

Domain	PBL mode	PBL scheme	SGS scheme	$dx, dy$ (m)	Vertical levels	Vertical levels ( $< 1000$ m)	$dt$ (s)	Max. slope angle ( $^{\circ}$ )
d01	non-LES	YSU <sup>1</sup>	1.5 order TKE <sup>2</sup> closure	1350	40	8	1 (6)	17.5 (9.9)
d02	LES	–	1.5 order TKE <sup>2</sup> closure	450	40	8	1/3 (2)	35.2 (26.5)
d03	LES	–	1.5 order TKE <sup>2</sup> closure	150	60	9	1/9 (1/2)	39.8 (36.8)
d04	LES	–	1.5 order TKE <sup>2</sup> closure	50	90	21	1/27 (1/4)	44.5 (37.4)