

全国天气预报开发文档

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1、根据城市名/id查询天气 [\[顶部\]](#)

接口地址：http://v.juhe.cn/weather/index

返回格式：json/xml

请求方式：get

请求示例：http://v.juhe.cn/weather/index?format=2&cityname=%E8%8B%8F%E5%B7%9E&key=您申请的KEY

接口备注：

请求参数说明：

名称	类型	必填	说明
cityname	string	Y	城市名或城市ID，如："苏州"，需要utf8 urlencode
dtype	string	N	返回数据格式：json或xml,默认json
format	int	N	未来7天预报(future)两种返回格式，1或2，默认1
key	string	Y	在个人中心->我的数据,接口名称上方查看

返回参数说明：

名称	类型	说明
----	----	----

JSON返回示例：

```
{
  "resultcode": "200",
```

```
"reason": "查询成功!",
"result": {
  "sk": { /*当前实况天气*/
    "temp": "21", /*当前温度*/
    "wind_direction": "西风", /*当前风向*/
    "wind_strength": "2级", /*当前风力*/
    "humidity": "4%", /*当前湿度*/
    "time": "14:25" /*更新时间*/
  },
  "today": {
    "city": "天津",
    "date_y": "2014年03月21日",
    "week": "星期五",
    "temperature": "8°C~20°C", /*今日温度*/
    "weather": "晴转霾", /*今日天气*/
    "weather_id": { /*天气唯一标识*/
      "fa": "00", /*天气标识00：晴*/
      "fb": "53" /*天气标识53：霾 如果fa不等于fb说明是组合天气*/
    },
    "wind": "西南风微风",
    "dressing_index": "较冷", /*穿衣指数*/
    "dressing_advice": "建议着大衣、呢外套加毛衣、卫衣等服装。", /*穿衣建议*/
    "uv_index": "中等", /*紫外线强度*/
    "comfort_index": "", /*舒适度指数*/
    "wash_index": "较适宜", /*洗车指数*/
    "travel_index": "适宜", /*旅游指数*/
    "exercise_index": "较适宜", /*晨练指数*/
    "drying_index": "" /*干燥指数*/
  },
  "future": [ /*未来几天天气*/
    {
      "temperature": "28°C~36°C",
      "weather": "晴转多云",
      "weather_id": {
        "fa": "00",
        "fb": "01"
      },
      "wind": "南风3-4级",
      "week": "星期一",
      "date": "20140804"
    },
    {
      "temperature": "28°C~36°C",
      "weather": "晴转多云",
      "weather_id": {
        "fa": "00",
        "fb": "01"
      },
      "wind": "东南风3-4级",
      "week": "星期二",
      "date": "20140805"
    },
    {
      "temperature": "27°C~35°C",
      "weather": "晴转多云",
      "weather_id": {
        "fa": "00",
        "fb": "01"
      },
      "wind": "东南风3-4级",
      "week": "星期三",
      "date": "20140806"
    },
    {
      "temperature": "27°C~34°C",
      "weather": "多云",
      "weather_id": {
        "fa": "01",
        "fb": "01"
      }
    }
  ]
}
```

```
    "wind": "东南风3-4级",
    "week": "星期四",
    "date": "20140807"
  },
  {
    "temperature": "27°C~33°C",
    "weather": "多云",
    "weather_id": {
      "fa": "01",
      "fb": "01"
    },
    "wind": "东北风4-5级",
    "week": "星期五",
    "date": "20140808"
  },
  {
    "temperature": "26°C~33°C",
    "weather": "多云",
    "weather_id": {
      "fa": "01",
      "fb": "01"
    },
    "wind": "北风4-5级",
    "week": "星期六",
    "date": "20140809"
  },
  {
    "temperature": "26°C~33°C",
    "weather": "多云",
    "weather_id": {
      "fa": "01",
      "fb": "01"
    },
    "wind": "北风4-5级",
    "week": "星期日",
    "date": "20140810"
  }
]
},
"error_code": 0
}
```

2、天气种类及标识列表 [\[顶部\]](#)

接口地址： <http://v.juhe.cn/weather/uni>

返回格式： json/xml

请求方式： http get

请求示例： <http://v.juhe.cn/weather/uni?key=xxxxxx>

接口备注： 此接口返回数据基本不变，开发者可内置数据，图标下载：<http://www.juhe.cn/news/index/id/48>

请求参数说明：

名称	类型	必填	说明
key	string	是	在个人中心->我的数据,接口名称上方查看
dtype	string	否	返回数据的格式,xml或json , 默认json

返回参数说明：

名称	类型	说明
error_code	int	返回码
reason	string	返回说明
data	-	返回结果集
wid	string	天气唯一标识
weather	string	天气

