



Toolik Field Station Operations Introduction



Station is operational and staffed
365 days/yr

Winter: October 1 to March 31

Summer: April 1 to September 30



Winter Operations

October 1 to March 31

- 1) Power/Heat/Water
- 2) Road access from Dalton
- 3) Support projects
 - a) Facility for work and sleep
 - b) Meals
 - c) Science support (Jebs talk)

Toolik Field Station Winter Operations





Driveway after the DOT blower double - pass



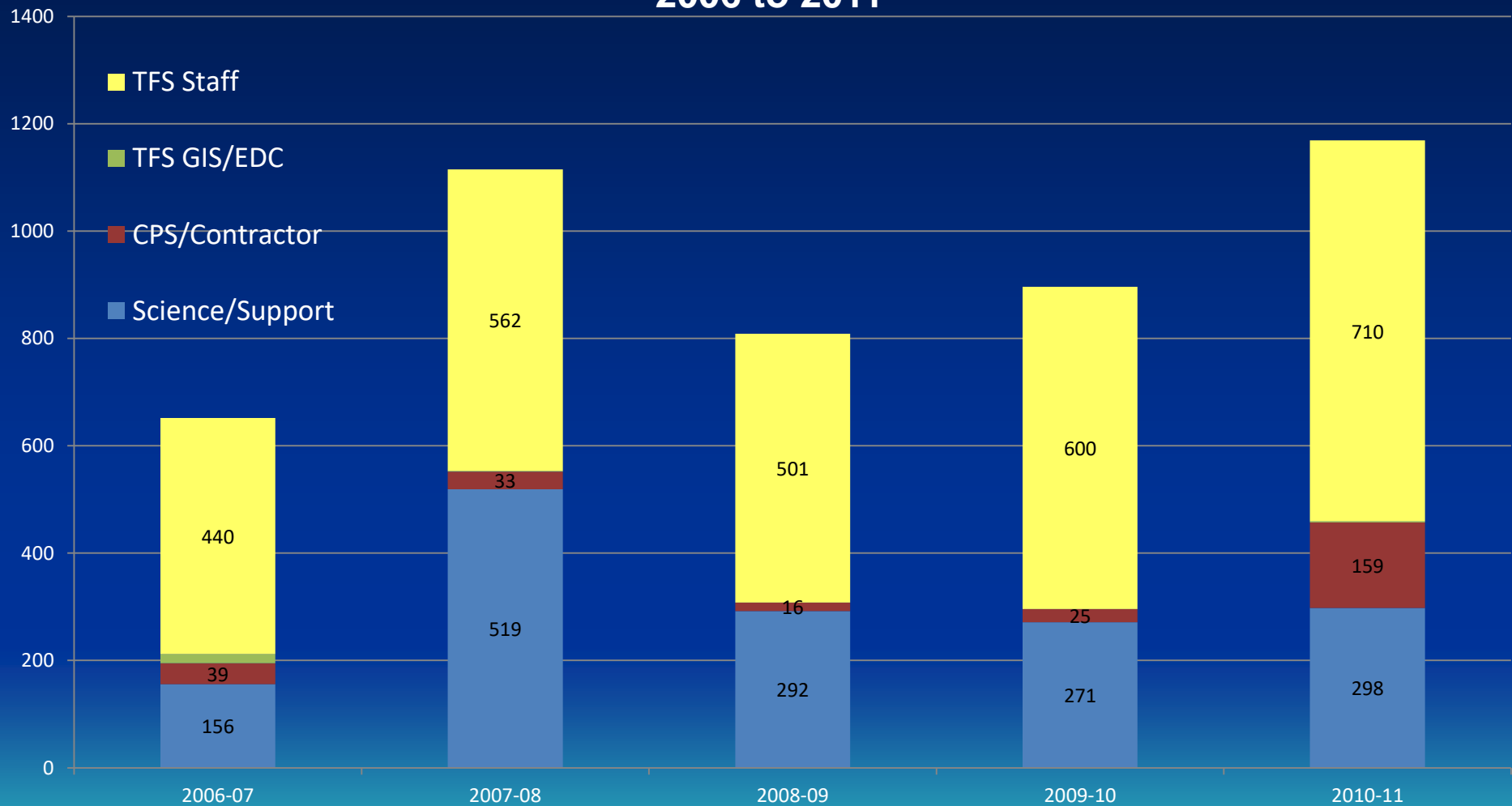
TFS METRICS 2011

WINTER SEASON 2010-11

- TOTAL USERDAYS = 1169 (105 individuals)
- Science – 298 (40 individuals)
- CPS & Contractors – 55 (11 individuals)
- JRE & Subs – 104 (28 individuals)
- GIS/EDC Staff – 2 (1 individuals)
- TFS Facility Staff – 710 (25 individuals)

