



World Meteorological Organization

Weather • Climate • Water

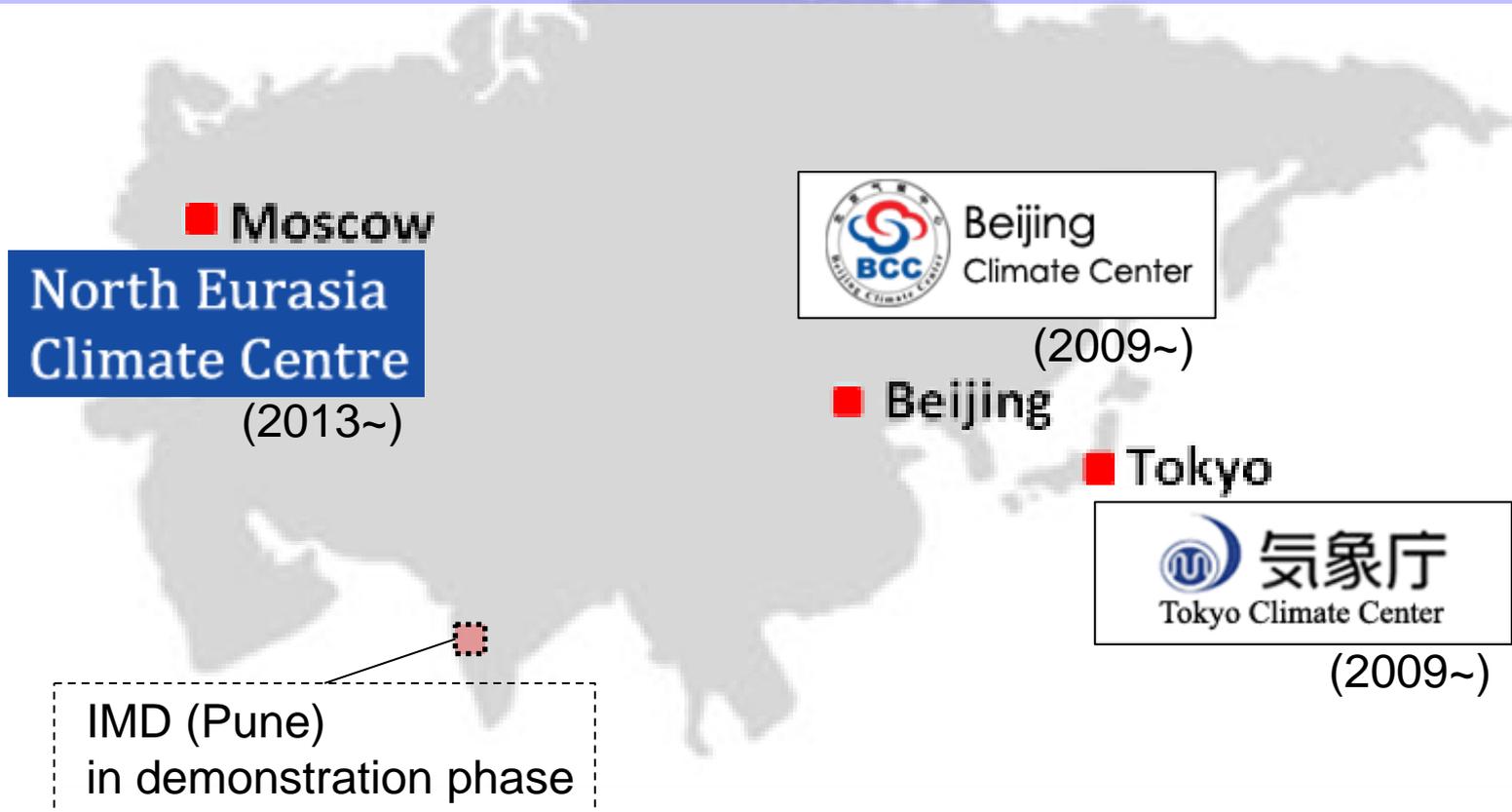
Status of Implementation of RCCs in RA II

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(Thanks to Mr A. Shimpo, Chairperson of RA II WGCS)

RCCs in RA II

3 designated RCCs (Beijing, Tokyo and Moscow)



<http://www.rccra2.org/>
<https://www.wmo.int/pages/prog/wcp/wcasp/RCC-Asia.html>

RCCs in RA II

3 designated RCCs (Beijing, Tokyo and Moscow)

- All RCCs are multifunctional Centres (LRF, monitoring, data service and training).
- RCCs Beijing and Tokyo cover the whole region and RCC Moscow covers Commonwealth of Independent States in RA II.

