

THERMOCALC datafile names

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KFMASH

All the “th dk” (PC: “thdk.txt”) files have exactly the same $a-x$ coding of the phases, but with different scripts for different purposes. The “th dka” files have “in excess” phases, $q + \mu + \text{H}_2\text{O}$, appropriate for subsolidus conditions; the “th dkb” files have “in excess” phases, q , appropriate for solidus and supersolidus conditions (but under higher T conditions, these may melt out).

suffix	purpose
ka1	PT projection
ka1a	PT projection, with “setiso” on
ka2	PT pseudosection
ka4	AFM compatibility diagram
kb1	PT projection
kb2	PT pseudosection

NCKFMASH

All the “th dnck” (PC: “thdnck.txt”) files have exactly the same $a-x$ coding of the phases, but with different scripts for different purposes. They have q as an “in excess” phase, being appropriate for solidus and above conditions.

suffix	purpose
nck1	PT projection
nck2	PT pseudosection
nck3a	Tx pseudosection: varying H_2O
nck3b	Tx pseudosection: melt-residue

There is also the DRAWPD datafile, “dr dnck” (PC: “drdnck.txt”), corresponding to “th dnck2”.