

### Global Average of observed value (Daily)

Daily average temperature and historical temperature (average from 1993 to 2016).

Specify the latitude and longitude in a request, and the data for the grid that includes the specified point will be retrieved.

#### Data

Coverage (area)	Land areas except Greenland, between northern latitude of 72 degrees and south latitude 57degrees
Coverage (time)	January 1 to December 31, including February 29.
Grid size	lat 0.25 degree and lon 0.25 degree

#### URL

/v1/ovsmesh/statistics/daily/{point}.json

#### Method

GET

#### Parameters

Name	Parameters	Required	Type	Notes
Point	point	Required	Path Parameters	Latitude and longitude comma delimited. World geodetic system decimal, e.g., 35.68944,139.691670.
Date	date	Option	Query Parameters	Specify mddd, and it returns values for the specified date, e.g., 0516
Month	month	Option	Query Parameters	Specify mm, and it returns data for each daily value for the specified month, e.g., 01 or 1

\*If neither date nor month is specified, data for one year (366 days) is returned.

\*If both date and month are specified, the date specified takes precedence.

#### Example of API call

Point(lat, lon)

<endpoint>/v1/ovsmesh/statistics/daily/35.68944,139.691670.json?date=0514

#### Response

Returns daily data in the result area.

Item	Type	Notes	
mesh_code	character	7-digit number, e.g., 2170559. Proprietary code of WeatherDataAPI, commonly available in each API.	
local_time	character	Time difference from UTC, e.g., utc+09:00	
elevation	character	Elevation of the grid to be used for forecasting. Unit: m	
data	date	character	Date in local time
	ave_temperature_normal	actual number	Unit: 0.1°C

When it is invalid value for no data or uncalculable data, it returns blank.

#### Response example

```
{
  "metadata": {
    "author": "Japan Weather Association",
    "title": "global_mesh_daily_average_temperature_normal",
    "detail": "Success",
    "parameter": {
      "point": "35.68944,99.691670",
      "time": "05-31",
      "date": "0531",
      "format": "json"
    },
    "resultset": {
      "count": 1
    }
  },
  "results": {
    "mesh_code": "2170399",
    "local_time": "utc+08:00",
    "elevation": "3876",
    "data": [
      {
        "date": "05-31",
        "ave_temperature_normal": 6.7
      }
    ]
  }
}
```

#### Error

API errors will be indicated in the status of the response header, code in the response (code), title (title) and detail (detail).

Response header	Response body		
status	code	title	detail
400	40001	Bad Request	longitude and latitude value is invalid. Review the API documentation to determine which parameters are valid for your request.
400	40003	Bad Request	meshcode value is invalid. Review the API documentation to determine which parameters are valid for your request.
400	40004	Bad Request	it contained an invalid parameter or parameter value. Review the API documentation to determine which parameters are valid for your request.
400	40005	Bad Request	time value is invalid. Review the API documentation to determine which parameters are valid for your request.
400	40006	Bad Request	one of the request inputs is out of range.
404	40401	Not Found	The requested operation failed because a resource associated with the request could not be found.
500	50001	Internal Server Error	The request failed due to an internal error.

#### Error example

```
{
  "error": {
    "code": 40004,
    "title": "Bad Request",
    "detail": "it contained an invalid parameter or parameter value. Review the API documentation to determine which parameters are valid for your request."
  }
}
```