The Asia-Pacific Data Research Center (<http://apdrc.soest.hawaii.edu>) serves out climate data mostly for climate scientists.  If you go to <http://apdrc.soest.hawaii.edu/data/data.php> you can see a list of all the data sets we serve.  An ascii summary is below.

AFES (IPRC affiliates)
AIRS level-3 12-hourly standard retrieval
AMSR
Aquarius Sea Surface Salinity V4
Aquarius OISSS (IPRC gridded products)
Argo
Argo (IPRC Argo products)
ASCAT Advanced SCATterometer
AVISO TOPEX/ERS/Jason1 merged
Bimodal ISO index (MJO & BSISO)
CAMS OLR precipitation
CSIRO Atlas of Regional Seas (CARS2000)
Cross-Calibrated Multi-Platform (CCMP) Ocean Surface Winds
CliPAS Hindcast
CMAP
CMIP5 (uniform lat/lon grid)
CO2 Flux
COADS (iCOADS version 2.5)
CPC Rainfall
Climate Research Unit (CRU)
Data Assimilation System of KIOST (DASK)
Earth Radiation Budget Satellite (ERBS) product
ECBilt-CLIO Transient climate simulation
ECCO2-JPL Model Simulation (local; subset)
ECMWF
ECMWF ERA-40
ECMWF ERA-Interim
ECMWF ORA-S3
ECMWF ORAS4
ERS1 Wind
ERS2 Wind (WOCE)
ESRL/NOAA 20th Century Reanalysis – Version 2
ETOPO Global Relief Model (1', 2', 5', Indian Ocean modified)
FNMOC
GAME reanalyses
GEBCO
GFDL Ocean Model Output
GIMMS Vegetation Index
Global Temperature and Salinity Profile Programme (GTSPP)
Goddard Satellite-based Surface Turbulent Fluxes (GSSTF)
GOES Precipitation index
GPCC precipitation
GPCP merged precipitation
GPM IMERG L3 precipitation
Group for High Resolution Sea Surface Temperature (GHRSST)
Hadley Centre EN4: subsurface analyses
HadSST (HadISST1,HadSST2 & 3)
Hawaiian Islands regional atmospheric model
Hawaiian Island Tidal Flows
Hawaiian Regional Climate Model Simulations (HRCM)
HYCOM (Global & Hawaiian Islands Region)
Hydrobase 2
Ifremer Daily Turbulent Fluxes, v3
India Rainfall
IROAM
ISCCP D2 satellite cloud
Intraseasonal Variability Hindcast Experiment (ISVHE)
J-OFURO
Jaeger precipitation
Japan Coastal Ocean Prediction Experiment (FRA-JCOPE2)
Japan GODAE, NGSST
Japanese 25-year ReAnalysis (JRA-25)
LADCP (CLIVAR Lowered ADCP)
Legates precipitation
LIS-OTD Lightning
LOVECLIM: North Altantic meltwater pulse experiment
Mean Dynamic Ocean Topography (1992-2002)
MERRA Daily Averaged v5.2.0
MODIS Aqua SST level 3
MODIS Aqua Chlorophyll-a level 3
MODIS Vegetation Indices
MSU observed atmospheric temperature
MTSAT-1R
NCEP / NCEP2
NCEP Global Ocean Data Assimilation System (GODAS)
NOAA Interpolated outgoing longwave radiation
NOAA/NSIDC Climate Data Record of Passive Microwave Sea Ice Concentration, V2
NOAA SST (ERSST & OISST)
NRL NCOM 1/8° Hindcast (Hawaii)
NRL NLOM 1/16° Nowcast (6/02/02-3/11/06) output
NRL NLOM 1/32° Nowcast output
Ocean Mixed Layer Depth Climatology
OFES (IPRC affiliates)
OFES (Registered users)
OSCAR 1/3° surface currents v2009 Remote rate:
Pathfinder AVHRR SST
PRIDE
QuikSCAT
Rainfall stations
RIAM Japan Sea assimilation (KYUSHU)
SeaWiFS v4.1 & v5.1
SeaWiFS v5.2
Smith and Sandwell Surface relief
SODA POP
Statistical Downscaling of Rainfall for the Hawaiian Islands
Surface CUrrents from Diagnostic model (SCUD)
SSALTO DUACS
TOMS Aerosol Optical Depth
TOPEX (see AVISO - TOPEX)
TOPEX MRI-JMA
TRMM
Typhoon Reanalysis for the Western Pacific
U Delaware monthly moisture index
U Delaware terrestrial T and precipitation
U Delaware terrestrial Water Budget
Unified ENSO Proxy
U Hawaii Sea Level
Wave and Anemometer-based Sea Surface Wind (WASWind)
WAVEWATCH III
Windsat Version-7.0.1
World Ocean Atlas (Levitus; WOA)
World Ocean Database 2013
WOCE insitu (CM/CTD/UOT)
WOCE Satellite SST & Sea Level
WHOI OA Air-Sea Fluxes (OAFlux)