

THERMOCALC Workshop 2001: Calculating Metamorphic Phase Equilibria

This file is the starting point for all the current documentation. Hypertext links (open red boxes) lead from here to all the constituent documentation/information files. And in each there is a hypertext link back here. All hypertext links are in red in an open red box.

This documentation does *not* cover anything to do with the appropriateness or otherwise of applying equilibrium thermodynamics to particular rocks or petrological problems.

- background
 - introduction: terminology, Schreinemakers, “projection”...
 - internally-consistent thermodynamic datasets
 - *a-x* relationships
 - calculating mineral equilibria
- THERMOCALC
 - introduction to THERMOCALC
 - datafile construction
 - script documentation
 - calculating phase diagrams with THERMOCALC
 - average *PT*
 - web site for Powell *et al.* (1998)
- DRAWPD
 - datafile construction and example
- AX
 - introduction
 - *a-x* relationships used by AX
- pracs
 - prac 1
 - prac 2
 - additional pracs
 - answers **1 2**
- also
 - symbol table, mineral and end-member abbreviations
 - THERMOCALC and DRAWPD datafile names
 - example phase diagrams and phase diagram movies
 - Mathematica code
 - sundry refs **+ reading list**