



## Lifestyle Indices - Ski 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 Ski Index provides indices of ski conditions 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:	
Ski Index - Daypart API	
Request by Geocode (Latitude & Longitude): Required Parameters: geocode, language, format https://api.weather.com/v2/indices/ski/daypart/<duration>?geocode=33.74,-84.39&language=en-US&format=json&apiKey=yourApiKey	Aggregate Product Name
https://api.weather.com/v2/indices/ski/daypart/3day?geocode=33.74,-84.39&language=en-US&format=json&apiKey=yourApiKey	v2idxSkiDaypart3
https://api.weather.com/v2/indices/ski/daypart/5day?geocode=33.74,-84.39&language=en-US&format=json&apiKey=yourApiKey	v2idxSkiDaypart5
https://api.weather.com/v2/indices/ski/daypart/7day?geocode=33.74,-84.39&language=en-US&format=json&apiKey=yourApiKey	v2idxSkiDaypart7
https://api.weather.com/v2/indices/ski/daypart/10day?geocode=33.74,-84.39&language=en-US&format=json&apiKey=yourApiKey	v2idxSkiDaypart10
https://api.weather.com/v2/indices/ski/daypart/15day?geocode=33.74,-84.39&language=en-US&format=json&apiKey=yourApiKey	v2idxSkiDaypart15
Request by Postal Code: Required Parameters: postalCode, countryCode, language, format https://api.weather.com/v2/indices/ski/daypart/<duration>?postalCode=94608&countryCode=US&format=json&language=en-US&apiKey=yourApiKey	Aggregate Product Name
https://api.weather.com/v2/indices/ski/daypart/3day?postalCode=94608&countryCode=US&format=json&language=en-US&apiKey=yourApiKey	v2idxSkiDaypart3

## 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							
Ski Index	skiCategory	Descriptive text of Ski Index	[string]		Very Good	N	Display As Provided
	skiIndex	Index of ski conditions due to weather. 1=Very Poor, 2-3=Poor, 4-5=Fair, 6-7=Good, 8-9=Very Good, 10=Excellent	[integer]	1-10	9	N	Display As Provided

## JSON Sample

JSON Sample - Daypart

```
{
  "metadata": {},
  "skiIndex12hour": {
    "fcstValid": [],      //{JSON payload},
    "fcstValidLocal": [], //{JSON payload},
    "dayInd": [],         //{JSON payload},
    "num": [],            //{JSON payload},
    "daypartName": [],    //{JSON payload},
    "skiIndex": [],       //{JSON payload},
    "skiCategory": []     //{JSON payload},
  }
}
```