

Summary of S2S models data downloading on Mar 30 2021

S2S models real-time forecast information

Models	Members	hours(days)	Start years	Frequency	Download	Resolution	Date
ecmwf	50	1104h (46days)	01 Jan 2015	Mon, Thu	Tue, Fridays	1.5x1.5	20210308
*bom	32	1448h (62days)	03 Jan 2016	Sun, Thu	Mon, Fridays	2.5x2.5	20200924
*cma	3	1440h (60days)	11 Nov 2019	Mon, Thu	Tue, Fridays	1.5x1.5	20210308
*cnrm	24	1108h (47days)	01 May 2015	Thu	Fridays	1.5x1.5	20210304
eccc	20	768h (32days)	07 Jan 2016	Thu	Saturdays	1.5x1.5	20210304
*hmcr	19	1464h (61days)	07 Jan 2015	Thu(8Jun17)	Saturdays	2.5x2.5	20210304
*isac	40	744h (31days)	09 Nov 2015	Thu(9Jan17)	Fridays	2.5x2.5	20210304
*jma	49	804h (33.5days)	05 Jan 2016	Wed(15 Mar17)	Fridays	1.5x1.5	20210303
kma	3	1440h (60days)	01 Nov 2016	daily	daily	2.5x2.5	20210307
ncep	15	1056h (44days)	01 Jan 2015	daily	daily	1.5x1.5	20210308
ukmo	3	1440h (60days)	01 Dec 2015	daily	daily	1.5x1.5	20210308

*isac change the update time, after Jan 19 isac updates on Thursday, and before isac update on Tuesday.

*jma real-time update on Wednesdays after Mar 1 2017, instead of Tuesday (Tus stop after Mar 14 2017)

jma real-time perturbed data increases 49 members instead of 24 members after Mar 22 2017

*hmcr real-time after May 31 2017 forecast updates on Thursday, and before hmcr update on Wednesday.

*cma real-time after Nov 11 2019 forecast updates Monday and Thursday, instead of daily.

*cnrm real-time perturbed decreased to 24 members instead of 49 since 22nd October 2020

*bom real-time has been suspended since 25-09-2020

***ecmwf, eccc, cma and cnrm real-time added ocean data.

S2S models reforecast information

Models	Members	days	Start - End years	Frequency	Resolution
**ecmwf	10	46days	past 20 years	on the fly, Mon, Thu, 01 Jan 2015	1.5x1.5 20210412
bom	32	62days	01 Jan 1981 – 26 Dec 2013	fix (2014010) (6/month,)	2.5x2.5 (Gus)
**cma	3	60days	11 Nov 2004 – 09 Nov 2019	fix(20191101) (Mon,Thu)	1.5x1.5 20210329
**cnrm	9	47days	01 Jan 1993 – 15 Dec 2014	fix (20141201) (2/month, 01,15)	1.5x1.5
*eccc	3	32days	05 Jan 1995 – 29 Dec 2014	on the fly, Thur, 07 Jan 2016	20210325
hmcr	9	61days	04 Jan 1985 – 30 Dec 2010	on the fly, Thur, 07 Jan 2015	20210325
isac	5	31days	01 Jan 1981 – 27 Dec 2010	fix (20150326) (every 5 days)	2.5x2.5
*jma	12	33.5 days	10 Jan 1981 – 31 Dec 2010	fix(20140403) (3/month, 10,20,31)	1.5x1.5
*kma	2	60days	01 Jan 1991 – 25 Dec 2010	on the fly, 4/month, 01 Nov 2016	20210417
ncep	3	44days	01 Jan 1999 - 31 Dec 2010	fix (20110312) (daily)	1.5x1.5
*ukmo	6	60days	01 Jan 1993 – 25 Dec 2015	on the fly, 4/month, 01 Jan 2016	20210501

*ecmf, *eccc, *hmcr, *kma *ukmo hindcast are on the fly.

ukmo, kma reforecast on the fly, frequency 4/month (01,09,17,25),

ukmo reforecast perturbed increased 6 members instead of (2 members) from Mar 25 2017

*hmcr after May 31 2017 reforecast updates on Thursday, and before hmcr update on Wednesday.