Funded projects: 12 (project members on-site)
EarthScope, Antenna Arrays, All Sky Camera, Met Stations

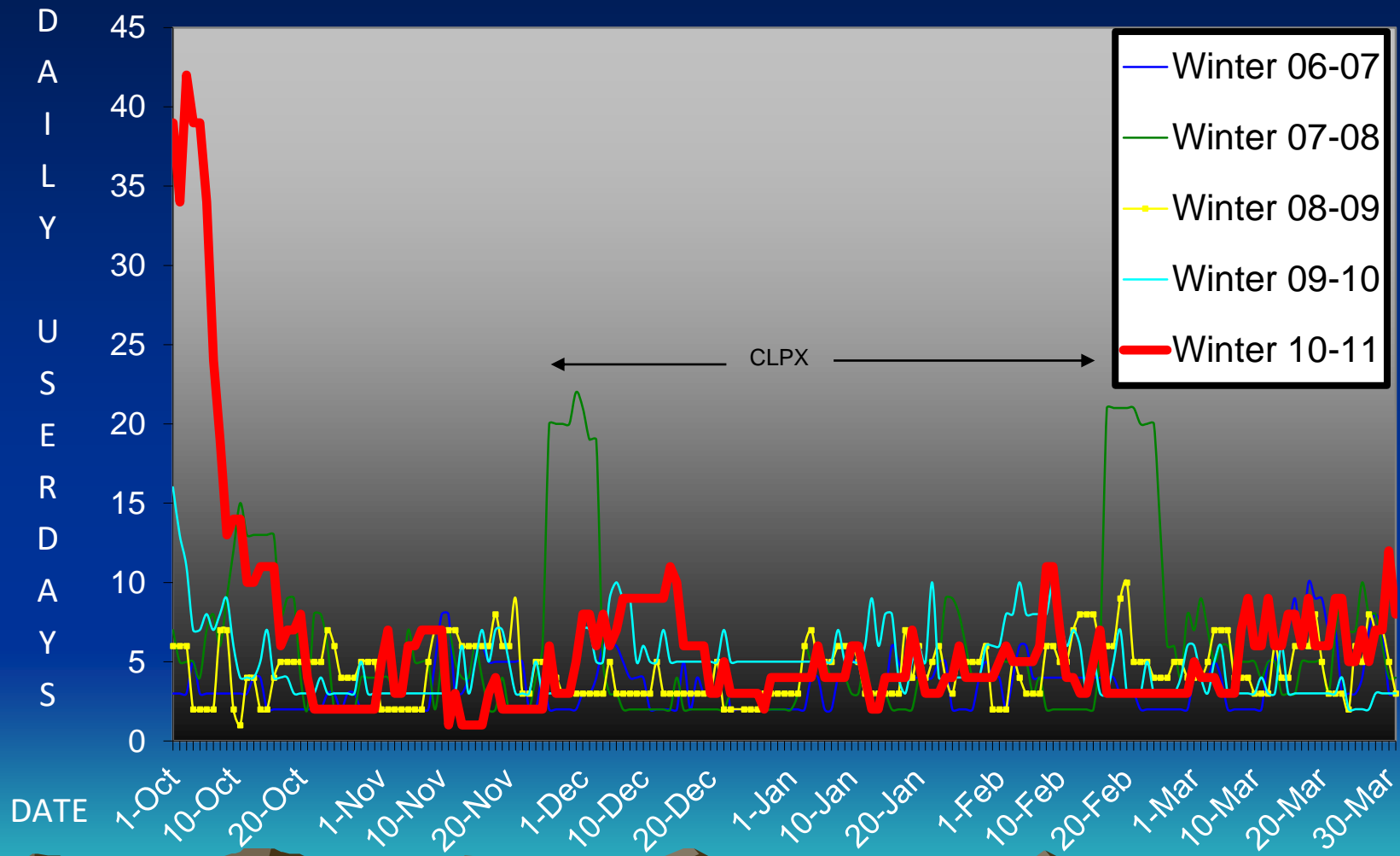
Toolik Field Station Userdays Winter Field Seasons October 1 to March 31 2006 to 2011