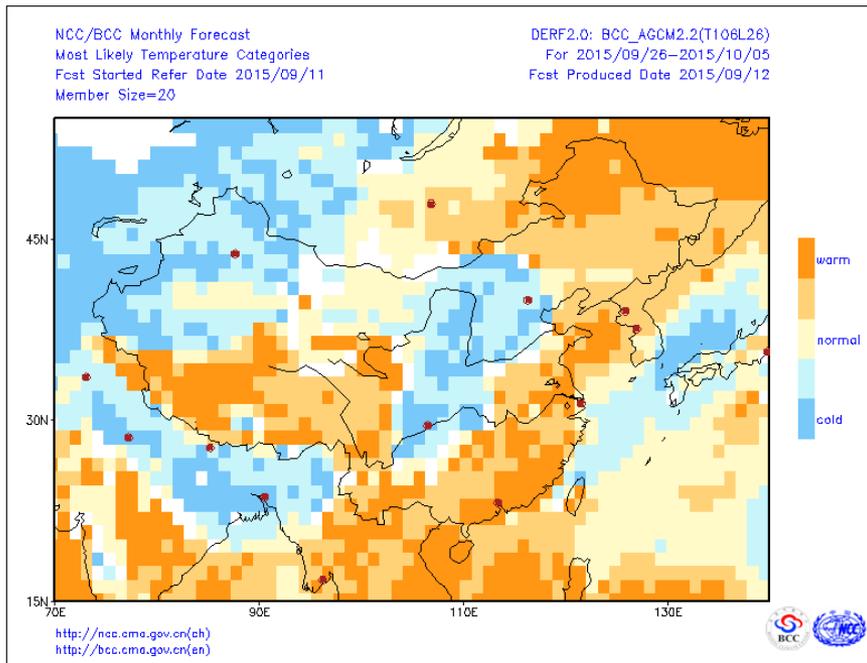


<http://www.rccra2.org/>
<https://www.wmo.int/pages/prog/wcp/wcasp/RCC-Asia.html>

Long Range Forecasts

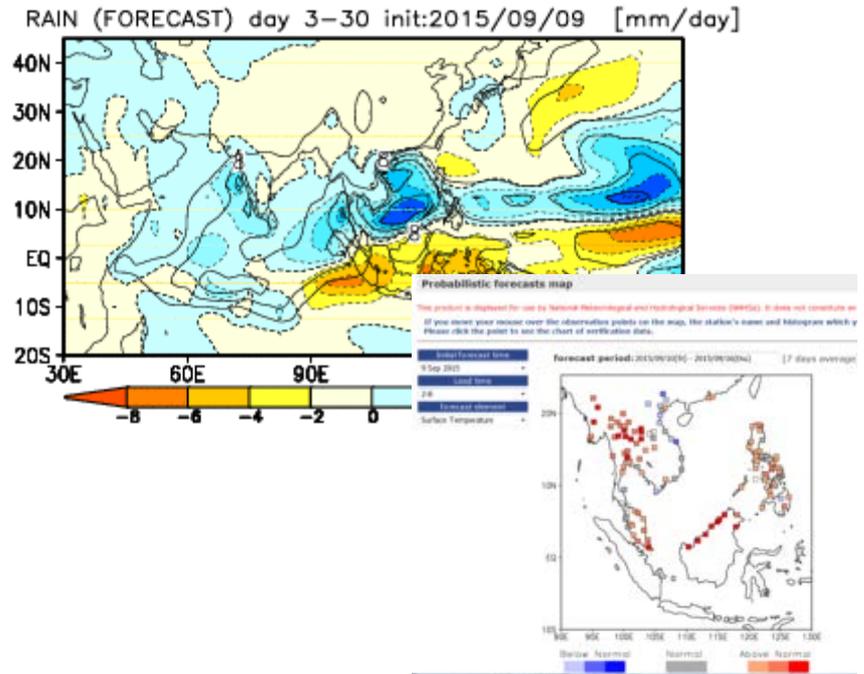
BCC and TCC provide various one-month and seasonal forecast. Gridded data of seasonal forecast models are available their webpages. For users' convenience, both center provide probabilistic forecast for each grid or for station points.

