Ocean Product Status

V2.2 Delivery

- Reduced # ESDT's (~2000 ->160)
- Updated Science Algorithms
  For Brown, Minnett (SST),
  Gordon(visible Water leaving radiance)
  Clark (Chlorophyll, K490)
  Carder (ARP, packet effect)
  Abbott (Fluorescence)

- Program execution efficiency
  L2 – Atmospheric correction, selective execution
  L3 - Improved HDF utilization
  Algorithms timed and tested using both AVHRR, SeaWiFS and synthetic data sets
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- Future efforts and post launch
  Investigate flight data to determine needed updates
  Refine Q/A
  Identification (+correction?) for absorbing aerosols (SST and ocean color)
  Production of SST and ocean color reference climatology using AVHRR and SeaWiFS; RT models

- Ocean Product web page

Modis results for converted Seawifs data July 2nd & 3rd 1998 composite of all pixels

(modcol version of 4/17/99)

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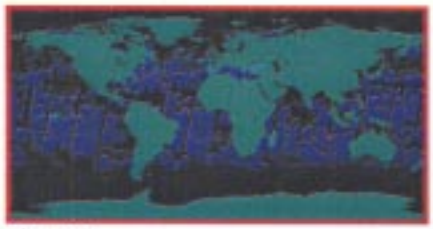
nLw_412

nLw_443

nLw_488

nLw_531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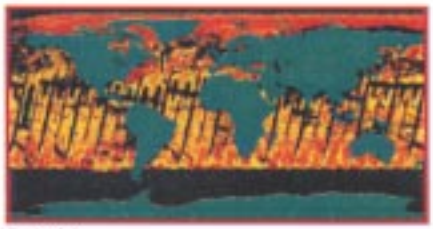
Tau_865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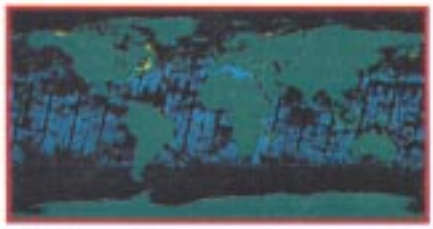
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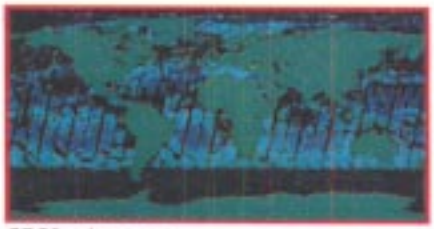
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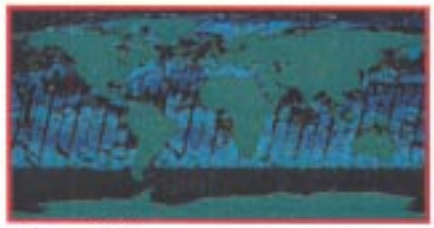
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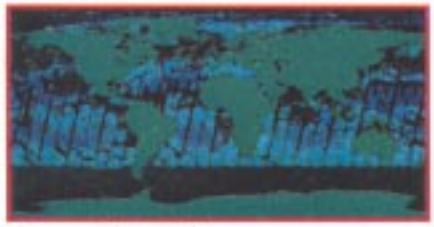
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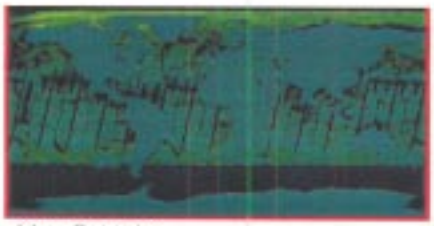
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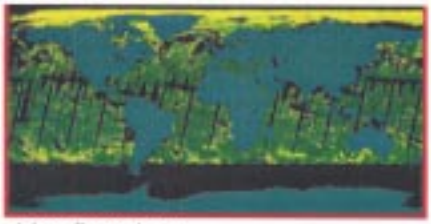
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K_490

