



iklim.co

# iklim.co Data Provider Rest Handler Sample Usage

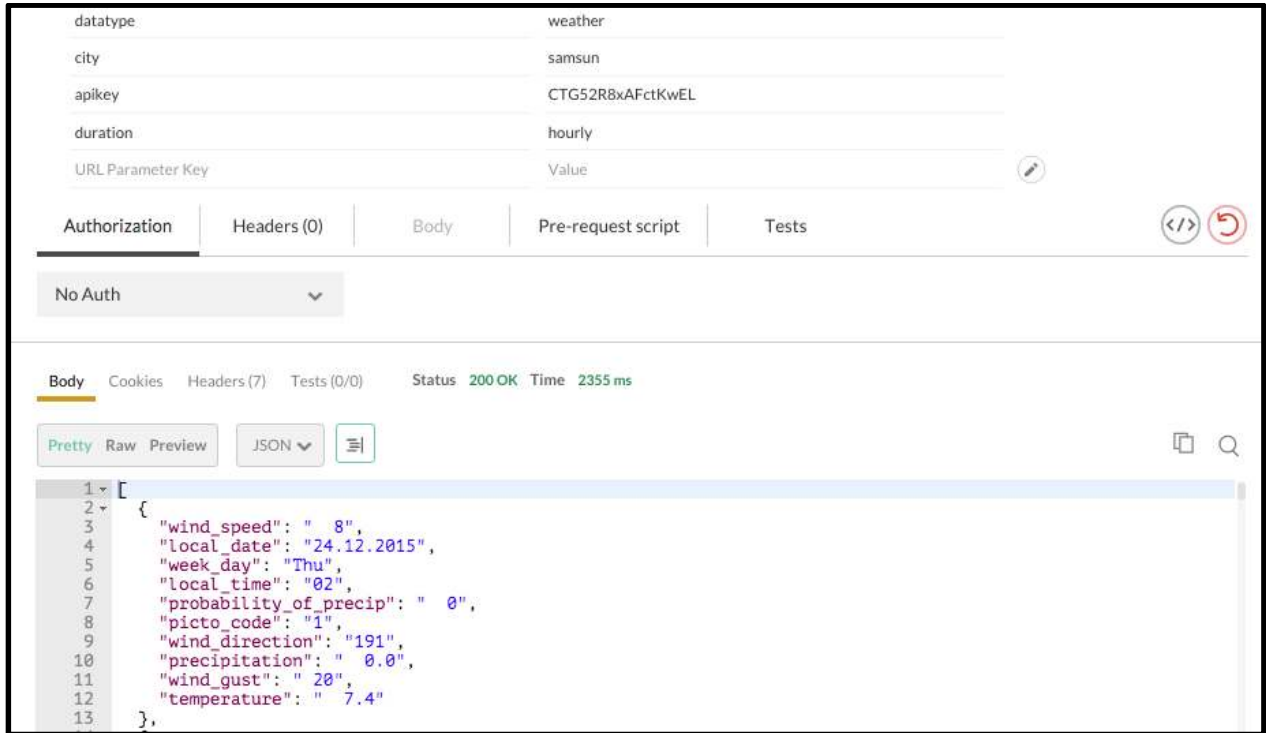
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## Samsun Hourly

Please look at example below to see how to request dataprovider in order to get Samsun weather hourly data.



The screenshot displays a REST client interface with the following parameters:

datatype	weather
city	samsun
apikey	CTG52R8xAFctKwEL
duration	hourly
URL Parameter Key	Value

Below the parameters, the interface shows the response body in JSON format:

```
1 [
2   {
3     "wind_speed": " 8",
4     "local_date": "24.12.2015",
5     "week_day": "Thu",
6     "local_time": "02",
7     "probability_of_precip": " 0",
8     "picto_code": "1",
9     "wind_direction": "191",
10    "precipitation": " 0.0",
11    "wind_gust": " 20",
12    "temperature": " 7.4"
13  },
14 ]
```

Figure 1 : parameters and taken json (Samsun weather hourly)

Use link below to see taken json :

<http://dataprovder.akfiha.appspot.com/torosgetdata?datatype=weather&city=samsun&apikey=CTG52R8xAFctKwEL&duration=hourly>

Please look at example below to see how to request dataprovider in order to get Samsun sea hourly data.