Examples of BCC's long-range forecasts



<http://bcc.cma.gov.cn/channel.php?channelId=22>

Examples of TCC's long-range forecasts



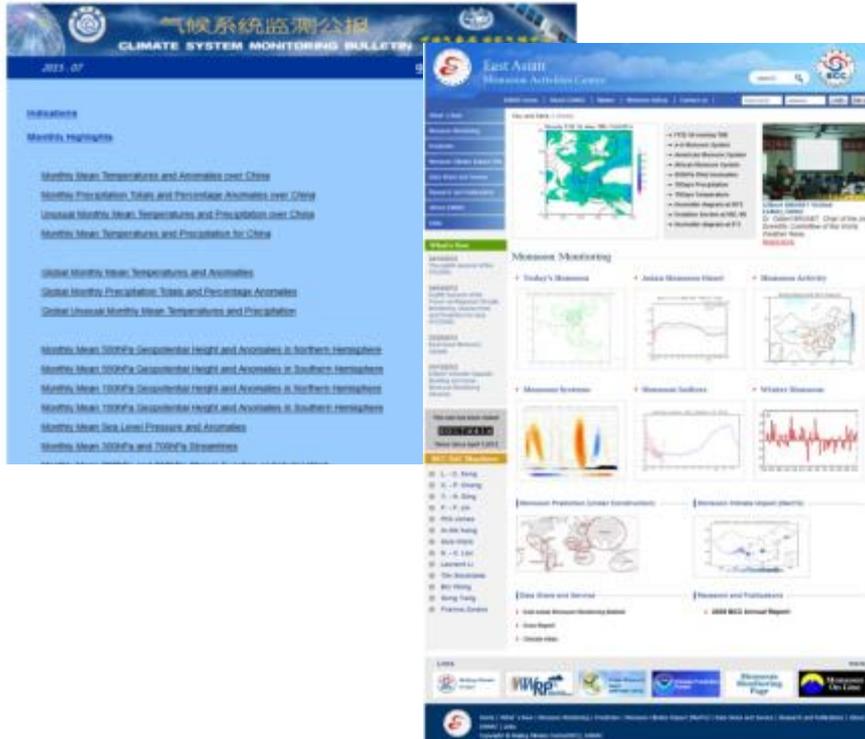
<http://ds.data.jma.go.jp/tcc/tcc/products/model/index.html>



Climate System Monitoring

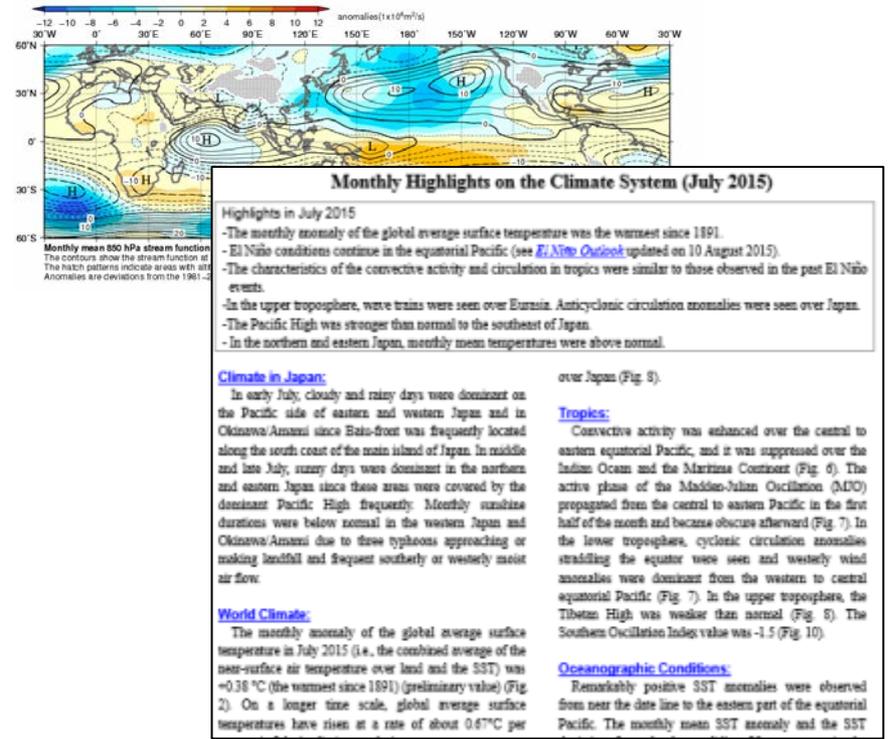
BCC and TCC monitor climate systems including Asian monsoon and El Nino/La Nina condition. Highlight text and various diagnostic figures are summarized in a monthly/seasonal bulletin.