*eccc reforecast updated hdate period 1998-2017 (instead of 1995-2014) started from Sep 27 2018.

**cma new version reforecast updates on Mon and Thursday instead of daily, start from Nov 11 2019.

**cnrm reforecast perturbed decreased to 9 members instead of 14 since 22nd October 2020

**kma reforecast updated hdate period 1991-2016 (instead of 1991-2010) since Sep 1 2020.

**ecmwf, eccc, cma and cnrm reforecast added ocean data since 2020

* Jma reforecast new version 2020-03-31, the fixed reforecasts (1981-2010), the frequency was reduced from 3 to 2 runs per month with increased ensemble size from 5 to 13.

The S2S data size used summary (on Mar 30 2021)

Models	TOTAL	REF	REL	
ECMF*	61.0T	38.0T	23.0T	
BOM	8.4T	6.9T	1.6T	T
CMA	14.0T	11.6T	2.2 T	
CNRM	18.0T	14.2T	3.3T	
ECCC	4.7T	3.4T	1.3T	
HMCR	7.6T	6.3T	542G	
ISAC	2.6T	2.1T	559G	
JMA	5.8 T	2.2T	3.2 T	
KMA	1.9T	1.3T	604G	
NCEP	8.0T	2.7T	5.4T	
UKMO	20.0T	18.0T	2.6T	
EI (all)	56.7M			
Climatologies	242G	154G	obs 88G	

ECMWF/S2S/realtime_S2S 4.4 T

total S2S 155T (/volume1/DataLibrary/ECMWF/S2S)

/dev/mapper/vg_raid1-vol1
277T 252T 26T 91% /volume1

The S2S data size used summary (on Dec 30 2020)

Models	TOTAL	REF	REL	
ECMF*	43.0T	32.0T	11.0T	
BOM	8.4T	6.9T	1.6T	T
CMA	13.0T	10.6T	2.1T	
CNRM	14.0T	11.0T	3.2T	
ECCC	4.3 T	3.3T	695G	
HMCR	7.0T	5.7T	521G	
ISAC	718G	216G	502G	
JMA	3.7 T	719G	3.0T	
KMA	1.7T	1.1T	566G	
NCEP	7.8T	2.7T	5.1T	
UKMO	19.0T	17.0T	2.8T	
EI (all)	56.4M			
Climatologies	219G	131G	88G	

ECMWF/S2S/realtime_S2S 4.2 T

total S2S 140T (/volume1/DataLibrary/ECMWF/S2S)

/dev/mapper/vg_raid1-vol1

277T 235T 43T 85% /volume1

Sep 18 2020

The S2S data size used summary (on Sep 18 2020)

Models	TOTAL	REF	REL	
ECMF*	58.0T	36.0T	23.0T	
BOM	8.4T	6.9T	1.6T	T
CMA	13.0T	7.8T	1.9T	
CNRM	18.0T	11.0T	2.6T	
ECCC	4.1 T	3.2T	867G	
HMCR	6.1 T	5.6T	495G	
ISAC	759G	264G	531G	
JMA	3.6 T	719G	2.9T	
KMA	1.6T	1019G	512G	
NCEP	7.6T	2.7T	4.9T	
UKMO	19.0T	17.0T	2.3T	
EI (all)	56.4M			
Climatologies	200G	117G	83G	

ECMWF/S2S/realtime_S2S 4.0 T

total S2S 125T (/volume1/DataLibrary/ECMWF/S2S)

The S2S data size used summary (on May 15 2020)

Models	TOTAL	REF	REL	
ECMF*	40.0T	30.0T	10.0T	
BOM	8.2T	6.9T	1.4T	T
CMA	11.0T	8.4T	2.6T	
CNRM	6.8T	4.4T	2.4T	
ECCC	3.8T	2.9T	812G	
HMCR	5.8T	5.3T	465G	
ISAC	684G	216G	468G	
JMA	3.4T	719G	2.7T	
KMA	1.4T	932G	473G	
NCEP	7.3T	2.7T	4.6T	
UKMO	17.0T	15.0T	2.1T	
EI	38.5M			