JSON返回示例：

```
{
  "resultcode": "200",
  "reason": "succeeded",
  "result": [
    {
      "wid": "00",
      "weather": "晴"
    },
    {
      "wid": "01",
      "weather": "多云"
    },
    {
      "wid": "02",
      "weather": "阴"
    },
    {
      "wid": "03",
      "weather": "阵雨"
    },
    {
      "wid": "04",
      "weather": "雷阵雨"
    },
    {
      "wid": "05",
      "weather": "雷阵雨伴有冰雹"
    },
    {
      "wid": "06",
      "weather": "雨夹雪"
    },
    {
      "wid": "07",
      "weather": "小雨"
    },
  ],
}
```

```
{
  "wid": "08",
  "weather": "中雨"
},
{
  "wid": "09",
  "weather": "大雨"
},
{
  "wid": "10",
  "weather": "暴雨"
},
{
  "wid": "11",
  "weather": "大暴雨"
},
{
  "wid": "12",
  "weather": "特大暴雨"
},
{
  "wid": "13",
  "weather": "阵雪"
},
{
  "wid": "14",
  "weather": "小雪"
},
{
  "wid": "15",
  "weather": "中雪"
},
{
  "wid": "16",
  "weather": "大雪"
},
{
  "wid": "17",
  "weather": "暴雪"
},
{
  "wid": "18",
  "weather": "雾"
},
{
  "wid": "19",
  "weather": "冻雨"
},
{
  "wid": "20",
  "weather": "沙尘暴"
},
{
  "wid": "21",
  "weather": "小雨-中雨"
},
{
  "wid": "22",
  "weather": "中雨-大雨"
},
{
  "wid": "23",
  "weather": "大雨-暴雨"
},
{
  "wid": "24",
  "weather": "暴雨-大暴雨"
},
{
  "wid": "25",
```

```
    "weather": "大暴雨-特大暴雨"
  },
  {
    "wid": "26",
    "weather": "小雪-中雪"
  },
  {
    "wid": "27",
    "weather": "中雪-大雪"
  },
  {
    "wid": "28",
    "weather": "大雪-暴雪"
  },
  {
    "wid": "29",
    "weather": "浮尘"
  },
  {
    "wid": "30",
    "weather": "扬沙"
  },
  {
    "wid": "31",
    "weather": "强沙尘暴"
  },
  {
    "wid": "53",
    "weather": "霾"
  }
],
"error_code": 0
}
```

3、根据GPS坐标查询天气 [\[顶部\]](#)

接口地址：http://v.juhe.cn/weather/geo

返回格式：json/xml

请求方式：http get/post

请求示例：http://v.juhe.cn/weather/geo?format=2&key=您申请的KEY&lon=116.39277&lat=39.933748

接口备注：根据GPS坐标自动定位城市，并返回该城市的天气信息

请求参数说明：

名称	类型	必填	说明
lon	string	Y	经度，如：116.39277
lat	string	Y	纬度，如：39.933748
format	int	N	未来6天预报(future)两种返回格式，1或2，默认1

名称	类型	必填	说明
dtype	string	Y	返回数据格式：json或xml,默认json
key	string	Y	在个人中心->我的数据,接口名称上方查看

返回参数说明：

名称	类型	说明
----	----	----

JSON返回示例：

```
{
  "resultcode": "200",
  "reason": "查询成功!",
  "result": {
    "sk": {      /*当前实况天气*/
      "temp": "21", /*当前温度*/
      "wind_direction": "西风", /*当前风向*/
      "wind_strength": "2级", /*当前风力*/
      "humidity": "4%", /*当前湿度*/
      "time": "14:25" /*更新时间*/
    },
    "today": {
      "city": "天津",
      "date_y": "2014年03月21日",
      "week": "星期五",
      "temperature": "8°C~20°C", /*今日温度*/
      "weather": "晴转霾", /*今日天气*/
      "weather_id": { /*天气唯一标识*/
        "fa": "00", /*天气标识00：晴*/
        "fb": "53" /*天气标识53：霾 如果fa不等于fb说明是组合天气*/
      },
      "wind": "西南风微风",
      "dressing_index": "较冷", /*穿衣指数*/
      "dressing_advice": "建议着大衣、呢外套加毛衣、卫衣等服装。", /*穿衣建议*/
      "uv_index": "中等", /*紫外线强度*/
      "comfort_index": "",
      "wash_index": "较适宜", /*洗车指数*/
      "travel_index": "适宜", /*旅游指数*/
      "exercise_index": "较适宜", /*晨练指数*/
      "drying_index": ""
    },
    "future": { /*未来几天天气*/
      "day_20140321": {
        "temperature": "8°C~20°C",
        "weather": "晴转霾",
        "weather_id": {
          "fa": "00",
          "fb": "53"
        },
        "wind": "西南风微风",
        "week": "星期五",
        "date": "20140321"
      },
      "day_20140322": {
        "temperature": "9°C~21°C",
        "weather": "霾转多云",
        "weather_id": {
          "fa": "53",
```

```
        "fb": "01",
    },
    "wind": "东北风微风转东南风微风",
    "week": "星期六",
    "date": "20140322"
},
"day_20140323": {
    "temperature": "9°C~19°C",
    "weather": "阴",
    "weather_id": {
        "fa": "02",
        "fb": "02"
    },
    "wind": "南风微风",
    "week": "星期日",
    "date": "20140323"
},
"day_20140324": {
    "temperature": "8°C~19°C",
    "weather": "晴转多云",
    "weather_id": {
        "fa": "00",
        "fb": "01"
    },
    "wind": "西南风微风转南风微风",
    "week": "星期一",
    "date": "20140324"
},
"day_20140325": {
    "temperature": "9°C~20°C",
    "weather": "多云",
    "weather_id": {
        "fa": "01",
        "fb": "01"
    },
    "wind": "南风微风",
    "week": "星期二",
    "date": "20140325"
},
"day_20140326": {
    "temperature": "10°C~19°C",
    "weather": "多云",
    "weather_id": {
        "fa": "01",
        "fb": "01"
    },
    "wind": "南风微风",
    "week": "星期三",
    "date": "20140326"
},
"day_20140327": {
    "temperature": "11°C~20°C",
    "weather": "阴转多云",
    "weather_id": {
        "fa": "02",
        "fb": "01"
    },
    "wind": "南风微风转无持续风向微风",
    "week": "星期四",
    "date": "20140327"
}
}
},
"error_code": 0
}
```