Examples of BCC's monitoring products



<http://bcc.cma.gov.cn/channel.php?channelId=25>
<http://bcc.cma.gov.cn/EAMAC/>

Examples of TCC's monitoring products



<http://ds.data.jma.go.jp/tcc/tcc/products/model/index.html>

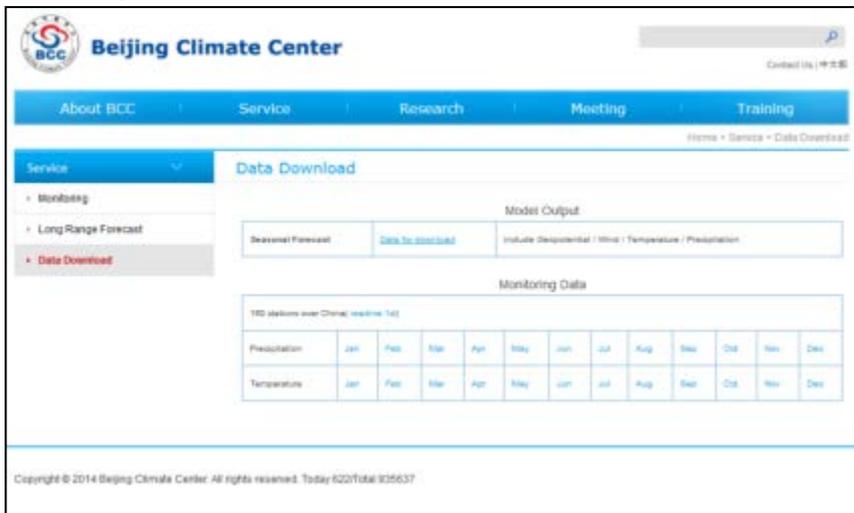


Operational Data Services

Outputs of climate model output and station-based climate observation data are available from their website.

TCC/JMA also provide a long-range reanalysis data “JRA-55”.

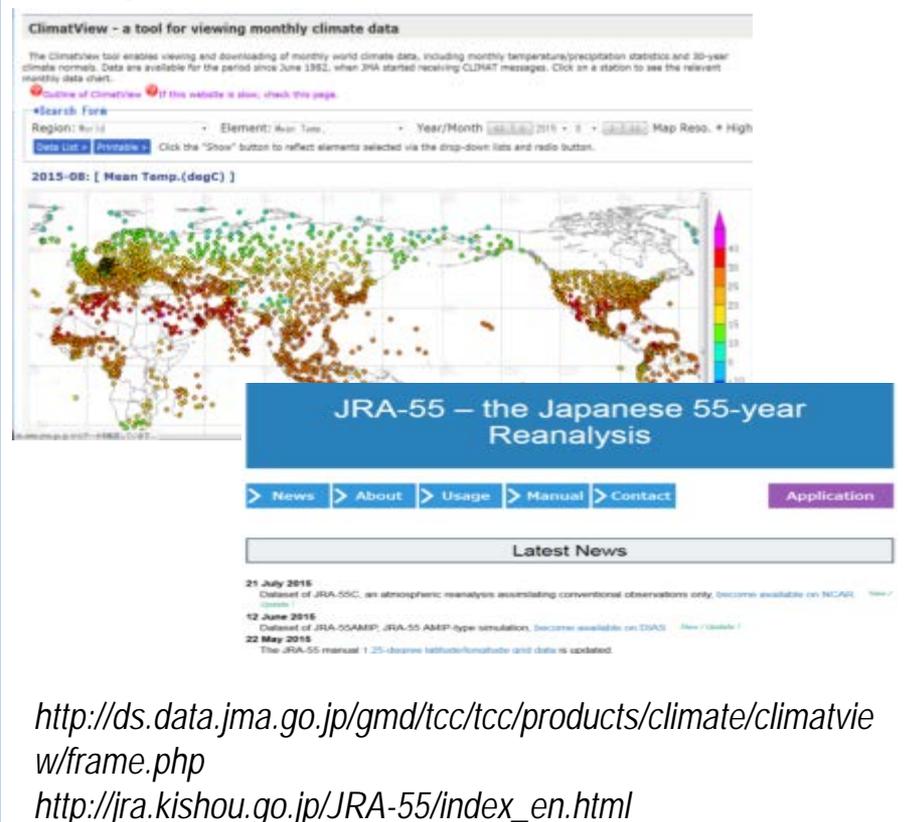
Examples of BCC's data services



The screenshot shows the Beijing Climate Center website. The header includes the BCC logo and navigation tabs: About BCC, Service, Research, Meeting, and Training. The main content area is titled "Data Download" and features a sidebar with "Service" options: Monitoring, Long Range Forecast, and Data Download (highlighted). The main content is divided into "Model Output" and "Monitoring Data". Under "Model Output", there is a "Seasonal Forecast" section with a "Data to Download" button and a table for "Include Descriptors" (Wind, Temperature, Precipitation). Under "Monitoring Data", there is a table for "100 stations over China" with columns for "Precipitation" and "Temperature" across months from Jan to Dec.