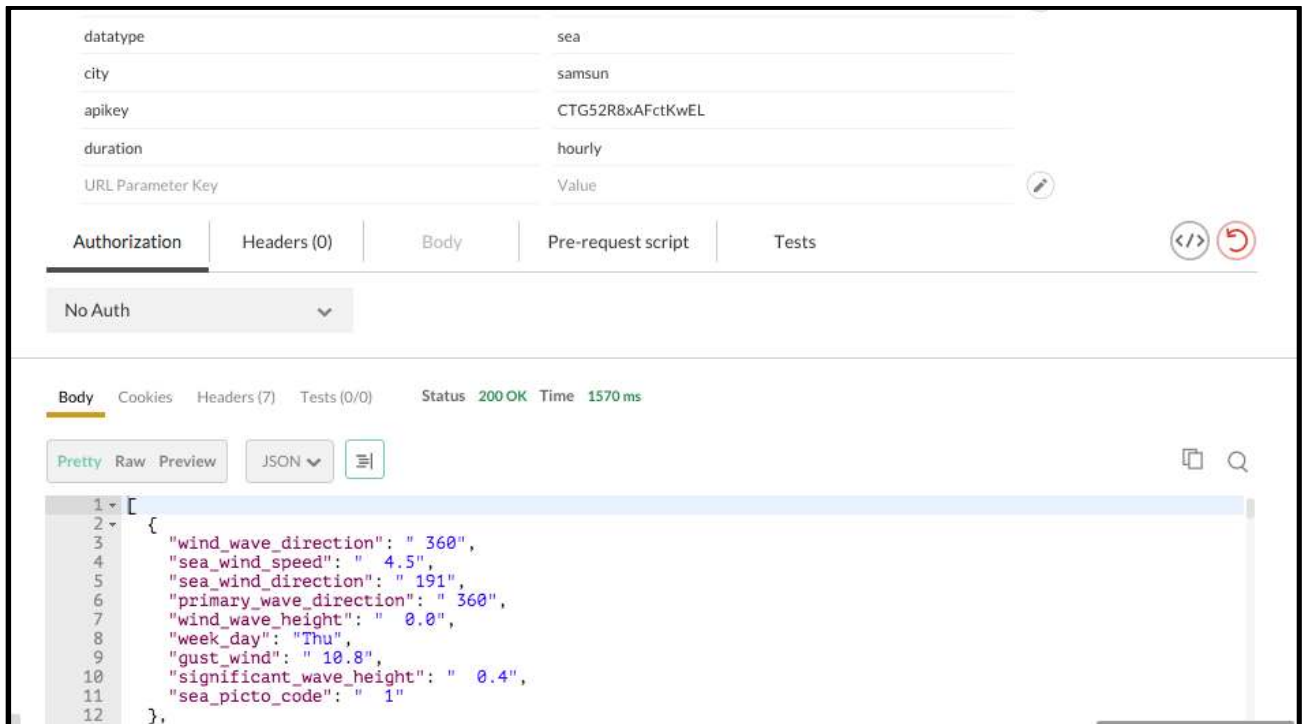


Figure 2 : parameters and taken json (Samsun sea hourly)

Use link below to see taken json :

<http://dataprovder.akfiha.appspot.com/torosgetdata?datatype=sea&city=samsun&apikey=CTG52R8xAFctKwEL&duration=hourly>

## Ceyhan Hourly

Please look at example below to see how to request dataprovider in order to get Ceyhan weather hourly data.

