

THE CYPRUS INSTITUTE LIVE ACCESS SERVER

GENERAL INFORMATION

The Cyprus Institute Live Access Server (LAS) (<http://www.cyi.ac.cy/>) is a user-friendly web-designed to:

- Provide access to data referenced by latitude, longitude, and time
- Show visualizations of the data as requested
- Provide subsets of the specific parameters in a choice of file formats
- Present the numerical data collected
- Unify access to multiple types of data in a single interface
- Compare plots of variables from the same or different datasets

MAJOR GOALS

- Provide a regional resource and service to climate researchers, policy makers, stakeholders and the general public
- Improve the accessibility of data relevant to climate change assessments for the Mediterranean region and the Middle East
- Obtaining the data from different sources
- Ensuring the availability of continued and quality controlled data relevant to climate system

ACCESS TO LAS



Live Access Server About LAS

The Cyprus Institute LAS

Choose dataset Update Plot Set plot options Animate Compare Google Earth Show Values Export to Desktop Application Save As... Link To... Print

Help
OPeNDAP (F-TDS) / THREDDS

Welcome to *Live Access Server*.

To begin, click the "**Choose dataset**" button.

<http://eewrc-las.cyi.ac.cy/las/getUI.do>

Username: guest

Password: cyi

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CURRENT DATA

MODEL DATA

- PRECIS (Hadley Centre) model simulation A1B scenario:
Daily maximum, minimum, mean temperature, precipitation rate for time periods:
1950- 1979, 1980-2009, 2010-2039, 2040-2069, 2070-2099

OBSERVATIONS

Interpolated temperature and precipitation:

- APHRO_ME daily Precipitation V9.02
- CRU TS2.1 and TS3.1 in 0.5 deg
- CPC Monthly Global Analysis in 0.5 deg
- ENSEMBLES E-OBS daily dataset V3.0
- GPCC precipitation in 0.5 deg
- University of Delaware, monthly temperature and precipitation V1.02 in 0.5 deg (1900-2008)

OCEAN DATA

Sea surface and air temperature, wind speed, specific humidity, zonal speed, meridional wind, sea level pressure

REANALYSIS DATA

ERA40 and NCEP DOE 2, daily

SATELLITE DATA

GPCP merged monthly and daily precipitation, CPC monthly merged analysis of precipitation V5.11 in 2.5deg

HOW TO USE

The screenshot shows the 'The Cyprus Institute LAS' web interface. At the top, there are navigation links for 'Live Access Server', 'About LAS', and 'Help'. The main title is 'The Cyprus Institute LAS'. Below the title, there is a toolbar with buttons for 'Choose dataset', 'Update plot', 'Set plot options', 'Animate', 'Compare', 'Google Earth', 'Show Values', 'Export to Desktop Application', 'Save', 'Link To ...', and 'Print'. The URL bar shows '/lasdata/newdata/LASdata/CRUTS2.1/CRUTMP.nc'. The main content area displays a map of the Mediterranean region with a color scale for temperature. The map is labeled 'LAS 7./Ferret 6.72 NOAA/PMEL' and 'TIME : 15-JAN-1997 00:00 DATA SET: /lasdata/newdata/LASdata/CRUTS2.1/ CRUTMP.nc'. The map shows a color scale from -16 to 29.7. On the left side, there are controls for 'MAPS' (Latitude-Longitude, Longitude-Time, Latitude-Time), 'HOVMOLLER PLOTS' (Longitude-Time, Latitude-Time), and 'LINE PLOTS' (Time Series, Longitude, Latitude). There is also a 'Date' selector set to 'Jan 1997' and an 'Apply analysis' button. A small inset map shows the location of the main map area. The bottom of the page contains a footer with 'US Department of Commerce NOAA | OAR | PMEL | Contacts | Privacy Policy | Disclaimer | mailto: ops@cyi.ac.cy'.

- a. Select the variable you want
- b. Enter the username & password
- c. Choose latitude-longitude map
- d. Select on the map the area you want by using the box
- e. Select date (eg. Jan 1997)
- f. Click: Update plot
- g. Click: save as (if you need to save the data as netcdf or ascii)

OTHER OPTIONS:

