

A04-P05

NIPR TRAJECTORY MODEL (NITRAM) AND METEOROLOGICAL FIELD DISPLAY SYSTEM

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Air parcel trajectories are commonly employed to identify the origin of air parcels. The recent increase of interest on the emission inventory of polluted air and a usefulness of trajectory analysis for understanding dynamical and chemical aspects of the atmosphere have promoted the usage of trajectories. Following the increasing demands for trajectory models, the National Institute of Polar Research (NIPR) has undertaken the development of kinematic and isentropic trajectory models. The new Meteorological Field Display System has also been developed for plotting various sections of meteorological data. The MF Display system will promote non-meteorological users such as upper atmosphere scientists to plot and view meteorological fields in the middle atmosphere. See <http://www.firp-nitram.nipr.ac.jp/en/> for details.

NIPR Trajectory Model Meteorological Field Display System

Japanese/English

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News

November 7, 2014
NCEP/DOE data during September 2014 and ERA-Interim data during August 2014 have been added

November 4, 2014
JRA-55 data during October 2014 have been added

October 24, 2014
MERRA data during September 2014 have been added

October 17, 2014
ERA-Interim data during July 2014 have been added

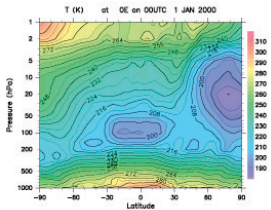

October 7, 2014

Links

[Research Organization of Information and Systems](#)
[JRA project](#)
[ERA-40/ERA-Interim](#)
[NCEP/DOE Reanalysis](#)
[MERRA](#)
[National Institute of Polar Research](#)
[CGER METEX](#)
[NOAA/ARL HYSPLIT](#)
[NOAA/ESRL/PSD WRIT](#)

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