

## 空气质量开发文档

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### 1、城市空气质量 [\[顶部\]](#)

接口地址：http://web.juhe.cn/environment/air/cityair

返回格式：json

请求方式：get

请求示例：http://web.juhe.cn/environment/air/cityair?city=城市名称&key=您申请的APPKEY值

接口备注：有的城市可能没有监测点实时监测的数据,每1小时更新一次

请求Header：

名称	值
Content-Type	application/x-www-form-urlencoded

请求参数说明：

名称	类型	必填	说明
city	String	是	城市名称的中文名称或拼音，如：上海 或 shanghai
key	String	是	APP Key

返回参数说明：

名称	类型	说明
citynow	JSONObject	查询的最新结果

名称	类型	说明
lastTwoWeeks	JSONObject	最近几周空气质量数据
lastMoniData	JSONObject	各监测点的数据,如果字段返回"—",可能是该监测点未监测这项数据或者有延迟

JSON返回示例：

```
{
  "resultcode": "200",
  "reason": "SUCCEEDED!",
  "error_code": 0,
  "result": [
    {
      "citynow": {
        "city": "suzhou",
        "AQI": "77",
        "quality": "良",
        "date": "2014-05-09 14:00"
      },
      "lastTwoWeeks": {
        "1": {
          "city": "suzhou",
          "AQI": "100",
          "quality": "良",
          "date": "2014-05-08"
        },
        "2": {
          "city": "suzhou",
          "AQI": "99",
          "quality": "良",
          "date": "2014-05-07"
        },
        "3": {
          "city": "suzhou",
          "AQI": "77",
          "quality": "良",
          "date": "2014-05-06"
        },
        "4": {
          "city": "suzhou",
          "AQI": "75",
          "quality": "良",
          "date": "2014-05-05"
        },
        "5": {
          "city": "suzhou",
          "AQI": "78",
          "quality": "良",
          "date": "2014-05-04"
        },
        "6": {
          "city": "suzhou",
          "AQI": "84",
          "quality": "良",
          "date": "2014-05-03"
        },
        "7": {
          "city": "suzhou",
          "AQI": "135",
          "quality": "轻度污染",
          "date": "2014-05-02"
        }
      }
    }
  ]
}
```

```
    },
    "8": {
      "city": "suzhou",
      "AQI": "126",
      "quality": "轻度污染",
      "date": "2014-05-01"
    },
    },
    "9": {
      "city": "suzhou",
      "AQI": "87",
      "quality": "良",
      "date": "2014-04-30"
    },
    },
    "10": {
      "city": "suzhou",
      "AQI": "97",
      "quality": "良",
      "date": "2014-04-29"
    },
    },
    "11": {
      "city": "suzhou",
      "AQI": "77",
      "quality": "良",
      "date": "2014-04-28"
    },
    },
    "12": {
      "city": "suzhou",
      "AQI": "84",
      "quality": "良",
      "date": "2014-04-27"
    },
    },
    "13": {
      "city": "suzhou",
      "AQI": "45",
      "quality": "优",
      "date": "2014-04-26"
    },
    },
    "14": {
      "city": "suzhou",
      "AQI": "56",
      "quality": "良",
      "date": "2014-04-25"
    },
    },
    "15": {
      "city": "suzhou",
      "AQI": "83",
      "quality": "良",
      "date": "2014-04-24"
    },
    },
    "16": {
      "city": "suzhou",
      "AQI": "95",
      "quality": "良",
      "date": "2014-04-23"
    },
    },
    "17": {
      "city": "suzhou",
      "AQI": "101",
      "quality": "轻度污染",
      "date": "2014-04-22"
    }
  }
},
"lastMoniData": {
  "1": {
    "city": "上方山",
    "AQI": "77",
    "quality": "良",
    "PM2.5Hour": "46µg/m³",
    "PM2.5Day": "46µg/m³",
    "PM10Hour": "104µg/m³",
```

```
"lat": "31.247222",
"lon": "120.561389"
},
"2": {
  "city": "南门",
  "AQI": "112",
  "quality": "轻度污染",
  "PM2.5Hour": "84µg/m³",
  "PM2.5Day": "84µg/m³",
  "PM10Hour": "—µg/m³",
  "lat": "31.286389",
  "lon": "120.6275"
},
"3": {
  "city": "彩香",
  "AQI": "76",
  "quality": "良",
  "PM2.5Hour": "46µg/m³",
  "PM2.5Day": "46µg/m³",
  "PM10Hour": "101µg/m³",
  "lat": "31.301944",
  "lon": "120.590833"
},
"4": {
  "city": "轧钢厂",
  "AQI": "68",
  "quality": "良",
  "PM2.5Hour": "41µg/m³",
  "PM2.5Day": "41µg/m³",
  "PM10Hour": "85µg/m³",
  "lat": "31.326389",
  "lon": "120.595556"
},
"5": {
  "city": "吴中区",
  "AQI": "64",
  "quality": "良",
  "PM2.5Hour": "46µg/m³",
  "PM2.5Day": "46µg/m³",
  "PM10Hour": "—µg/m³",
  "lat": "31.270278",
  "lon": "120.612778"
},
"6": {
  "city": "苏州新区",
  "AQI": "72",
  "quality": "良",
  "PM2.5Hour": "46µg/m³",
  "PM2.5Day": "46µg/m³",
  "PM10Hour": "93µg/m³",
  "lat": "31.299444",
  "lon": "120.543333"
},
"7": {
  "city": "苏州工业园区",
  "AQI": "82",
  "quality": "良",
  "PM2.5Hour": "60µg/m³",
  "PM2.5Day": "60µg/m³",
  "PM10Hour": "88µg/m³",
  "lat": "31.309722",
  "lon": "120.669167"
}
}
}
}
]
```