4、支持城市列表 [\[顶部\]](#)

接口地址： <http://v.juhe.cn/weather/citys>

返回格式： json/xml

请求方式： http get

请求示例： <http://v.juhe.cn/weather/citys?key=您申请的KEY>

接口备注： 天气预报支持的城市/地区，建议内置在程序

请求参数说明：

名称	类型	必填	说明
dtype	string	N	返回数据格式：json或xml,默认json
key	string	Y	在个人中心->我的数据,接口名称上方查看

返回参数说明：

名称	类型	说明
----	----	----

JSON返回示例：

```
{
  "resultcode": "200",
  "reason": "succesed",
  "result": [
    {
      "id": "1", /*城市ID*/
      "province": "北京", /*省份名称*/
      "city": "北京", /*城市*/
      "district": "北京" /*城市/区名称*/
    },
    {
      "id": "2",
      "province": "北京",
      "city": "北京",
      "district": "海淀"
    },
    {
      "id": "3",
      "province": "北京",
      "city": "北京",
      "district": "朝阳"
    },
    {
      "id": "4",
      "province": "北京",
```

```
"city":"北京",
"district":"顺义"
},
{
  "id":"5",
  "province":"北京",
  "city":"北京",
  "district":"怀柔"
},
{
  "id":"6",
  "province":"北京",
  "city":"北京",
  "district":"通州"
},
{
  "id":"7",
  "province":"北京",
  "city":"北京",
  "district":"昌平"
},
{
  "id":"8",
  "province":"北京",
  "city":"北京",
  "district":"延庆"
},
{
  "id":"9",
  "province":"北京",
  "city":"北京",
  "district":"丰台"
},
{
  "id":"10",
  "province":"北京",
  "city":"北京",
  "district":"石景山"
},
{
  "id":"11",
  "province":"北京",
  "city":"北京",
  "district":"大兴"
},
{
  "id":"12",
  "province":"北京",
  "city":"北京",
  "district":"房山"
},
{
  "id":"13",
  "province":"北京",
  "city":"北京",
  "district":"密云"
},
{
  "id":"14",
  "province":"北京",
  "city":"北京",
  "district":"门头沟"
},
{
  "id":"15",
  "province":"北京",
  "city":"北京",
  "district":"平谷"
},
{
```

```
"id": "16",
"province": "上海",
"city": "上海",
"district": "上海"
},
{
  "id": "17",
  "province": "上海",
  "city": "上海",
  "district": "闵行"
},
{
  "id": "18",
  "province": "上海",
  "city": "上海",
  "district": "宝山"
},
{
  "id": "19",
  "province": "上海",
  "city": "上海",
  "district": "嘉定"
},
{
  "id": "20",
  "province": "上海",
  "city": "上海",
  "district": "南汇"
},
{
  "id": "21",
  "province": "上海",
  "city": "上海",
  "district": "金山"
},
{
  "id": "22",
  "province": "上海",
  "city": "上海",
  "district": "青浦"
},
{
  "id": "23",
  "province": "上海",
  "city": "上海",
  "district": "松江"
},
{
  "id": "24",
  "province": "上海",
  "city": "上海",
  "district": "奉贤"
},
{
  "id": "25",
  "province": "上海",
  "city": "上海",
  "district": "崇明"
},
{
  "id": "26",
  "province": "上海",
  "city": "上海",
  "district": "徐家汇"
},
{
  "id": "27",
  "province": "上海",
  "city": "上海",
  "district": "浦东"
```

```
}  
],  
"error_code":0  
}
```

5、错误码参照

服务级错误码参照(error_code)： [\[顶部\]](#)

错误码	说明
203901	查询城市不能为空
203902	查询不到该城市的天气
203903	查询出错，请重试
203904	错误的GPS坐标
203905	GPS坐标解析出错，请确认提供的坐标正确（暂支持国内）
203906	IP地址错误
203907	查询不到该IP地址相关的天气信息

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
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

错误码	说明	旧版本(resultcode)
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

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