



## Lifestyle Indices - Power Disruption Index - v2

Domain Portfolio: Forecast | Domain: Lifestyle - Indices | Usage Classification: Standard

**Geography:** Global

**Attribution Required:** n/a

**Attribution Requirements:** n/a

Your content licensing agreement with TWC determines the number of days returned in the API response and is constrained by the API Key that is provided to your company.

### Overview

The Forecast Indices API is sourced from the TWC Forecast system. The Power Disruption index provides indices indicating the potential for power disruptions due to weather.

### HTTP Headers and Data Lifetime - Caching and Expiration

For details on appropriate header values as well as caching and expiration definitions, please see [The Weather Company Data | API Common Usage Guide](#).

### URL Construction

Atomic API URL Examples:	
Power Disruption Index - Daypart API	
<b>Request by Geocode (Latitude &amp; Longitude):</b> <b>Required Parameters:</b> <a href="#">geocode</a> , <a href="#">language</a> , <a href="#">format</a> <a href="https://api.weather.com/v2/indices/powerDisruption/daypart/&lt;duration&gt;?geocode=33.74,-84.39&amp;language=en-US&amp;format=&lt;json&gt;&amp;apiKey=yourApiKey">https://api.weather.com/v2/indices/powerDisruption/daypart/&lt;duration&gt;?geocode=33.74,-84.39&amp;language=en-US&amp;format=&lt;json&gt;&amp;apiKey=yourApiKey</a>	<b>Aggregate Product Name</b>
<a href="https://api.weather.com/v2/indices/powerDisruption/daypart/15day?geocode=33.74,-84.39&amp;language=en-US&amp;format=json&amp;apiKey=yourApiKey">https://api.weather.com/v2/indices/powerDisruption/daypart/15day?geocode=33.74,-84.39&amp;language=en-US&amp;format=json&amp;apiKey=yourApiKey</a>	v2idxPowerDaypart15
<b>Request by Postal Code:</b> <b>Required Parameters:</b> <a href="#">postalCode</a> , <a href="#">countryCode</a> , <a href="#">language</a> , <a href="#">format</a> <a href="https://api.weather.com/v2/indices/powerDisruption/daypart/&lt;duration&gt;?postalCode=94608&amp;countryCode=US&amp;format=&lt;json&gt;&amp;language=en-US&amp;apiKey=yourApiKey">https://api.weather.com/v2/indices/powerDisruption/daypart/&lt;duration&gt;?postalCode=94608&amp;countryCode=US&amp;format=&lt;json&gt;&amp;language=en-US&amp;apiKey=yourApiKey</a>	<b>Aggregate Product Name</b>
<a href="https://api.weather.com/v2/indices/powerDisruption/daypart/15day?postalCode=94608&amp;countryCode=US&amp;format=json&amp;language=en-US&amp;apiKey=yourApiKey">https://api.weather.com/v2/indices/powerDisruption/daypart/15day?postalCode=94608&amp;countryCode=US&amp;format=json&amp;language=en-US&amp;apiKey=yourApiKey</a>	v2idxPowerDaypart15

### Data Elements & Definitions

API Name	Field Name	Description	Type	Range	Sample	Nulls Allowed	Usage
Repeating Elements: Unique to Forecast							
	fcstValid	Time forecast is valid ... start of the forecast period, always 7am local time.	[epoch]		1369306800	N	Display As Provided
	fcstValidLocal	Time forecast is valid ... start of the forecast period, always 7am local time.	[ISO]		2013-05-23T07:00:00-0400	N	Display As Provided
Repeating Elements: Common Per Time Segment							
	num	Daypart Segment (12hour) - Sequential daypart number, where 1 = daytime of Day 0	[integer]		21	N	Display As Provided
	dayInd	Day / Night Indicator	[string]	D, N	D	N	Display As Provided

	daypartName	Name of 12hr daypart, not including day names in first 48hrs	[string]		Tomorrow	N	Display As Provided
Atomic Indices							
Power Disruption Index	powerDisruptionCategory	Descriptive text of Power Disruption Index	[string]		Low	N	Display As Provided
	powerDisruptionIndex	Index indicating the potential for power disruptions due to weather. 0=none, 1=low, 2=moderate, 3=high, 4=very high	[integer]	0-4	1	N	Display As Provided

JSON Sample

JSON Sample - Daypart
<pre>{   "metadata": {},   "powerDisruptionIndex12hour": {     "fcstValid": [],           //{JSON payload},     "fcstValidLocal": [],      //{JSON payload},     "dayInd": [],             //{JSON payload},     "num": [],                 //{JSON payload},     "daypartName": [],         //{JSON payload},     "powerDisruptionIndex": [], //{JSON payload},     "powerDisruptionCategory": [] //{JSON payload},   } }</pre>