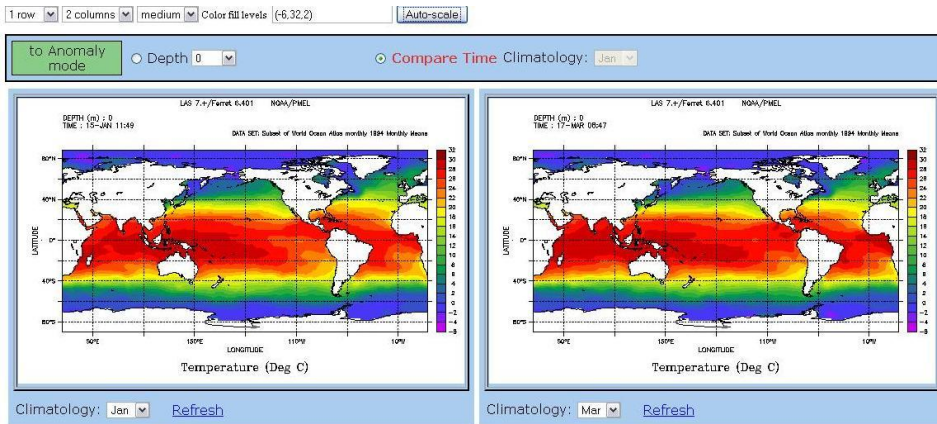
- Apply analysis (calculate min, max, average, sum, variance)
- Compare plots
- Export plot in google earth map
- Time series

TECHNICAL CHARACTERISTICS

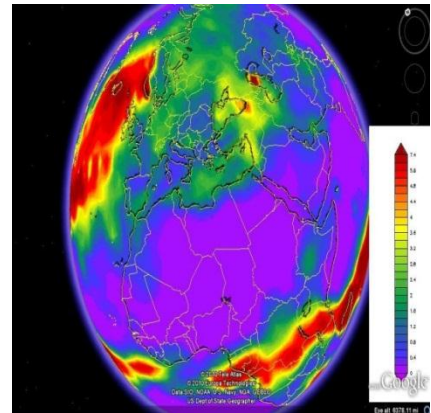
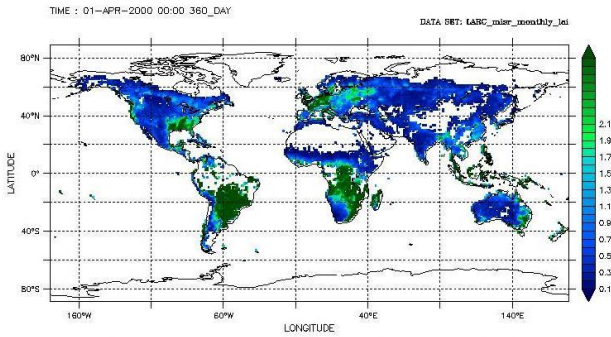
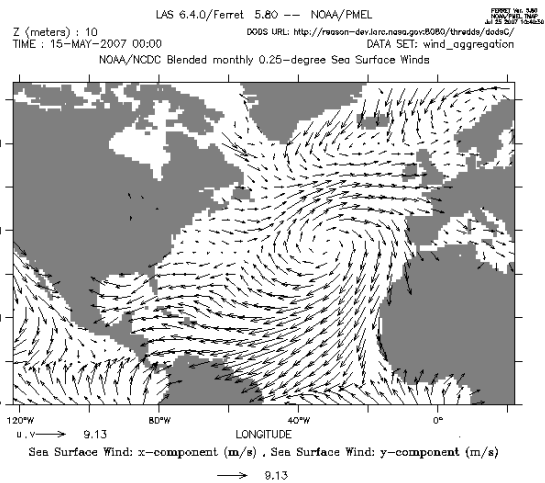
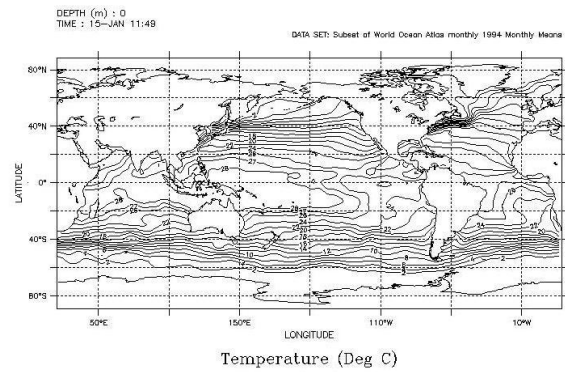
LAS software is developed by NOAA-PMEL (National Oceanic and Atmospheric Administration/Pacific Marine Environmental Laboratory) of US Dep. Of Commerce. Information about how to download, install and use LAS can be found at the following site:

<http://ferret.pmel.noaa.gov/LAS/home/documentation/introduction/using-the-las-user-interface/>

PLOT OUTPUT



The LAS comparison plot interface was originally inspired by the [Web Image Slide Tray](#) from NOAA/NGDC.



CONTACT

Christina Oikonomou
c.oikonomou@cyi.ac.cy