 CLAYTON IN JEFFTZ