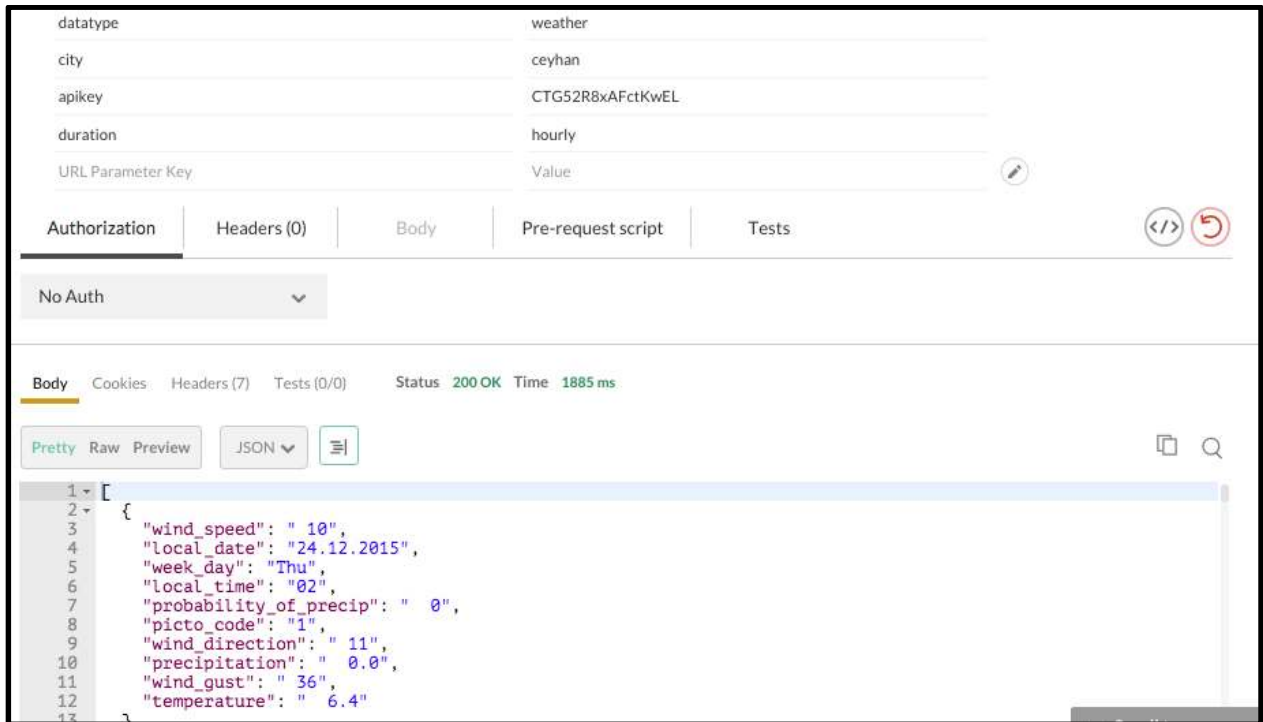


Figure 3 : parameters and taken json (Ceyhan weather hourly)

Use link below to see taken json :

<http://dataprovider.akfiha.appspot.com/torosgetdata?datatype=weather&city=ceyhan&apikey=CTG52R8xAFctKwEL&duration=hourly>

Please look at example below to see how to request dataprovider in order to get Ceyhan sea hourly data.

