High temperature disaster in Shanghai 1934-2018

Data Documentation

I. Dataset/atlas content features

i. Abstract

The main content of the Shanghai High Temperature Disaster Collection is the major high temperature disaster from 1934 to 2018, mainly including the time or period of high temperature occurrence in Shanghai, and the degree of high temperature.

ii. Elements (content fields)

Table 1 Description of data element content

<table>
<thead>
<tr>
<th>Data name</th>
<th>Item (field)</th>
<th>Field name in Chinese</th>
<th>Field measure unit</th>
<th>Field code description</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>high temperature disaster in Shanghai</td>
<td>Time</td>
<td>Shijian</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>high temperature disaster in Shanghai</td>
<td>Site</td>
<td>Zhandian</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>high temperature disaster in Shanghai</td>
<td>Degree</td>
<td>Chengdu</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

iii. Temporal cover

The time of this dataset is 1934-2018.09.30

iv. Spatial cover

Shanghai 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 53 City 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

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
0.0121MB

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 high temperature in Shanghai in (1949-2017) was obtained based on Shanghai Meteorological Service http://www.smb.gov.cn/index.html
China Meteorological Calamity Code (Shanghai 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:
Shanghai Meteorological Service http://www.smb.gov.cn/index.html
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: Editorial board of the China Meteorological Calamity code

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)
The property of the dataset belongs to the Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences.

ii. Reference method of the dataset/atlas

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@ireis.ac.cn

VIII. Others (optional)
In addition to the above, other information must also be explained.

<table>
<thead>
<tr>
<th>Data documentation author information</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Data documentation author</td>
<td>Xue lilian</td>
</tr>
<tr>
<td>Update time</td>
<td>2019.04.01</td>
</tr>
<tr>
<td>Organization</td>
<td>Wuhan university</td>
</tr>
<tr>
<td>Contact information</td>
<td>15827542668</td>
</tr>
<tr>
<td>Address</td>
<td>Luoja mountain in Wuchang District, Wuhan, Hubei</td>
</tr>
<tr>
<td>Postcode</td>
<td>430061</td>
</tr>
<tr>
<td>Telephone</td>
<td>15827542668</td>
</tr>
<tr>
<td>E-mail</td>
<td><a href="mailto:771218579@qq.com">771218579@qq.com</a></td>
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