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Abteilung Klimaüberwachung Ref. KU24

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Hamburg, 08. April 2015

DWD contribution to ICOADS 3.0

This is to inform you of a data staging "historical_data_dwd_201504.tar.gz" on your ftp-server as a contribution to ICOADS 3.0.

As announced in 2014 we have prepared a dataset of Newly digitized HISTOR-data.

The data has been quality checked by the program "validat".

A total of 166,577 observations are available in IMMT-3 Format.

The data is collected by station with the journal-number used as call sign within the observations.

The Quality Control Indicator in column 82 is set to 3 (automated QC with time-sequence checks).

The data covers the time period of 1868 to 1907.

Newly digitized HISTOR-data

During the last years some digitizing work was done by contractors to make available data of the historical meteorological journals from sailing ships, which had not been digitized so far. As there is instrument correction data available in each original journal, it was possible to apply corrections to the data. The air pressure readings are temperature and gravity corrected, and reduced to MSL. The historical data were processed from 260 different journals. This number is stored as a call sign in each observation. For all of the 166,577 observations old units are converted to modern usage.

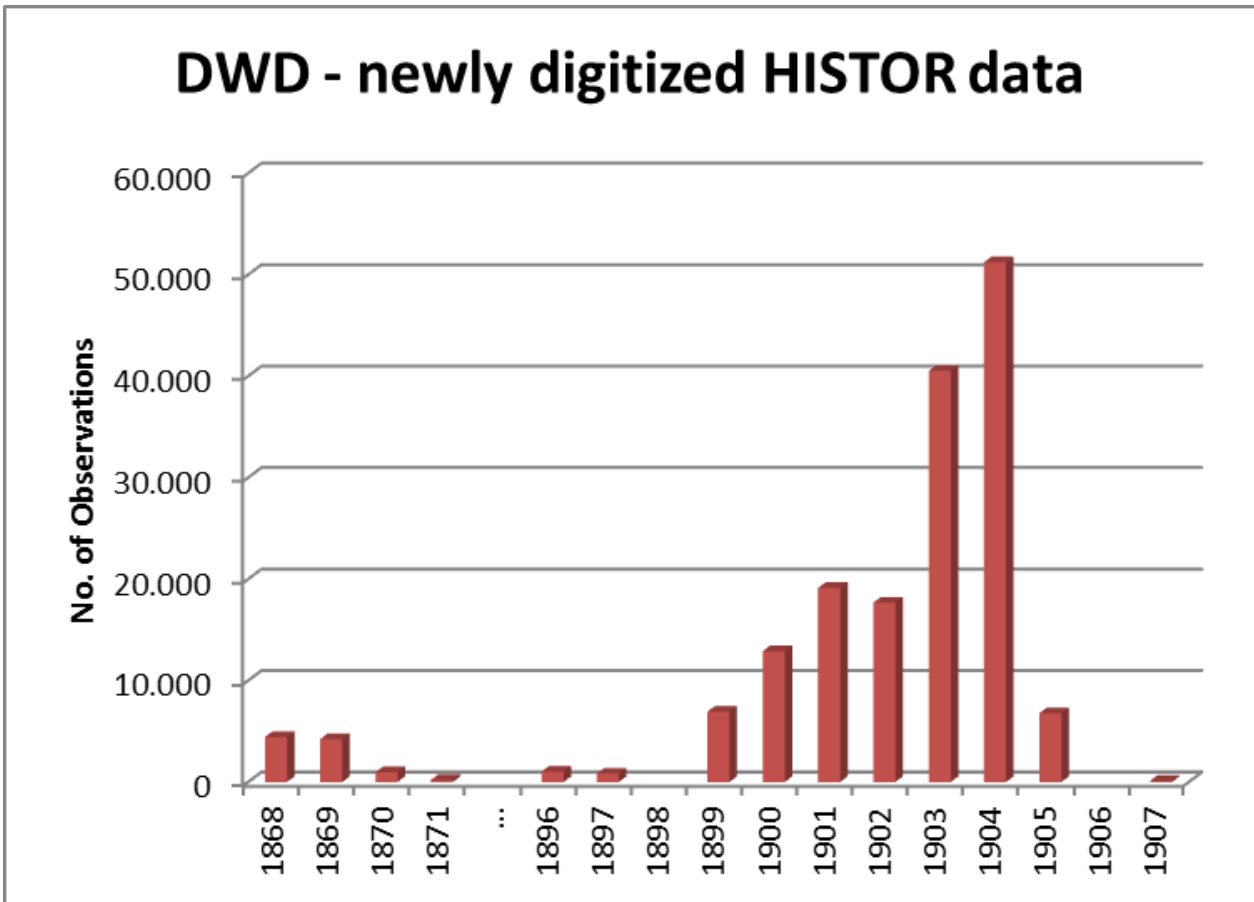


www.dwd.de

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Konto: Bundeskasse Trier - Deutsche Bundesbank Saarbrücken - IBAN: DE81 5900 0000 0059 0010 20, BIC: MARKDEF1590
Der Deutsche Wetterdienst ist eine teilrechtsfähige Anstalt des öffentlichen Rechts im Geschäftsbereich des Bundesministeriums für Verkehr und digitale Infrastruktur (BMVI)

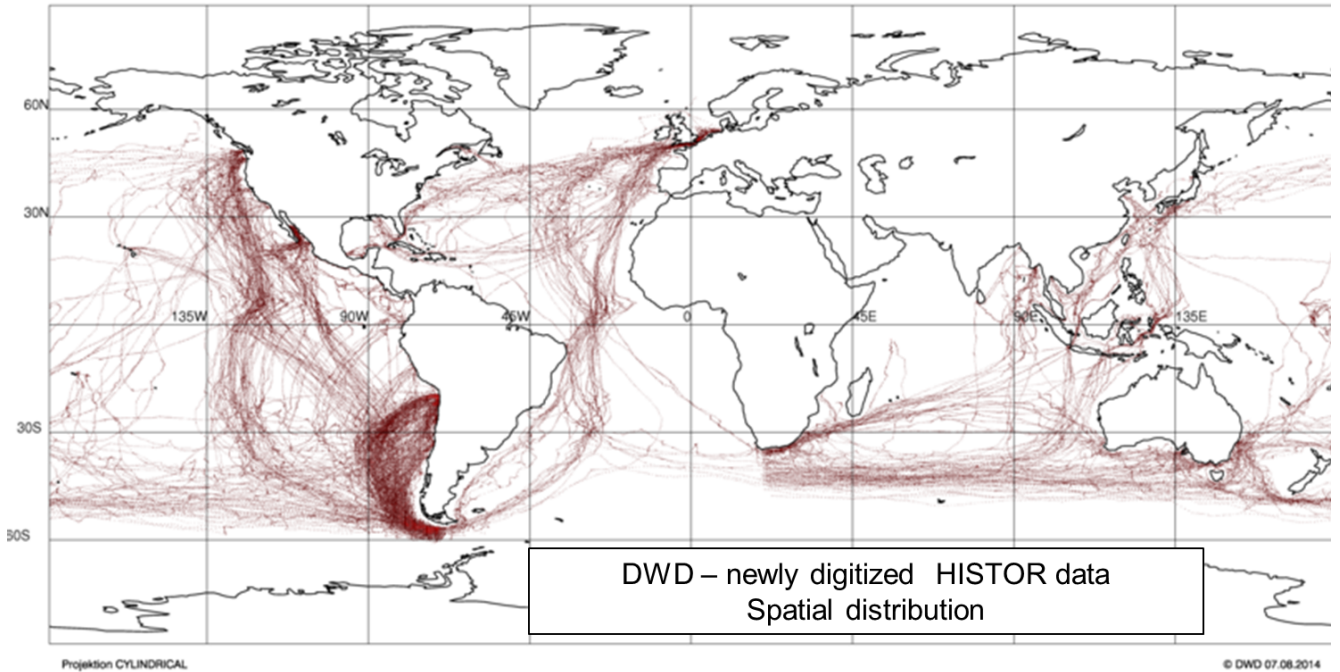
Das Qualitätsmanagement des DWD ist zertifiziert nach DIN ISO 9001:2008 (Reg.-Nr. 816/2324 ZER-QMS)





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