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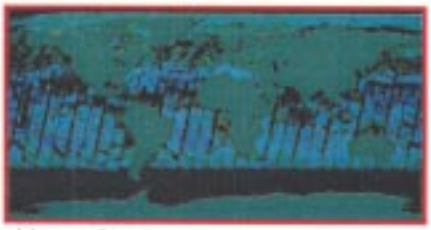
phycou_conc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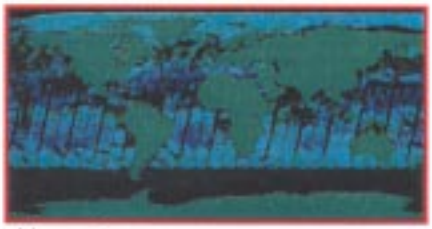
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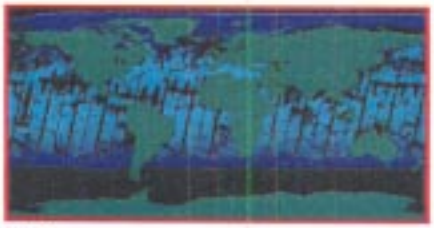
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arp

absorp_coef_gelb

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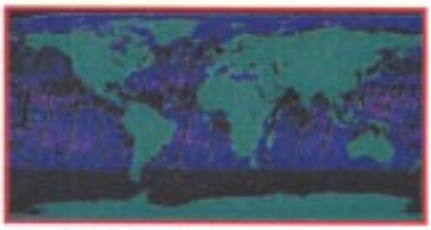
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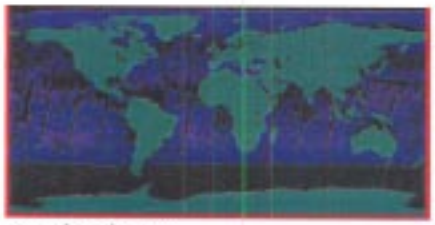

tot_absorb_488

tot_absorb_531

tot_absorb_551

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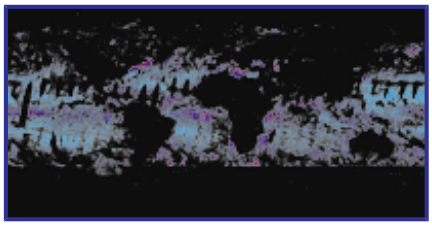
Rosenstiel School of Marine & Atmospheric Science

