

# ICRCCM - Phase 3

## Longwave

Radiation Model Intercomparisons  
AND  
Comparisons of Model Calculations  
With Observations

*emphasis is on application to*

***CLIMATE STUDIES***

## GRP Recommendation from 2001

To **prepare and publish** (Internet, CD-ROM, etc.) the standard case study inputs and LBLRTM flux results associated with absorption by water vapor. The published “package” should allow for further RT code comparisons, but **it is not recommended to actually undertake any comparisons.**

## Activities - 2004-05

1. Redid Clear-sky (LBLRTM) line-by-line baseline cases for many of the ICRCCM-1 case studies
2. Updated a [Web site](http://www.met.fsu.edu/people/ellingson/LBLWeb/) for accessing the model results  
URL is  
<http://www.met.fsu.edu/people/ellingson/LBLWeb/>
3. Met with GRP committee  
Continuous Intercomparison of Radiation Codes (CIRC)  
to discuss future of ICRCCM and CIRC

# Continuous Intercomparison of Radiation Codes (CIRC)

- Directed at enabling the testing of radiation codes with ARM data and with model calculations resulting from previous, long-and-short wave ICRCCM studies
- Committee chaired by Lazarus Oreopoulos
- ARM has agreed to host ICRCCM/CIRC web site (not yet implemented).
- CIRC has developed a set of priorities to be discussed at the GRP meeting in Fall 2006. When this is finalized, it will be proposed that CIRC and ICRCCM be combined.

## Proposed Activities - 2005-2006

Work with CIRC leader, Lazarus Oreopoulos, to prepare a proposal for ongoing ICRC/M and CIRC activities. Proposal to be presented at the 2006 IRC meeting.