



As of December 2015

	fcst length	model resolution	ens. Size	fcst freq. (UTC)	initial perturbation (model resolution)	model uncertainty	DA for cntrl analysis	data available period	orig data grid
<b>BoM (Australia)</b>	10 days	TL119L19	33	00, 12	SVs (TL42L19)	No	?	2007.09.03.00 - 2010.07.20.12	1.5 x 1.5
<b>CMA (China)</b>	10 days	TL213L31	15	00, 12	BVs (T213L??)	SPPT	GSI	2007.05.15.00 -	0.28125 x 0.28125
<b>CMC (Canada)</b>	16 days	N200L40 (800 x 400)	21	00, 12	EnKF (66kmL74)	SPPT, SKEB, multi-param	EnKF	2007.10.03.00 -	1.0 x 1.0
<b>CPTEC (Brazil)</b>	15 days	T126L28 (384 x 196)	15	00, 12	EOF-based (T216L28)	No	from NCEP	2008.02.01.00 -	0.9375 x 0.9375
<b>ECMWF (Europe)</b>	15 days	Tco639L91(<D10) Tco319L91(>D10)	51	00, 12	SVs (TL42L42)	SPPT, SKEB	ensemble 4D Var	2006.10.01.00 -	N320 reduced gauss (640 lat, 1080 lon@35N)
<b>JMA (Japan)</b>	11 days	TL479L60	27	00, 12	SVs (TL63L40)	SPPT	4D Var	2006.10.01.12 -	1.25 x 1.25
<b>KMA (Korea)</b>	12 days	N320L70 (1280 x 640)	24	00, 12	ETKF (N320L70)	SKEB2, RP2	Hybrid ens. and 4D Var	2007.12.28.00 - 2010.11.30.12 (prev.) 2011.03.01.00 -	0.375 x 0.5625
<b>Met.Fra (France)</b>	3 days (06) 4.5 days (18)	T538C2.4L65	35	06, 18	SVs (T44L65, T95L65)	multi package?	4D Var	2007.10.25.18 -	1.5 x 1.5
<b>NCEP (US)</b>	16 days	T319L91(<D10) T254L61(>D10)	21	00, 06, 12, 18	ETR (T254L91)	SP	GSI	2007.03.05.00 -	1.0 x 1.0
<b>UKMO (UK)</b>	7.25 days	N400L70 (1600 x 800)	12	00, 06, 12, 18	ETKF (N400L70)	SKEB2, RP2	4D Var	2006.10.01.00 -	0.3 x 0.45

the older, the coarser

SPPT: Stochastic perturbation of physics tendency

SKEB: Stochastic Kinetic Energy Backscatter

RP: Random Parameter

GSI: Gridded Statistical Interpolation