

the accuracy of parameterizing other diabatic effects (such as latent heat release) with which it is combined in the thermodynamic equation. Answers to the detailed problems he cites may well find their most important application to the longer-range questions inherent in understanding (and predicting) climate.

One might note some minor flaws, but these are more than compensated for by the wealth of references, many of them to Soviet work not widely known in the West. Kondratyev has clearly succeeded in his aim; this interesting book will be stimulating reading to those interested in theoretical and experimental aspects of radiative transfer and to modelers of atmospheric dynamics.

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