3.8T /volume1/DataLibrary/ECMWF/S2S/realtime_S2S

total S2S 108T (/volume1/DataLibrary/ECMWF/S2S)

/dev/mapper/vg_raid1-vol1

277T 212T 65T 77% /volume1

The S2S ECMWF data size used summary (on Mar 23 2020)

Models	TOTAL	REF	REL
ECMF ocean data	51.2G	31.2G	19.9G

(starts from Jan 2 2020)

Models	TOTAL	REF	REL
ECMF all data	39.0T	29.0T	9.6T

Mar 23 2020

The S2S data size used summary (on Mar 23 2020)

Models	TOTAL	REF	REL	
ECMF*	39.0T	29.0T	9.6T	
BOM	8.1T	6.9T	1.3T	T
CMA	11.0T	8.2T	2.6T	
CNRM	6.7T	4.4T	2.4T	
ECCC	3.6T	2.8T	744G	
HMCR	5.6T	5.2T	454G	
ISAC	669G	216G	454G	
JMA	3.3T	719G	2.6T	
KMA	1.4T	892G	454G	
NCEP	7.1T	2.7T	4.5T	
UKMO	17.0T	15.0T	2.1T	
EI	38.5M			

3.7T /volume1/DataLibrary/ECMWF/S2S/realtime_S2S

total S2S 105T (/volume1/DataLibrary/ECMWF/S2S)

/dev/mapper/vg_raid1-vol1

277T 209T 68T 76% /volume1

Jan 27 2020

The S2S data size used summary (on Jan 10 2020)

Models	TOTAL	REF	REL	
ECMF*	37.0T	28.0T	9.3T	
BOM	8.1T	6.9T	1.3T	T
CMA	9.9T	7.8T	1.7T	
CNRM	6.7T	4.4T	2.3T	
ECCC	2.6 T	2.0T	543G	
HMCR	5.4 T	5.0T	440G	
ISAC	653G	216G	438G	
JMA	3.2 T	719G	2.5T	
KMA	1.3T	848G	433G	
NCEP	7.0T	2.7T	4.4T	
UKMO	17.0T	15.0T	2.0T	
EI	11.6M			

3.6T /volume1/DataLibrary/ECMWF/S2S/realtime_S2S

total S2S 101T (/volume1/DataLibrary/ECMWF/S2S)

Jan 10 2020

The S2S data size used summary (on Jan 10 2020)

Models	TOTAL	REF	REL	
ECMF*	37.0T	28.0T	9.2T	
BOM	8.1T	6.9T	1.3	T
CMA	9.8T	7.8T	1.7T	
CNRM	6.7T	4.4T	2.3T	
ECCC	2.5 T	2.0T	536G	
HMCR	5.4 T	5.0T	435G	
ISAC	649G	216G	434G	
JMA	3.2 T	719G	2.5T	
KMA	1.3T	848G	425G	
NCEP	7.0T	2.7T	4.3T	
UKMO	17.0T	15.0T	2.0T	
EI	11.6M			
3.6T /volume1/DataLibrary/ECMWF/S2S/realtime_S2S				
total S2S	101T	(/volume1/DataLibrary/ECMWF/S2S)		

Dec 31 2019

The S2S data size used summary (on Dec 31 2019)

Models	TOTAL	REF	REL	
ECMF*	36.0T	28.0T	8.7T	
BOM	8.0T	6.9T	1.2T	
CMA	9.8T	7.8T	1.7T	
CNRM	6.6 T	4.4T	2.2T	
ECCC	2.4 T	1.9T	532G	
HMCR	5.3 T	4.9T	434G	
ISAC	645G	216G	430G	
JMA	3.2 T	719G	2.5T	
KMA	1.3T	848G	421G	
NCEP	6.9T	2.7T	4.3T	
UKMO	17.0T	15.0T	2.0T	
EI	9.0M+9.6M+11M=11.6M			
3.6T /volume1/DataLibrary/ECMWF/S2S/realtime_S2S				
total S2S	100T			