Table 1. Characteristics of Models Selected from PIRCS Experiment 1b

Model	Investigator	Grid	Levels	Dynamics	Convection Scheme	Lateral Boundary Condition	Reference
ClimRAMS	Liston, Pielke	PS	20	NON	K-A	PAR/10	Pielke et al. (1992)
CRCM	Caya, Laprise	LL	20	NON	K-F		Caya and Laprise (1999)
DARLAM	McGregor, Katzfey	PS	18	HYD	Modified A-S	EXP/10	McGregor et al. (1993), McGregor and Walsh (1994)
ETH	Lüthi	RLL	20	HYD	MF		Lüthi et al. (1996)
HIRHAM	Christianson, Lopez	MER	19	HYD	MF	EXP/10	Christensen et al. (1997)
MM5-BATS	Lapenta	LC	32	NON	Grell	LIN/4	Grell et al. (1993), Lakhtakia and Warner (1994)
MM5-ANL	Taylor	LC	23	NON	Grell	LIN/4	Taylor and Larson (2001)

Model	Investigator	Grid	Levels	Dynamics	Convection Scheme	Lateral Boundary Condition	Reference
NCEP RSM	Hong	PS	28	HYD	Grell	EXP/10	Juang et al. (1997)
PROMES	Gaertner	LC	26	NON	K-F	LIN/8	Gaertner et al. (2001)
RegCM2	Pan	LC	14	HYD	Grell	EXP/10	Giorgi et al. (1993a,b), Giorgi et al. (1996)
Scripps RSM	Roads, Chen	MER	28	HYD	A-S	EXP/10	Juang and Kanamistsu (1994)
SweCLIM	Jones	RE	19	HYD	K-F	TANH/8	Jones and Willen (2001)

Dynamics: HYD, hydrostatic; NON, nonhydrostatic. Horizontal grid types: MER, Mercator (latitude-longitude); PS, polar stereographic; LC, Lambert conformal. Convection scheme: AS, *Arakawa* and *Schubert* (1974); Grell, *Grell et al.* (1993) and *Grell* (1993); MF, mass flux scheme following *Tiedke* (1989); KA, *Kuo* (1974), KF, Kain-Fritsch *Kain* and *Fritsch* (1990). Lateral BC: weighting function used blending large-scale and internal tendencies (LIN, linear decrease toward center of domain; EXP, exponential decrease; PAR, parabolic decrease; TANH, hyperbolic tangent profiles) and number of grid points in the blending region.