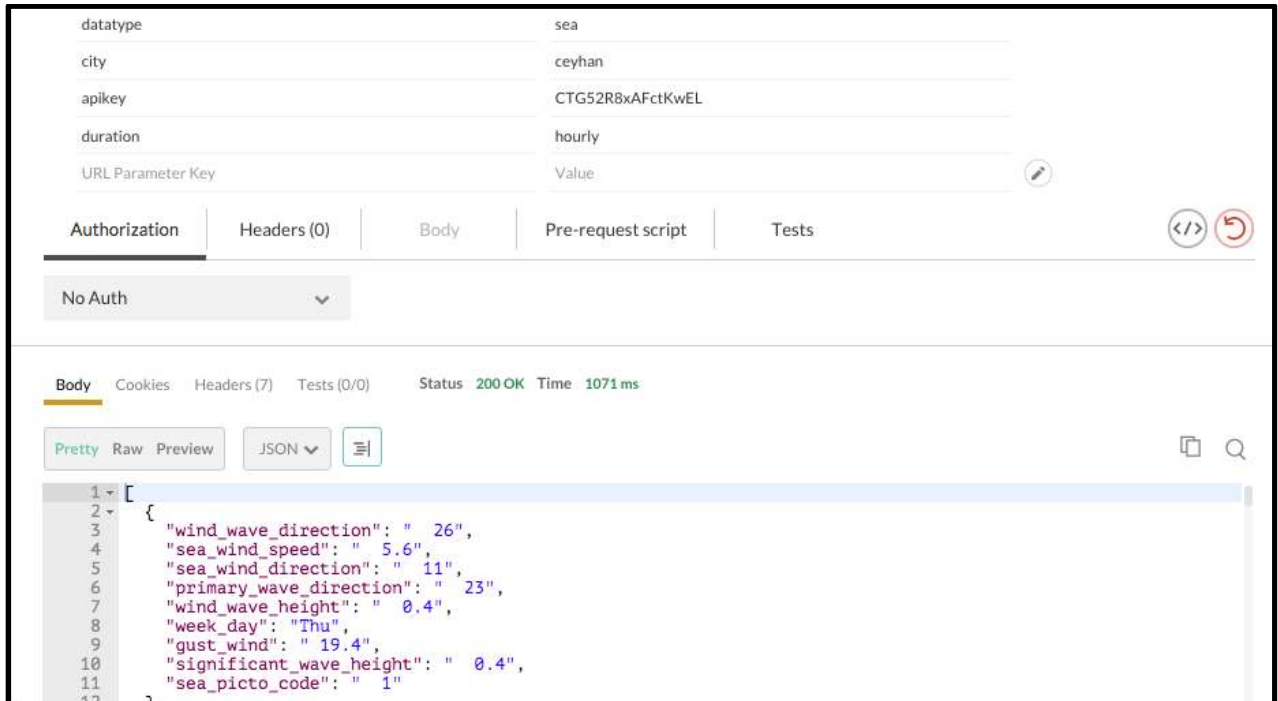


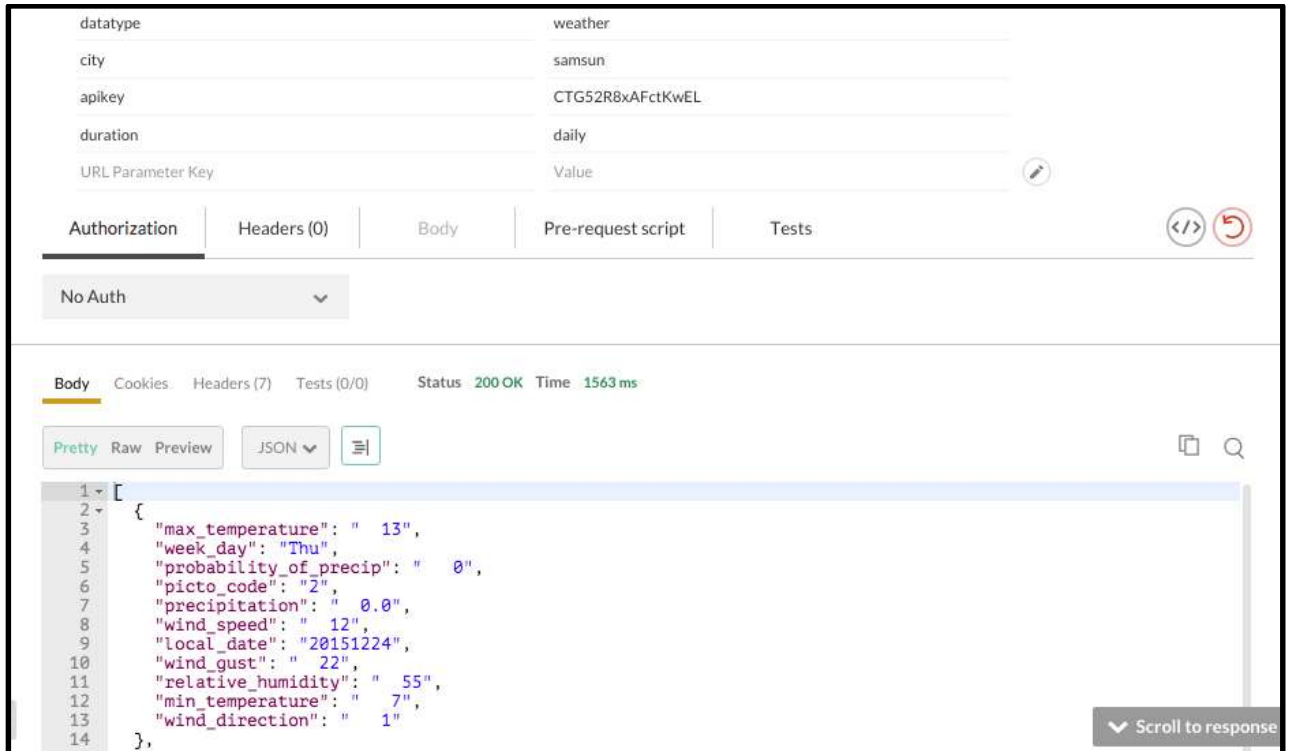
Figure 4 : parameters and taken json (Ceyhan sea hourly)

Use link below to see taken json :

<http://dataprovider.akfiha.appspot.com/torosgetdata?datatype=sea&city=ceyhan&apikey=CTG52R8xAFctKwEL&duration=hourly>

## Samsun Daily

Please look at example below to see how to request dataprovider in order to get Samsun weather daily data.



The screenshot displays a REST client interface with the following parameters:

datatype	weather
city	samsun
apikey	CTG52R8xAFctKwEL
duration	daily
URL Parameter Key	Value

The interface also shows tabs for Authorization, Headers (0), Body, Pre-request script, and Tests. The Authorization tab is selected, showing "No Auth".

The response body is displayed in JSON format, showing the following data:

```
1 [
2 {
3   "max_temperature": " 13",
4   "week_day": "Thu",
5   "probability_of_precip": " 0",
6   "picto_code": "2",
7   "precipitation": " 0.0",
8   "wind_speed": " 12",
9   "local_date": "20151224",
10  "wind_gust": " 22",
11  "relative_humidity": " 55",
12  "min_temperature": " 7",
13  "wind_direction": " 1"
14 },
```

Figure 5 : parameters and taken json (Samsun weather daily)

Use link below to see taken json :

<http://dataprovder.akfiha.appspot.com/torosgetdata?datatype=weather&city=samsun&apikey=CTG52R8xAFctKwEL&duration=daily>

Please look at example below to see how to request dataprovider in order to get Samsun sea daily data.

