

**Table: Operational global ensemble prediction systems as of December 2010.**

	BOM <sup>1</sup> Australia	CMA <sup>2</sup> China	CMC <sup>3</sup> Canada	CPTEC <sup>4</sup> Brazil	ECMWF <sup>5</sup> Europe	JMA <sup>6</sup> Japan	KMA <sup>7</sup> Korea	Meteo France France	NCEP <sup>8</sup> USA	UKMO <sup>9</sup> UK
Model Uncertainty	N/A	N/A	SP, SKEB, MP	N/A	SP	SP	N/A	MP	SP	SP, SKEB
Initial Perturbation (Model Resolution)	SVs (TL42L19)	BVs (T213L??)	EnKF (0.9degL28)	EOF-based (T126L28)	EDA&SVs (TL42L62)	SVs (TL63L40)	BVs ?	SVs (T44L65, T95L65)	ETR (T126L28)	ETKF ?
Forecast Model Resolution	TL119L19	TL213L31	0.9degL28	T126L28	TL639L62 (0-10d) TL319L62 (10-15d)	TL319L60	T213L40	TL358L65	T126L28	0.5555°(lat)× 0.8333°(lon)L70
Initial UTC	00, 12	00, 12	00, 12	00, 12	00, 12	12	00, 12	06, 18	00, 06, 12, 18	00, 12
Member/run	33	15	21	15	51	51	17	35**	21***	24
Forecast Length (days)	10	10	16	15	15	9	10.5	3, 4.5*	16	15
Available period	2007.09.03.00- -2010.07.20.12	2007.05.15.00-	2007.10.03.00-	2008.02.01.00-	2006.10.01.00-	2006.10.01.00-	2007.12.28.00- -2010.11.30.12	2007.10.25.18-	2007.03.05.00-	2006.10.01.00-

\*: 3(4.5) days for 06(18)UTC. 2.5 days until 2009.12.07.18

\*\* : 11 members/run only at 18UTC until 2009.12.07.18

\*\*\*:15 members/run until 2007.03.27.12

1. BOM: Bureau of Meteorology

2. CMA: China Meteorological Administration

3. CMC: Canadian Meteorological Center

4. CPTEC: Centro de Previsão de Tempo e Estudos Climáticos

5. ECMWF: European Centre for Medium-Range Weather Forecasts

SP: Stochastic perturbation of physics tendency

MP: Multi parameterizations

6. JMA: Japan Meteorological Agency

7. KMA: Korea Meteorological Administration

8. NCEP: National Centers for Environmental Prediction

9. UKMO: United Kingdom Meteorological Office

SKEB: Stochastic Kinetic Energy Backscatter

EDA: Ensembles of Data Assimilation