<http://bcc.cma.gov.cn/channel.php?channelId=106>

Examples of TCC's data services



The screenshot shows the TCC/JMA website's "ClimatView" tool. The header is "ClimatView - a tool for viewing monthly climate data". Below the header, there is a search form with fields for "Region", "Element", and "Year/Month". The "Year/Month" field is set to "2015". There are buttons for "Data List" and "Download". Below the search form, there is a map titled "2015-08: [Mean Temp.(degC)]" showing a global distribution of mean temperature data points. A color scale on the right of the map ranges from 0 to 40 degrees Celsius. Below the map, there is a blue banner that reads "JRA-55 – the Japanese 55-year Reanalysis". Below the banner, there are navigation tabs: News, About, Usage, Manual, Contact, and Application. Below the tabs, there is a "Latest News" section with three entries: "21 July 2015: Delivery of JRA-55C, an atmospheric reanalysis assimilating conventional observations only, becomes available on NCAR.", "12 June 2015: Delivery of JRA-55AMP, JRA-55 ASEP-type simulation, becomes available on OASIS.", and "22 May 2015: The JRA-55 manual 1.25-degree latitudes/formats and data is updated."

<http://ds.data.jma.go.jp/gmd/tcc/tcc/products/climate/climatview/frame.php>

http://jra.kishou.go.jp/JRA-55/index_en.html

Capacity Development

BCC's training

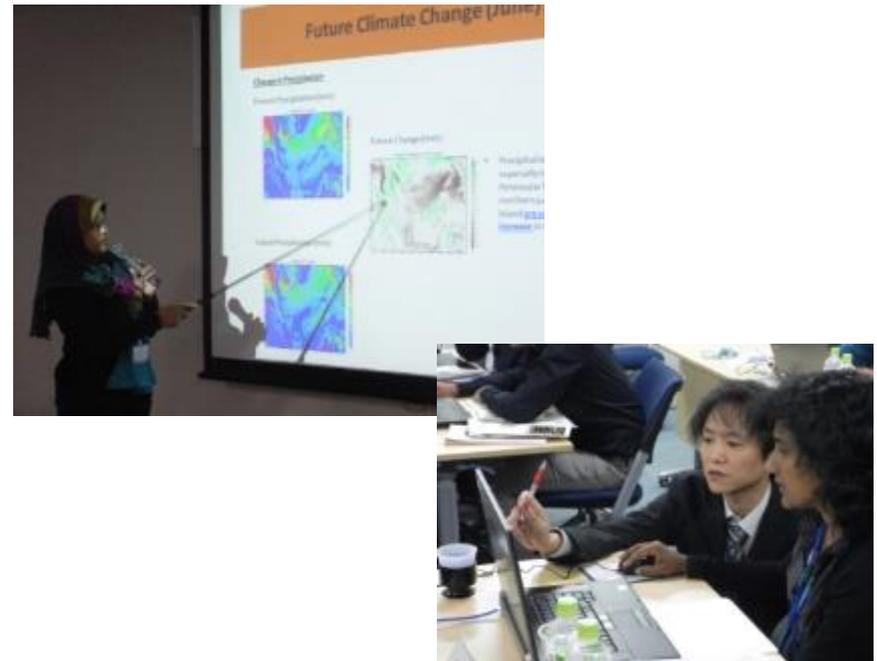
The International Seminar on Climate System and Climate Change (ISCS) is sponsored by China Meteorological Administration (CMA), co-sponsored by National Development and Reform Commission (NDRC), State Administration of Foreign Expert Affairs (SAFEA), WMO Regional Training Center Nanjing and CMA Training Center and hosted by Beijing Climate Center (BCC), annually held on the second half of July.



<http://bcc.cma.gov.cn/channel.php?channelId=52>

TCC's training

TCC holds annual training seminars as part of capacity development activities related to its role as an RCC in the WMO RA II since 2008.



<http://ds.data.jma.go.jp/gmd/tcc/tcc/library/index.html>



THANK YOU!