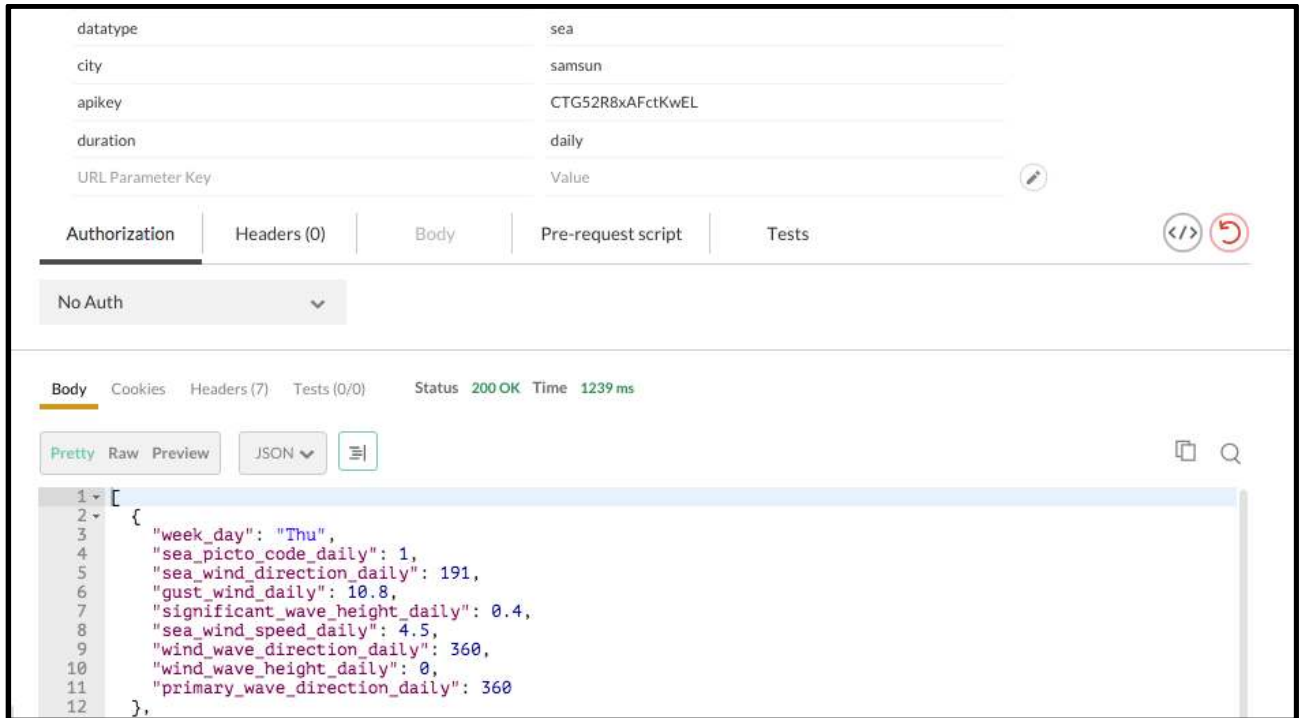


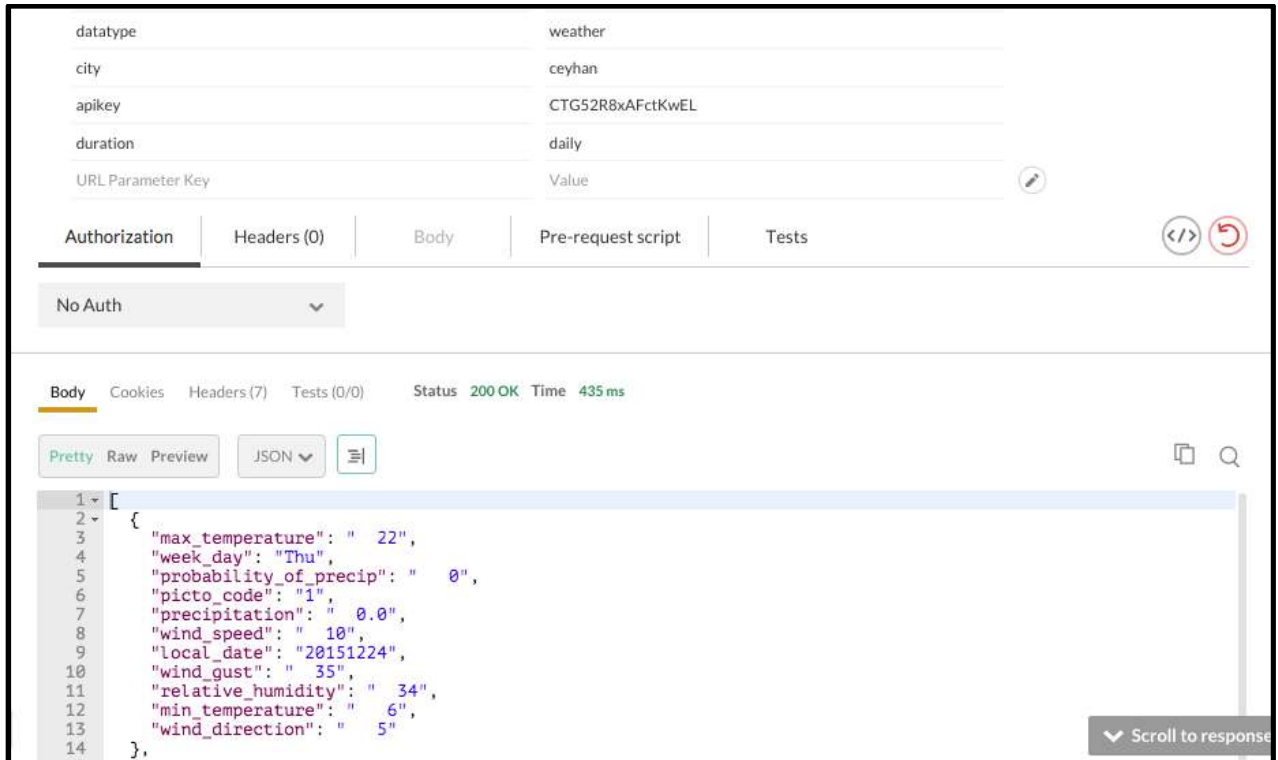
Figure 7 : parameters and taken json (Samsun sea daily)