Converted Seawifs data for July 2-3 1998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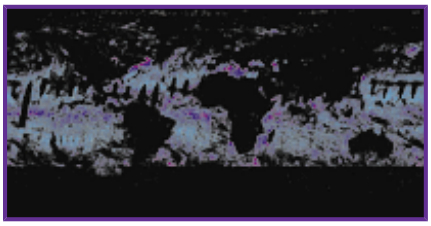
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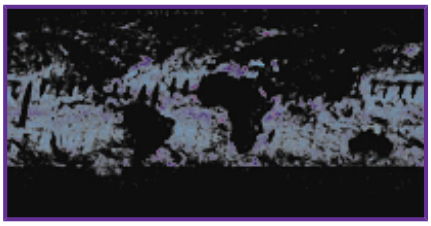
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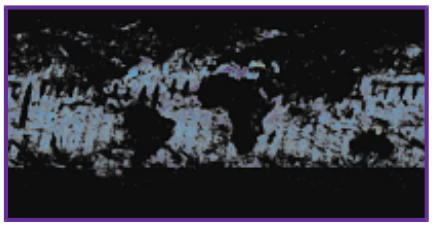
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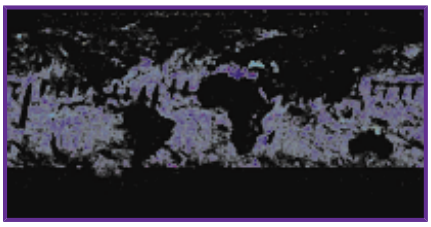
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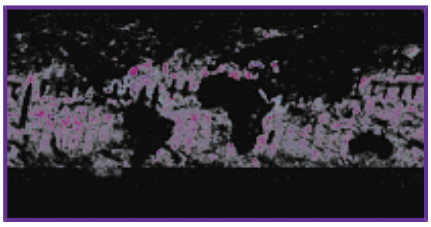
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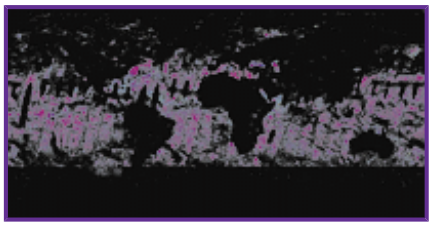
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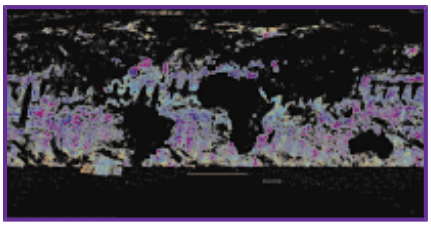
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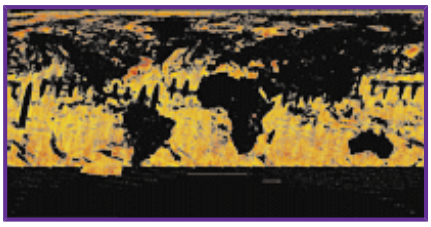
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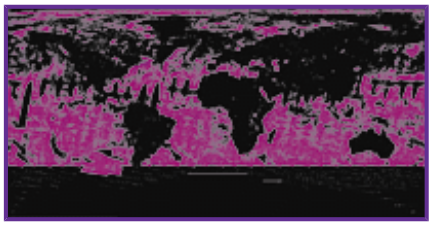
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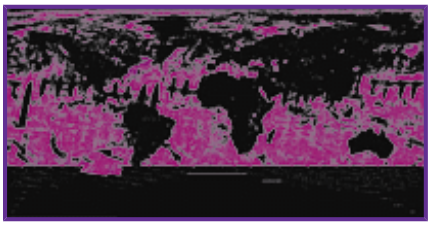
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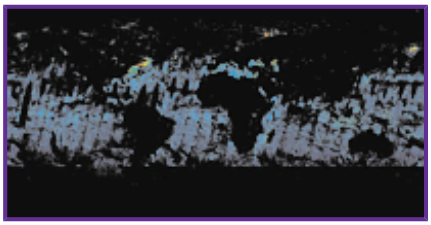
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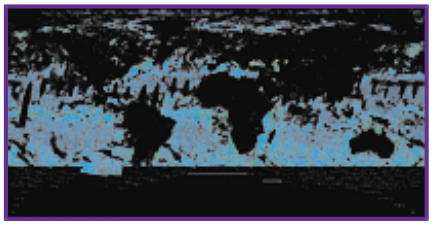
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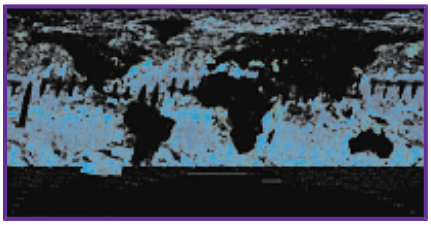
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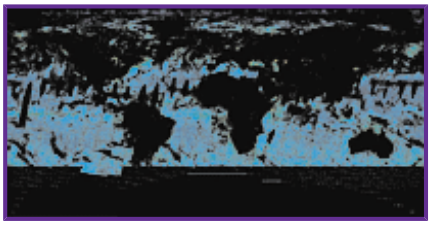
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