## 2、城市空气PM2.5指数 [\[顶部\]](#)

接口地址：http://web.juhe.cn/environment/air/pm

---

返回格式：json

---

请求方式：get

---

请求示例：http://web.juhe.cn/environment/air/pm?city=城市名称&key=您申请的APPKEY值

---

接口备注：如没有您需要查询的城市PM2.5数据请联系客服添加，每半小时更新一次

---

请求Header：

名称	值
Content-Type	application/x-www-form-urlencoded

请求参数说明：

名称	类型	必填	说明
city	String	是	城市名称的中文名称或拼音，如：上海 或 shanghai
key	String	是	APP Key

返回参数说明：

名称	类型	说明
见JSON返回示例	-	-

JSON返回示例：

```
{
  "resultcode": "200",
  "reason": "SUCCEEDED!",
  "result": [
    {
      "city": "苏州", /*城市*/
      "PM2.5": "73", /*PM2.5指数(ug/m3)*/
      "AQI": "98", /*空气质量指数*/
      "quality": "良", /*空气质量*/
      "PM10": "50", /*PM10(ug/m3)*/
      "CO": "0.79", /*一氧化碳(mg/m3)*/
      "NO2": "65", /*二氧化氮(ug/m3)*/
      "O3": "28", /*臭氧(ug/m3)*/
    }
  ]
}
```

```
"SO2": "41", /*二氧化硫(ug/m3)*/
"time": "2014-12-26 11:48:40"/*更新时间*/
}
],
"error_code": 0
}
```

### 3、城市空气质量-城市列表 [\[顶部\]](#)

接口地址：http://web.juhe.cn/environment/air/airCities

---

返回格式：json

---

请求方式：get

---

请求示例：http://web.juhe.cn/environment/air/airCities?key=您申请的APPKEY值

---

接口备注：提供城市空气质量的城市列表数据

---

请求Header：

名称	值
Content-Type	application/x-www-form-urlencoded

请求参数说明：

名称	类型	必填	说明
key	String	是	APP Key

返回参数说明：

名称	类型	说明
见JSON返回示例	-	-

JSON返回示例：

```
{
  "resultCode": "200",
  "reason": "SUCCEEDED!",
  "error_code": 0,
  "result": [
    {
      "name": "湛江",/*城市名*/
    }
  ]
}
```

```
"pinyin": "zhanjiang"/*城市拼音*/
},
{
  "name": "石河子",
  "pinyin": "shihezi"
},
{
  "name": "寿光",
  "pinyin": "shouguang"
},
{
  "name": "玉林",
  "pinyin": "yulinshi"
},
{
  "name": "大庆",
  "pinyin": "daqing"
},
{
  "name": "上海",
  "pinyin": "shanghai"
},
...
]
}
```

#### 4、城市空气PM2.5指数-城市列表 [\[顶部\]](#)

接口地址：http://web.juhe.cn/environment/air/pmCities

---

返回格式：json

---

请求方式：get

---

请求示例：http://web.juhe.cn/environment/air/pmCities?key=您申请的APPKEY值

---

接口备注：提供城市空气PM2.5指数的城市列表数据

---

请求Header：

名称	值
Content-Type	application/x-www-form-urlencoded

请求参数说明：

名称	类型	必填	说明
key	String	是	APP Key

返回参数说明：

名称	类型	说明
见JSON返回示例	-	-

JSON返回示例：

```
{
  "resultCode": "200",
  "reason": "SUCCEEDED!",
  "error_code": 0,
  "result": [
    {
      "name": "泰州",/*城市名*/
      "pinyin": "taizhoushi"/*城市拼音*/
    },
    {
      "name": "淮安",
      "pinyin": "huaian"
    },
    {
      "name": "邢台",
      "pinyin": "xingtai"
    },
    {
      "name": "南平",
      "pinyin": "nanping"
    },
    {
      "name": "舟山",
      "pinyin": "zhoushan"
    },
    ...
  ]
}
```

## 5、错误码参照

服务级错误码参照(error\_code)：[\[顶部\]](#)

错误码	说明
203301	城市输入有误
203302	此城市不存在结果/NUM输入错误
203303	查询不到结果/没有此城市的辐射值或者输入的页码数超过总页码数

系统级错误码参照：

错误码	说明	旧版本(resultcode)
10001	错误的请求KEY	101



错误码	说明	旧版本(resultcode)
10002	该KEY无请求权限	102
10003	KEY过期	103
10004	错误的OPENID	104
10005	应用未审核超时，请提交认证	105
10007	未知的请求源	107
10008	被禁止的IP	108
10009	被禁止的KEY	109
10011	当前IP请求超过限制	111
10012	请求超过次数限制	112
10013	测试KEY超过请求限制	113
10014	系统内部异常(调用充值类业务时，请务必联系客服或通过订单查询接口检测订单，避免造成损失)	114
10020	接口维护	120
10021	接口停用	121

错误码格式说明（示例：200201）：

2	002	01
服务级错误（1为系统级错误）	服务模块代码(即数据ID)	具体错误代码

版本日期：2024-11-23 20:04