Use link below to see taken json :

<http://dataprovider.akfiha.appspot.com/torosgetdata?datatype=sea&city=samsun&apikey=CTG52R8xAFctKwEL&duration=daily>

## Ceyhan Daily

Please look at example below to see how to request dataprovider in order to get Ceyhan weather daily data.



The screenshot displays a REST client interface with the following parameters:

datatype	weather
city	ceyhan
apikey	CTG52R8xAFctKwEL
duration	daily
URL Parameter Key	Value

Below the parameters, the interface shows the response body in JSON format:

```
1 [
2   {
3     "max_temperature": " 22",
4     "week_day": "Thu",
5     "probability_of_precip": " 0",
6     "picto_code": "1",
7     "precipitation": " 0.0",
8     "wind_speed": " 10",
9     "local_date": "20151224",
10    "wind_gust": " 35",
11    "relative_humidity": " 34",
12    "min_temperature": " 6",
13    "wind_direction": " 5",
14  },
]
```

Figure 6 : parameters and taken json (Ceyhan weather daily)

Use link below to see taken json :

<http://dataprovider.akfiha.appspot.com/torosgetdata?datatype=weather&city=ceyhan&apikey=CTG52R8xAFctKwEL&duration=daily>



Please look at example below to see how to request dataprovider in order to get Ceyhan sea daily data.

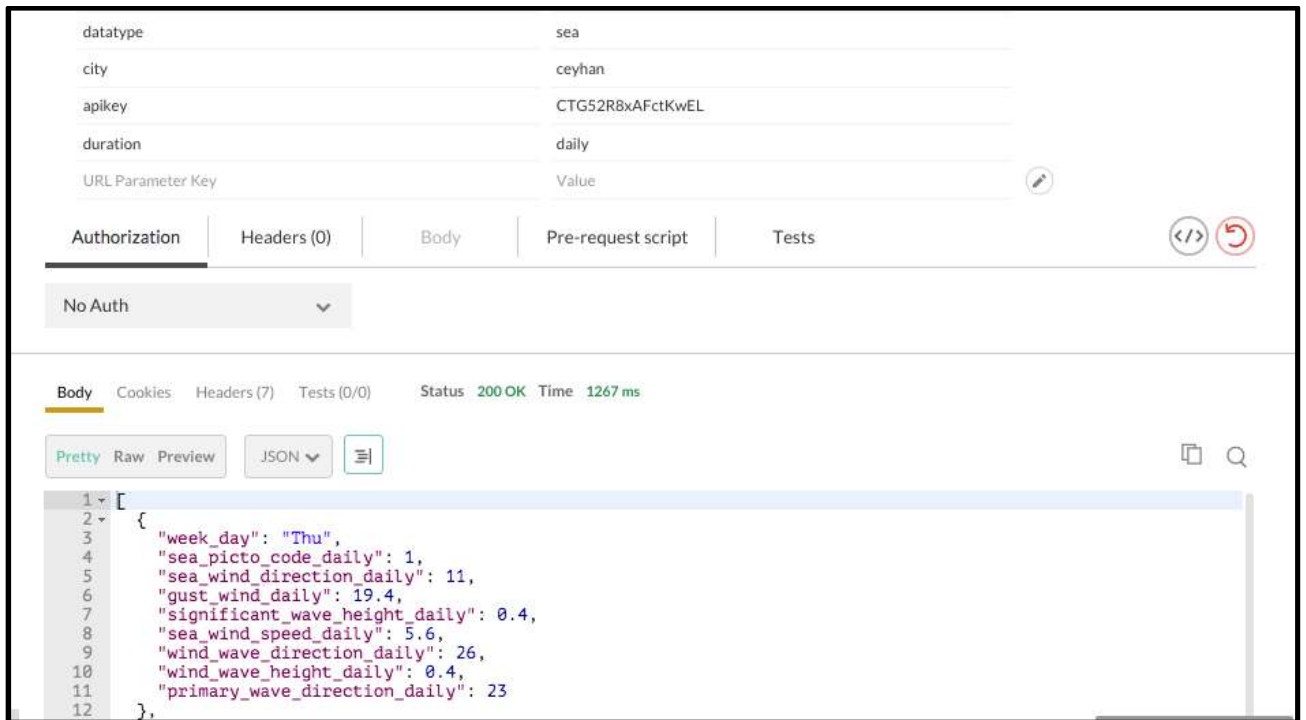


Figure 8 : parameters and taken json (Ceyhan sea daily)

Use link below to see taken json :

<http://dataprovder.akfiha.appspot.com/torosgetdata?datatype=sea&city=ceyhan&apikey=CTG52R8xAFctKwEL&duration=daily>

## Warning Messages

If you request with wrong parameter value, you will get string warning message. Please look at example below to see string warning message.

