A Big Earth Data Platform for Three Poles

**Soil moisture data of a farmland and its side during the period of irrigations in Yingke irrigation district (2012)**

1、Description

According to the characteristics of the selected field and its surrounding area, a trime tube is arranged in the corn field, and 5 trime tubes are arranged in a direction perpendicular to the field path. When monitoring soil moisture content in the TDR vertical direction, the unit is every 10cm. Monitor down. Location: N 38 ° 52′27.6 ″ E 100 ° 21′14.0 ″
The submitted data includes the water content of the farmland and its surrounding soil (TDR monitoring) after three irrigations in a selected farmland in Yingke Irrigation District, encrypted monitoring after irrigation, one group every 3 hours within 24 hours, and 3 groups per day for the next 5 days. -10 days are two groups per day, and 10-15 days are one group per day.

2、Keywords

Theme：Soil,Agricultural Resources,Soil water content,Soil horizons/profile,Farmland
Discipline：Terrestrial Surface,Human-nature Relationship
Places：Heihe River Basin, Yingke irrigation district
Time：2012

3、Data details

1.Scale：None

2.Projection：4326

3.Filesize：0.9MB

4.Data format：EXCEL

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：38.523337 | - |
| west：100.212836 | - | east：100.21948 |
| - | south：38.521888 | - |

5、Time frame:2012-07-07 19:25:00+00:00--2012-09-15 19:25:00+00:00

6、Reference method

References to data:

JIANG Yao, HUANG Guanhua. Soil moisture data of a farmland and its side during the period of irrigations in Yingke irrigation district (2012). A Big Earth Data Platform for Three Poles, doi:10.3972/heihe.036.2014.db2015

References to articles:

7、Supporting project information

8、Data resource provider

name: JIANG Yao
unit:
email: jiangyao313@126.com

name: HUANG Guanhua
unit:
email: guanhua@cau.edu.cn