Toolik Field Station Resident Winter Population

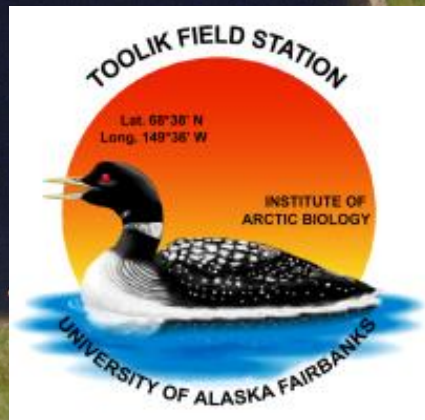
October 1 to March 31

Winter Field Seasons 2006-07 to 2010-11



SUMMER OPERATIONS





EDC DEPT

GIS DEPT

STATION
MANAGER

Operations
Staff & EMTS

Food Service
Cooks & Asst.

Science
Support &
Maint. Staff

Talks later in workshop



2 May 2011



30 May 2011



19 June 2011

Survey Grade GPS Support: Thermokarst Surveys

- Toolik River
- I-Minus 2
- Lake NE-14

Jason's Talk





FOOD SERVICE



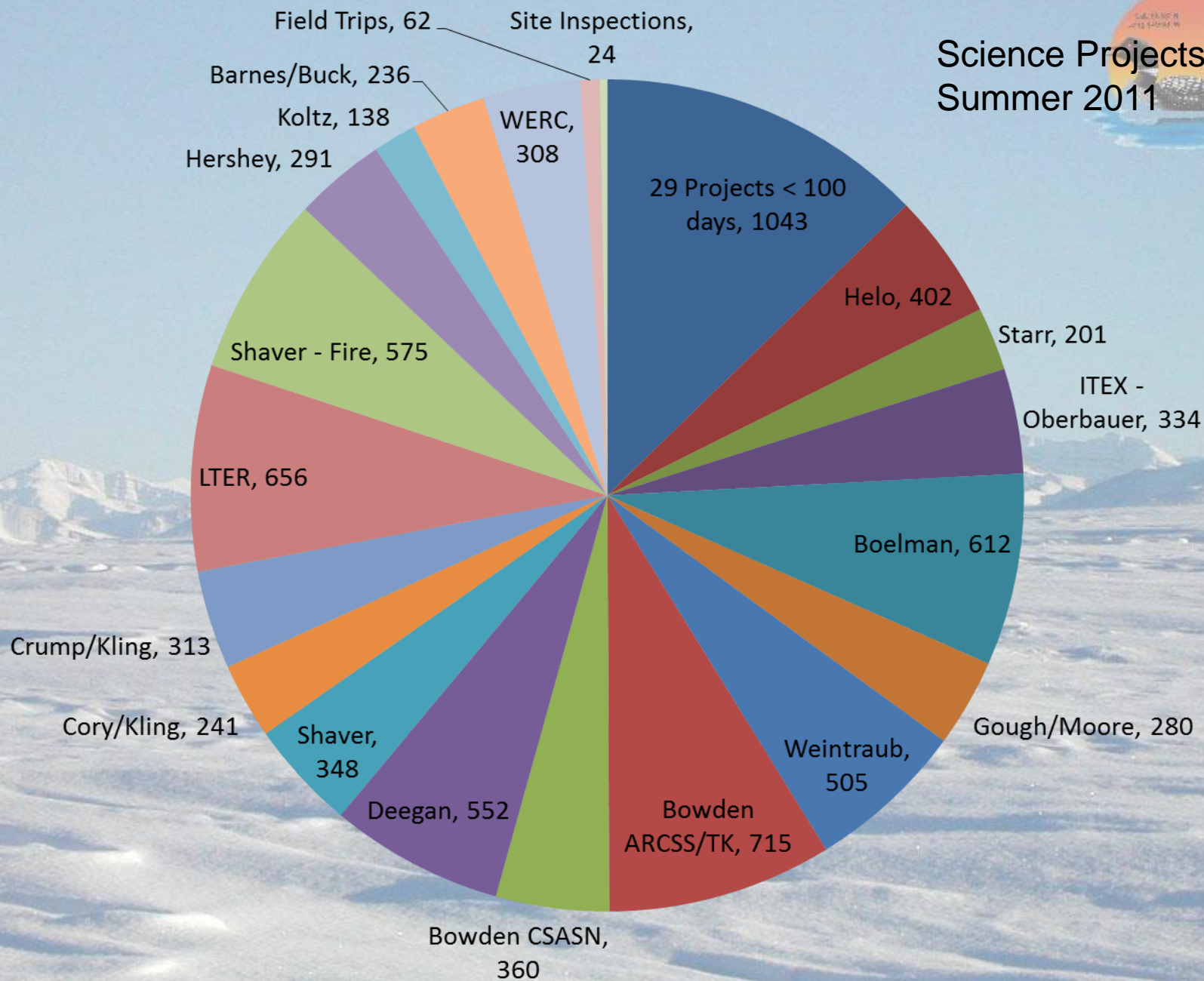


TFS METRICS 2011

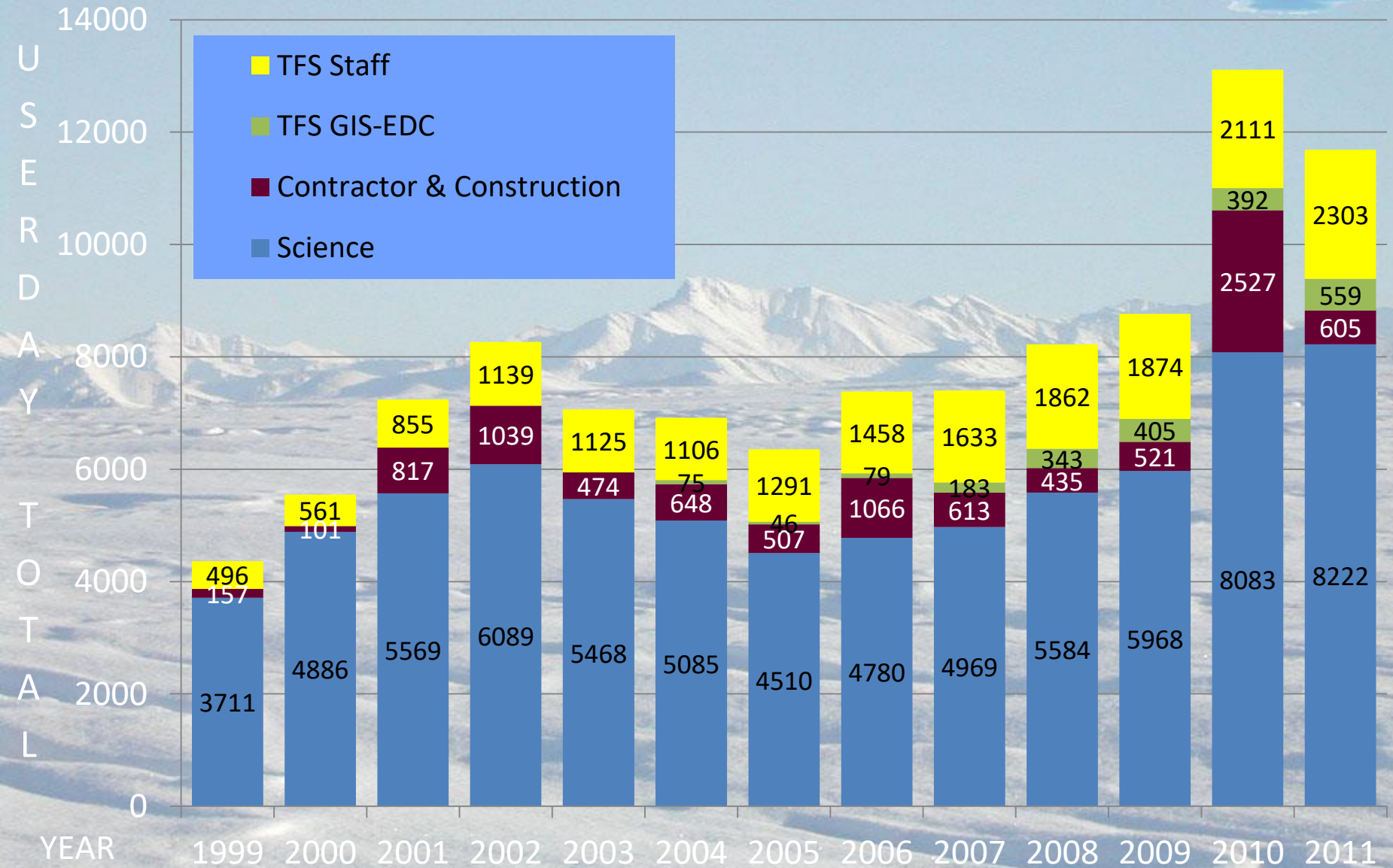
SUMMER SEASON 2011

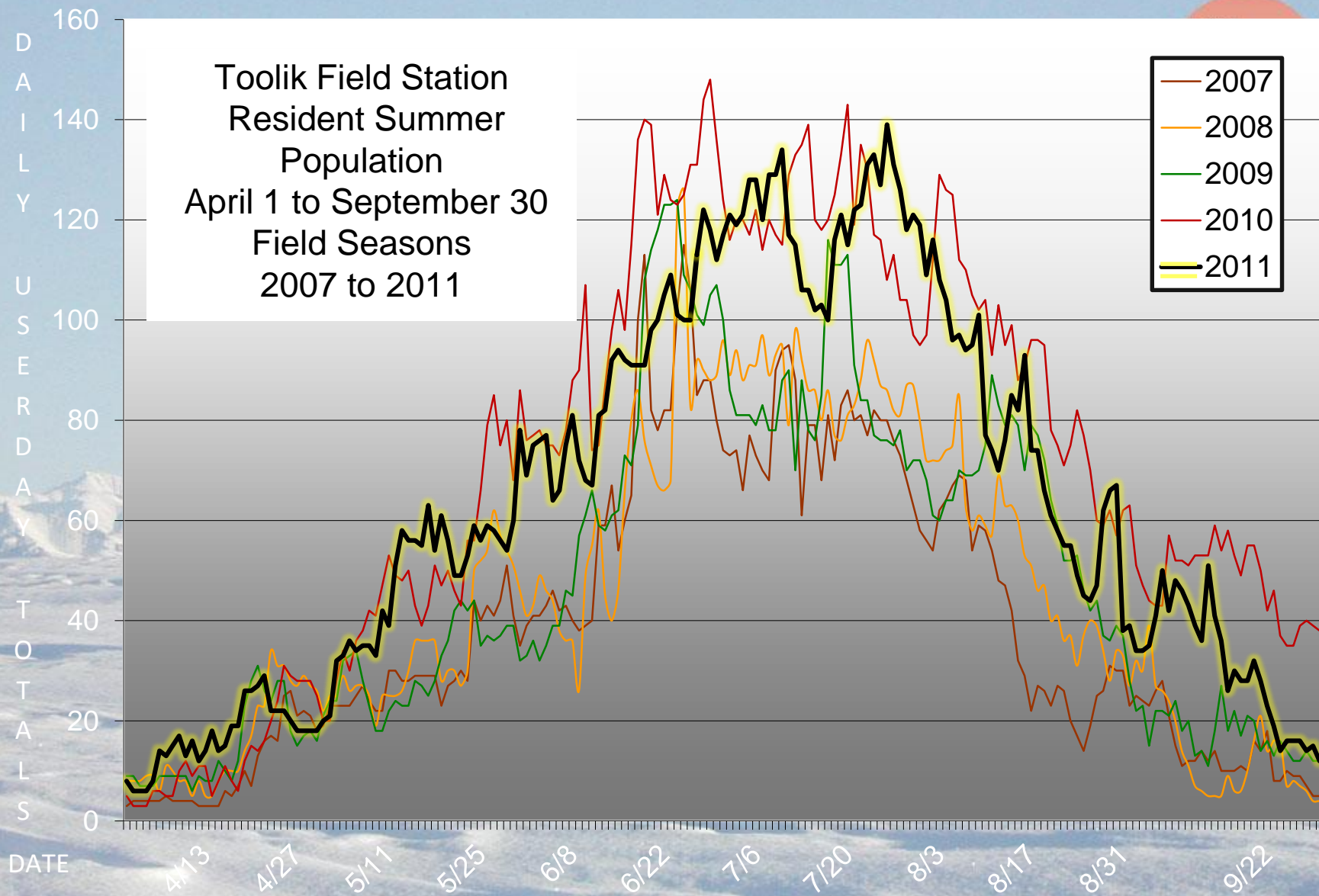
- TOTAL USERDAYS = 11689 (509 individuals)
- Science – 8222 (417 individuals) (includes helicopter)
- CPS & Contractors – 605 (39 individuals)
- TFS Facility Staff – 2303 (44 individuals)
- GIS & EDC Staff – 559 (9 individuals)
- Institutions: 111
- Funded projects: 78 (NSF award numbers or agency)