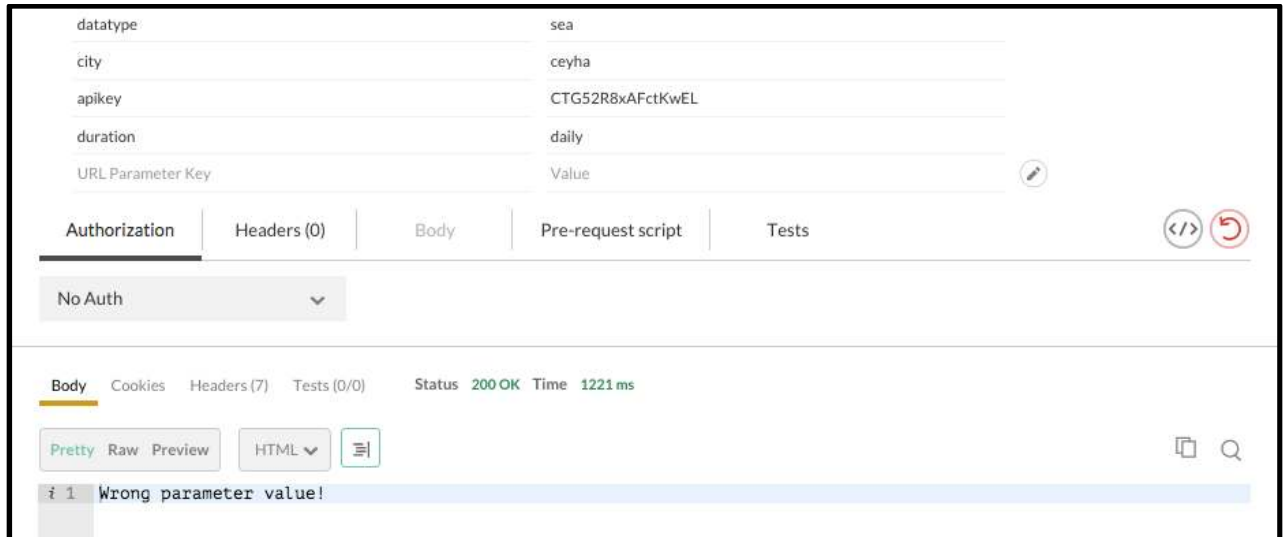


Figure 9 : taken warning message

Use link below to see taken warning message :

<http://datapvider.akfiha.appspot.com/torosgetdata?datatype=sea&city=ceyha&apikey=CTG52R8xAFctKwEL&duration=daily>

## Parameters Definition

### Weather hourly

local\_date : date (dd.mm.YYYY)

week\_day : short names of week days (Ex: Mon, Tue, Fri)

local\_time : time (Ex: 10,11,12). It is suggested you to convert them more readable format (Ex : 10 -> 10.00)

temperature : temperature (C)

precipitation : amount of precipitation (mm)

probability\_of\_precip : probability of precipitation (%)

wind\_speed : wind speed (km/h)

wind\_gust : wind gust (km/h)

wind\_direction : wind direction (deg)

picto\_code : Please look at "WeatherSymbols"

## Weather daily

local\_date : date (YYYYmmdd)

week\_day : short names of week days (Ex: Mon, Tue, Fri)

max\_temperature : maximum temperature of the day (C)

min\_temperature : minimum temperature of the day (C)

relative\_humidity : relative humidity of the day (%)

precipitation : amount of precipitation of the day (mm)

probability\_of\_precip : probability of precipitation of the day (%)

wind\_gust : wind gust of the day (km/h)

wind\_speed : wind speed of the day (km/h)

wind\_direction : wind direction of the day (deg)

picto\_code : Please look at "WeatherSymbols"

## Sea hourly

local\_date : date (dd.mm.YYYY)

week\_day : short names of week days (Ex: Mon, Tue, Fri)

local\_time : time (Ex: 10,11,12). It is suggested you to convert them more readable format (Ex : 10 -> 10.00)

significant\_wave\_height : wave height (m)

primary\_wave\_direction : primary wave direction (deg)

wind\_wave\_direction : wind wave direction (deg)

wind\_wave\_height : wind wave height (m)  
gust\_wind : gust wind (knots)  
sea\_wind\_speed : wind speed (knots)  
sea\_wind\_direction : wind direction (deg)  
sea\_picto\_code : Please look at "WeatherSymbols"

