Figure 3. Globally averaged CO$_2$ (a) and its growth rate (b) from 1983 to 2004.

Figure 4. Globally averaged CH$_4$ (a) and its growth rate (b) from 1984 to 2004.

Table 1. Global abundances of key greenhouse gases as of December 2004 as well as trends from the WMO-GAW global greenhouse gas monitoring network.

<table>
<thead>
<tr>
<th></th>
<th>CO$_2$ (ppm)</th>
<th>CH$_4$ (ppb)</th>
<th>N$_2$O (ppb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Global abundance</td>
<td>377.1</td>
<td>1783</td>
<td>318.6</td>
</tr>
<tr>
<td>2004 abundance relative to year 1750</td>
<td>136%</td>
<td>255%</td>
<td>118%</td>
</tr>
<tr>
<td>2004 absolute increase</td>
<td>1.8</td>
<td>0</td>
<td>0.7</td>
</tr>
<tr>
<td>2004 relative increase</td>
<td>0.47%</td>
<td>0%</td>
<td>0.22%</td>
</tr>
<tr>
<td>Mean annual absolute increase during last 10 years</td>
<td>1.9</td>
<td>3.7</td>
<td>0.8</td>
</tr>
</tbody>
</table>
Dec-Feb 2006 Temperature Anomalies
(with respect to a 1961-1990 base period)
National Climatic Data Center/NESDIS/NOAA
Regions of Enhanced Sensitivity Due to Recent Seasonal Climate Variability
January 2006 Statewide Ranks
National Climatic Data Center/NESDIS/NOAA

Temperature
1 = Coldest
112 = Warmest

Record Coldest
Much Below Normal
Below Normal
Near Normal
Above Normal
Much Above Normal
Record Warmest

!
Standardized Precipitation Index
Twelve Months

March 2005-February 2006

National Climatic Data Center, NOAA
The most recent 90-day precipitation and temperature anomaly patterns show several wintertime features that are usually expected during La Niña, such as drier than average in the Southwest and portions of the Southeast, wetter-than-average conditions in the Pacific Northwest, and warmer-than-average conditions in the southern Plains and mid-Atlantic.
Model Forecasts of ENSO from Mar 2006

Dynamical Model:
- NASA
- NCEP/CFS
- SCRIPPS
- JMA
- LDEO
- AUS/POAMA
- ECMWF
- UKMC
- KOREA SNU
- ZHANG ICM
- ECHAM/MOM
- COLA ANOM

Statistical Model:
- CPC MKOV
- CDC LIM
- CPC CA
- CPC CCA
- CSU CLIPR
- UBC NNET
- FSU REGR
- UCLA-TCD

NINO3.4 SST Anomaly(°C) vs OBS:FORECAST

Months:
- DJF 2006
- Feb
- MAM
- AMJ
- MJJ
- JJA
- JAS
- ASO
- SON
- OND
- NDJ
### Table II-14. R&D in the Department of Commerce

(budget authority in millions of dollars)

<table>
<thead>
<tr>
<th></th>
<th>FY 2005</th>
<th>FY 2006</th>
<th>FY 2007</th>
<th>Change FY 06-07</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Actual</td>
<td>Estimate</td>
<td>Budget</td>
<td>Amount</td>
</tr>
<tr>
<td>National Oceanic and Atmospheric Administration (NOAA - Non R&amp;D excluded)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total NOAA R&amp;D</td>
<td>646</td>
<td>617</td>
<td>578</td>
<td>-39</td>
</tr>
</tbody>
</table>