



	Real time					Reforecast					orig data grid
	forecast length	model resolution	ens. size	forecast freq.	data available period	system (model ver.)	ens. size	reforecast frequency	reforecast period		
<b>BoM (Australia)</b>	D1 – 62 (00UTC)	T47L17	33	Sun Thu	2015.01.01 -	fixed (2014.01.01)	33	1st, 6th, 11th, 16th, 21st, & 26th of each month	1981 - 2013	T47 (144x72)	
<b>CMA (China)</b>	D0 – 60 (00UTC)	A: T106L40 B: T266L56	4	A: daily B: Mon, Thu	A: 2015.01.01 - B: 2019.11.11 -	A: fixed (2014.05.01-) B: on the fly (2019.11.11 -)	4	A: daily B: Mon, Thu	A: 1994 - 2014 B: previous 15yrs	1.5x1.5	
<b>ECCC (Canada)</b>	D1 – 32 (00UTC)	A: 0.45° x 0.45° L40 B&C: 0.35° x 0.35° L45 (A&B: uncoupled)	21	Thu	A: 2016.01.07 - B: 2018.09.27 - C: 2019.07.04 - D: 2021.12.09 -	on the fly	4	Thu	A: 1995 - 2014 B&C: 1998 - 2017 D: 2001 - 2020	1.5x1.5	
<b>ECMWF (Europe)</b>	A: D0 – 32 B&C: D0 – 46 (00UTC)	A&B: TL639L91(≤D10) TL319L91(>D10) C: Tco639L91(≤D10) Tco319L91(>D10)	51	A: Thu B&C: Mon, Thu	A: 2015.01.01 - B: 2015.05.14 - C: 2016.03.08 -	on the fly A: 2015.01.01 - B: 2015.05.14 -	A: 5 B: 11	A: Thu B: Mon, Thu	previous 20yrs (e.g. 1999-2018)	1.5x1.5	
<b>HMCR (Russia)</b>	A-C: D0 – 61 D: D0 – 46 (00UTC)	A&B: 1.1° x 1.4° L28 C: 0.9°x0.72°L96 (uncoupled)	A&B: 20 C: 41	A: Wed B&C: Thu	A: 2015.01.07 - B: 2017.06.08 - C: 2022.09.15 -	on the fly A: 2015.01.07-, B: 2017.06.08- C: 2021.07.01-, D: 2022.09.15-	A-C: 10 D: 11	A: Wed B-D: Thu	A&B: 1985 - 2010 C: 1990 - 2015 D: 1991-2015	1.5x1.5	
<b>ISAC-CNR (Italy)</b>	A&B: D0 – 31 C: D0 – 32 (00UTC)	0.75° x 0.56° L54 (a 'slab' ocean)	41	A: Mon B&C: Thu	A: 2015.11.09 - B: 2017.01.19 - C: 2017.06.08 -	fixed (2017.06.08)	5	every 5 days	1981 - 2010	1.5x1.5	
<b>JMA (Japan)</b>	A: D0.5 – 33.5 B: D0.5 – 32.5 (A&B: 12UTC) C: D0–34 (00UTC)	A: TL319L60 B: TL479L100 (≤D18), TL319L100 (>D18) (A&B: uncoupled) C: TL319L100 (coupled)	A: 25 B: 50 C: 5	A: Tue, Wed B: Wed* C: daily	A: 2015.01.06 - B: 2017.03.22 - C: 2023.02.19-	fixed A: 2014.03.04-, B: 2017.01.31- C: 2020.03.31-, D: 2021.03.31- E: 2023.02.19-	A&B: 5 C&D: 13 E: 5	A&B: 10th, 20th, & the last date of each month C&D: 15th & the last date of each month E: 16/31 Jan,10/25 Feb,12/27 Mar,11/26 Apr,16/31 May,15/30 Jun,15/30 Jul,14/29 Aug,13/28 Sep,13/28 Oct,12/27 Nov, and 12/27 Dec	A: 1981 - 2010 B: 1981 - 2012 C: 1981-2010 D: 1981 - 2020 E: 1991-2020	1.5x1.5	
<b>KMA (Korea)</b>	D0 – 60 (00UTC)	N216 (0.83° x 0.56°) L85	4	daily	2016.11.01 -	on the fly A: 2016.11.01- B: 2020.09.01-	3	1st, 9th, 17th, & 25th of each month	A: 1991 - 2010 B: 1991 - 2016	1.5x1.5	
<b>Met. France (France)</b>	A. D0 – 61 B. D0 – 32 C. D0 – 47 (00UTC)	A&B: TL255L91 C: TL359L91	A&B: 51 C: 25	A. monthly (1st) B&C. Thu	A. 2015.05.01 - B. 2016.03.03 - C. 2020.10.22 -	fixed (A&B: 2014.12.01 C: 2019.07.01)	A&B: 15 C: 10	A&B: 1st, 8th,15th, & 22nd of each month C: Thu	A&B: 1993 - 2014 C: 1992 - 2017	1.5x1.5	
<b>NCEP (US)</b>	D0 – 44 (00UTC)	T126L64	16	daily	2015.01.01-	fixed (2011.03.01)	4	daily	1999 - 2010	1.5x1.5	
<b>UKMO (UK)</b>	D0 – 60 (00UTC)	N216 (0.83° x 0.56°) L85	4	daily	2015.12.01 -	on the fly A: 2016.01.01 - , B: 2016.04.17 - C: 2017.03.25 - , D: 2018.09.01 -	A&B: 3 C&D: 7	1st, 9th, 17th, & 25th of each month	A: 1996 - 2009 B&C: 1993 - 2015 D: 1993 - 2016	1.5x1.5	

\* After 21 March 2017, JMA's Tue forecast is combined with its Wed forecast for convenience