

Global Producing Center – Washington: Seasonal and Subseasonal Forecast System and Products

Arun KUMAR
Climate Prediction Center, NOAA
Washington DC, USA
arun.kumar@noaa.gov

National Center for Environmental Prediction (NCEP) is one of the WMO recognized Global Producing Centers (GPC) for long-range forecasts. Seasonal forecasts from NCEP are submitted to the WMO Lead Center for Long-Range Forecasts Multi-Model Ensembles (LC-LRFMME) on a monthly basis. The operational long-range forecast suite maintained in real-time at NCEP is following:

- A set of four 9-month lead forecast once a day; and
- A set of 16 45-day lead forecasts once per day.

Real-time forecasts are complemented by an extensive set of hindcasts: (a) seasonal 9-month lead forecasts from 1981-2010 with four forecasts every 5th day of the calendar month, (b) 45-day lead forecasts from 2001-2010 with four forecasts every day. The set of hindcasts is used for calibration and skill assessment of the extended-range forecast system. Further details about the forecast configuration can be found at:

<https://www.wmolc.org>

<http://origin.cpc.ncep.noaa.gov/products/people/wwang/cfsv2fcst/>

GPC Washington forecast products are also displayed at its website and can be found at:

Seasonal Forecasts:

<http://origin.cpc.ncep.noaa.gov/products/people/wwang/cfsv2fcst/>

Monthly Forecasts:

<http://www.cpc.ncep.noaa.gov/products/people/mchen/CFSv2FCST/monthly/>

Weekly Forecasts:

http://origin.cpc.ncep.noaa.gov/products/people/sweaver/cfs_fcst/

Above website also maintain a comprehensive verification of real-time forecasts, and also of skill assessments based on hindcasts.