Science Projects Summer 2011



Toolik Field Station Userdays Summer Field Season April 1 to September 30



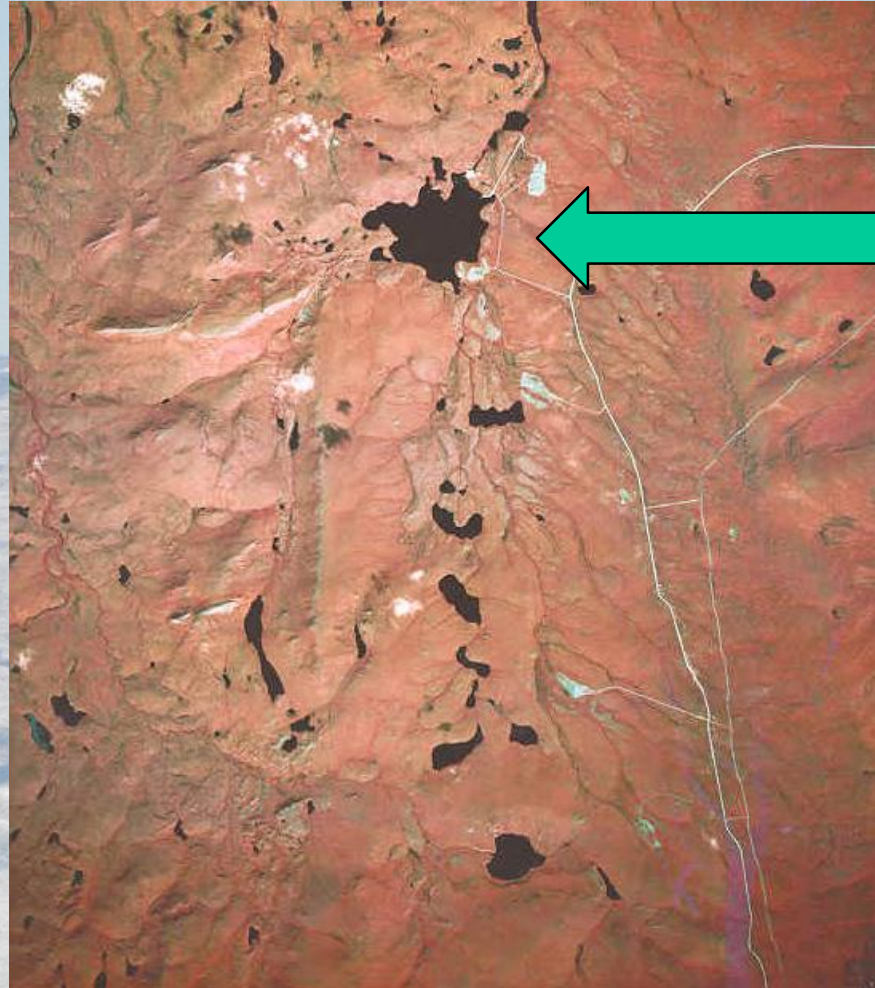


TOOLIK



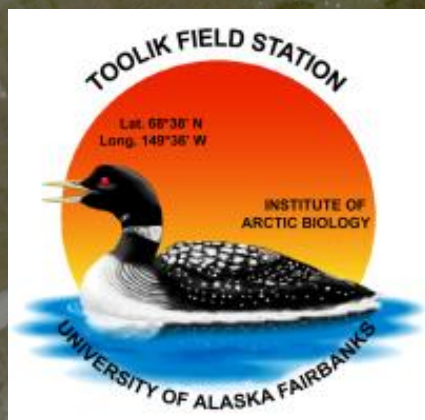


Toolik Lake





FIELD TRIPS & COURSES



FUNDED PROJECTS

MISSION SCIENCE SUPPORT



COOPERATIVE AGREEMENT



BASE FUNDING
Core Staff
Utilities (water/power/heat)
Supplies/Services
Trucks
GIS/EDC
General use equipment



PER DIEM CHARGE
Food
Freight
Seasonal Staff
Additional fuel/waste hauls

Arctic Research Support and Logistics contractor, CH2MHill Polar Services (CPS)



\$ DAS, OPP









--Tank removal





Funded Projects



BOARDWALKS