## Sea daily

local\_date : date (dd.mm.YYYY)  
week\_day : short names of week days (Ex: Mon, Tue, Fri)  
significant\_wave\_height\_daily : wave height of the day (m)  
primary\_wave\_direction\_daily : primary wave direction of the day (deg)  
wind\_wave\_direction\_daily : wind wave direction of the day (deg)  
wind\_wave\_height\_daily : wind wave height of the day (m)  
gust\_wind\_daily : gust wind of the day (knots)  
sea\_wind\_speed\_daily : wind speed of the day (knots)  
sea\_wind\_direction\_daily : wind direction of the day (deg)  
sea\_picto\_code\_daily : Please look at "WeatherSymbols"

## WeatherSymbols

Weather Hourly, Sea Hourly, Sea Daily

Picto Code	Meaning	
1	Clear, cloudless sky	Açık
2	Clear, few cirrus	Açık, yüksek irtifa bulutları görülebilir
3	Clear with cirrus	Açık, yüksek irtifa bulutları olacak
4	Clear with few low clouds	Açık, alçak seviye bulutlar olabilir
5	Clear with few low clouds and few cirrus	Açık, hafif bulutlanma olabilir
6	Clear with few low clouds and cirrus	Açık, hafif alçak seviye bulutlanma ve yüksek irtifa bulutlar
7	Clear with few low clouds and cirrus	Açık
8	Partly cloudy and few cirrus	Hafif bulutlu

9	Partly cloudy and cirrus	Hafif bulutlu
10	Mixed with some thunderstorm clouds possible	Fırtına bulutları görülebilir
11	Mixed with few cirrus with some thunderstorm clouds possible	Parçalı yüksek bulutlar ve fırtına bulutları görülebilir
12	Mixed with cirrus and some thunderstorm clouds possible	Yüksek bulutlar ve fırtına bulutları görülebilir
13	Clear but hazy	Açık, pus olabilir
14	Clear but hazy with few cirrus	Açık, pus ve yüksek bulutlar görülebilir
15	Clear but hazy with cirrus	Açık, pus ve yüksek bulutlar görülecek
16	Fog/low stratus clouds	Sisli
17	Fog/low stratus clouds with few cirrus	Sisli ve az bulutlu
18	Fog/low stratus clouds with cirrus	Sisli ve bulutlu
19	Mostly cloudy	Çoğunlukla bulutlu
20	Mostly cloudy and few cirrus	Çoğunlukla bulutlu, yüksek bulutlar görülebilir
21	Mostly cloudy and cirrus	Çoğunlukla bulutlu, yüksek bulutlar görülecek
22	Overcast	Kapalı hava
23	Overcast with rain	Yağmurlu ve kapalı hava
24	Overcast with snow	Kar yağışlı ve kapalı hava
25	Overcast with heavy rain	Yoğun yağmurlu ve kapalı hava
26	Overcast with heavy snow	Yoğun kar yağışlı ve kapalı hava
27	Rain, thunderstorms likely	Yağmurlu ve gökgürültülü fırtına olasılığı
28	Light rain, thunderstorms likely	Hafif yağmur ve gökgürültülü fırtına olasılığı
29	Storm with heavy snow	Yoğun kar yağışı ve fırtına
30	Heavy rain, thunderstorms likely	Yoğun yağmurlu ve olası gökgürültülü fırtına
31	Mixed with showers	Sağanak yağışlı
32	Mixed with snow showers	Kar sağanağı
33	Overcast with light rain	Hafif yağmurlu, kapalı hava
34	Overcast with light snow	Hafif karlı, kapalı hava
35	Overcast with mixture of snow and rain	Kapalı, karla karışık yağmurlu

## Weather Daily

Picto Code	Meaning	
1	Sunny, cloudless sky	Güneşli, açık gökyüzü
2	Sunny and few clouds	Güneşli, hafif bulutlu
3	Partly cloudy	Parçalı bulutlu
4	Overcast	Kapalı
5	Fog	Sisli

6	Overcast with rain	Yağmurlu, kapalı hava
7	Mixed with showers	Sağanak yağışlı
8	Showers, thunderstorms likely	Sağanak yağışlar ve gökgürültülü hava
9	Overcast with snow	Kapalı ve kar yağışlı
10	Mixed with snow showers	Kar sağanakları
11	Mostly cloudy with a mixture of snow and rain	Çok bulutlu, karla karışık yağmurlu
12	Overcast with light rain	Kapalı, hafif yağmurlu
13	Overcast with light snow	Kapalı, hafif kar yağışlı
14	Mostly cloudy with rain	Yağmurlu ve çok bulutlu
15	Mostly cloudy with snow	Kar yağışlı ve çok bulutlu
16	Mostly cloudy with light rain	Hafif yağmurlu ve çok bulutlu
17	Mostly cloudy with light snow	Hafif kar yağışlı ve çok bulutlu