Drought Disaster in Guangzhou 1951~2004

I. Dataset/atlas content features

i. Abstract

The main contents of Drought Disaster in Guangzhou 1951~2004 are the major drought disasters from 1951 to 2004, mainly including the time and date of the drought disaster in Guangzhou, the degree of the disaster, etc.

ii. Elements (content fields)

Table 1 Description of data element content

Data name	Item (field)	Field name in Chinese	Field measure unit	Field code description	Remarks
Drought Disaster in Guangzhou	Date	Shijian			
Drought Disaster in Guangzhou	Description	Zaiqingmiaoshu			

iii. Temporal cover

The time of this dataset is 1951.1-2004.3.31

iv. Spatial cover

Guangzhou urban area.

II. Subject/industry scope of dataset/atlas

i. Subject scope

170 Geosciences 17015 Atmosphere Science 1701535 Climatology
560 Civil Engineering and Building Construction 56015 Basic Disciplines of Civil Engineering and Building Construction 5601530 Architectural Meteorology
560 Civil Engineering and Building Construction 56055 Municipal Engineering
570 Hydraulic Engineering 57065 Flood Control 5706510 Flood Control
5706520 Flood Prevention 610 Environmental Science and Technology and Resource Science and Technology 61010 Basic Science of Environmental Science and Technology 6101025 Environmental Meteorology.

ii. Industry scope

F Transportation, Warehousing and Postal Services, 51 Railway Transportation Industry 52 Road Transportation Industry 53City Public Transportation Industry 54 Water Transportation Industry
55 Air Transportation Industry
M Scientific Research, Technical Services and Geological Prospecting Industry, 7610 Meteorological Services 7673 Planning Management
N Water Conservancy, Environment and Public Facilities Management Industry, 7910 Food Control Management 8110 Municipal Public Facilities Management

III. Accuracy of dataset/atlas

i. Time frequency

(Time frequency is the representation content of datasets/atlas' time frequency, such as multi-year average, average, monthly, daily, yearly, month by month, day or hour.)

ii. Spatial reference, accuracy, and granularity

(This part is the spatial reference, accuracy, and granularity of datasets/atlas. The spatial reference includes coordinate system, projection mode, elevation system, etc. Spatial accuracy means the vector data scale or raster data resolution, etc. Spatial granularity is in accordance with the continent, the state, province, county, and other divisions.)

IV. Dataset/atlas storage management

i. Data quantity

0.0115MB

ii. Type format

The dataset is stored in the hard disk and it is table data

iii. Update management

Dataset update plan: Aperiodic updating.

V. Quality control of the dataset/atlas

i. Production mode

Data of drought disaster in Guangzhou in(1951-Now） was obtained based on

China Meteorological Calamity Code (Guangzhou volume)

China Meteorological Disaster Yearbook (2005-2016) and electronic, digital, integrated conversion, standardized processing, computational simulation.

ii. Data sources (condition selection)

Source of data source:

Wen Kegang, Song Lili, Tang Haiyan, et al. China Meteorological Disaster Code (Guangdong volume). Beijing: Meteorological Press, 2005.12.

Dong Wenjie, Zhang Qiang, Guo Jinxiu, et al. China Meteorological Disaster Yearbook (2005). Beijing: Meteorological Press.2006.1.

Dong Wenjie, Zhang Qiang, Guo Jinxiu, et al. China Meteorological Disaster Yearbook (2006). Beijing: Meteorological Press.2007.2.

Dong Wenjie, Zhang Qiang, Guo Jinxiu, et al. China Meteorological Disaster Yearbook (2007). Beijing: Meteorological Press.2007.12.

Xiao Ziniu, Chen Yu, Gao Rong, et al. China Meteorological Disaster Yearbook (2008). Beijing: Meteorological Press.2008.12.

Xiao Ziniu, Chen Yu, Gao Rong, et al. China Meteorological Disaster Yearbook (2009). Beijing: Meteorological Press.2009.11.

Song Lianchun, Wang Ling, Zhao Shanshan. China Meteorological Disaster Yearbook (2010). Beijing: Meteorological Press.2010.11.

Song Lianchun, Zhao Shanshan, Li Bo, et al. China Meteorological Disaster Yearbook (2011). Beijing: Meteorological Press.2012.3.

Song Lianchun, Wang Youmin, Chen Xianyan, et al. China Meteorological Disaster Yearbook (2011). Beijing: Meteorological Press.2012.3.

Song Lianchun, Liao Yaoming, Li Ying, et al. China Meteorological Disaster Yearbook (2012). Beijing: Meteorological Press.2013.9.

Song Lianchun. Fan Yida, Song Yanling, et al. China Meteorological Disaster Yearbook (2013). Beijing: Meteorological Press.2013.12.

Song Lianchu, Fan Yida, Song Yanling, et al. China Meteorological Disaster Yearbook (2014). Beijing: Meteorological Press.2015.7.
Song Lianchun, Zhai Jianqing, Su Buda, et al. China Meteorological Disaster Yearbook (2015). Beijing: Meteorological Press.2016.11.
Song Lianchun, Zhao Shanshan, Duan Juqi, et al. China Meteorological Disaster Yearbook (2016). Beijing: Meteorological Press.2016.12

iii. Methods of the data acquisition and processing (condition selection)

Acquisition method: Book sorting on the net and field survey.
Processing method: Data registration and Object-oriented classification method.

VI. Sharing and usage method of the dataset/atlas

i. Sharing methods and restrictions

Fully opened sharing

ii. Contact information of the sharing service (condition selection)

Contact Information for Service：No. 46, Zhongguancun South Street, Haidian District, Beijing

iii. Conditions and methods of usage

The dataset can be read by excel software

VII. Intellectual property rights of the dataset/atlas

i. Property rights (optional)

Dataset ownership information: Institute of Geographic Sciences and Natural Resources Research, CAS

ii. Reference method of the dataset/atlas

<*Drought Disaster in Guangzhou* Dataset/Institute of Geographic Sciences and Natural Resources Research, CAS>

iii. Usage contacts of the datasets/atlas

Name: Service group of Disaster Risk Reduction Knowledge Service System of IKCEST
Address: A11 Datun Road, Chaoyang District, Beijing.
Postcode: 100101
Telephone: 010-64889048-8006
Email: ikcest-drr@lreis.ac.cn

VIII. Others (optional)

In addition to the above, other information must also be explained.

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