# Table of Contents

1.0 Introduction to Web Tools .................................................................................................................. 3  
1.1 Before you get started: .......................................................................................................................... 3  

2.0 Sunday Holiday API ............................................................................................................................ 3  
2.1 Overview ............................................................................................................................................... 3  
2.1.1 API Signature .................................................................................................................................... 3  
2.2 Request Tag Descriptions ..................................................................................................................... 3  
2.2.1 Request Sample ............................................................................................................................... 4  
2.3 Response Tag Descriptions .................................................................................................................. 4  
2.3.1 Response Sample ............................................................................................................................ 4
1.0 Introduction to Web Tools

This document contains a Reference Guide to the USPS Sunday Holiday API. See the Developers Guide to learn the administrative process for gaining access to the Web Tools APIs as well as the basic mechanism for calling the APIs and processing the results. The Developer’s Guide also contains information on testing and troubleshooting.

Note: The Request Parameter sections present the XML input tags for generating live requests along with the restrictions on the values allowed. An error message will be returned if an incorrect value is entered. Also, be aware of the maximum character amounts allowed for some tags. If the user enters more than those amounts, an error will not be generated. Web Tools will simply pass in the characters up to the maximum amount allowed and disregard the rest. This is important since the resulting value could prevent a correct response.

When building the XML request, pay particular attention to the order and case for tags. An error message will be returned if an incorrect value is entered. Remember that all data and attribute values in this document are for illustration purposes and are to be replaced by your actual values. For instance, a line of sample code may be:

```xml
<TrackID> EJ123456780US </TrackID>
```

In this instance, you will replace “EJ123456780US” with the tracking ID for the package.

1.1 Before you get started:

For information on registering and getting started with Web Tools, please refer to the Step-By-Step guide found on the Web Tools Technical Documentation Page.

2.0 Sunday Holiday API

2.1 Overview

The Sunday Holiday API allows customers to request information on package availability for Sunday’s and/or Holidays for a given zip code pairing. For information on USPS Holidays, please visit https://about.usps.com/newsroom/events/.

2.1.1 API Signature

<table>
<thead>
<tr>
<th>Scheme</th>
<th>Host</th>
<th>Path</th>
<th>API</th>
<th>XML</th>
</tr>
</thead>
<tbody>
<tr>
<td><a href="https://secure.shippingapis.com">https://secure.shippingapis.com</a></td>
<td>/shippingapi.dll?API=SundayHolidayAvailability</td>
<td>&amp;XML=(see Tag Descriptions below)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2.2 Request Descriptions

<table>
<thead>
<tr>
<th>Tag Name</th>
<th>Occurs</th>
<th>Description</th>
<th>Type</th>
<th>Validation</th>
</tr>
</thead>
<tbody>
<tr>
<td>SundayHolidayRequest</td>
<td>Required</td>
<td>API = SundayHolidayRequest</td>
<td>(Alias)</td>
<td></td>
</tr>
</tbody>
</table>
| SundayHolidayRequest / SundayHoliday / USERID | Required| This attribute specifies your WebTools ID. See the Developers Guide for information on obtaining your USERID For example:  
                  |        | <USERID="XXXXXXXXXX">                          | NMTOKEN            |                             |
| SundayHolidayRequest / SundayHoliday | Required| Select Sunday or Holiday                         | String             | Sunday or Holiday           |
| SundayHolidayRequest / FromZipCode    | Required| 5 digit ship from Zip                           | String             |                             |
### Tag Name Table

<table>
<thead>
<tr>
<th>Tag Name</th>
<th>Occurs</th>
<th>Description</th>
<th>Type</th>
<th>Validation</th>
</tr>
</thead>
<tbody>
<tr>
<td>SundayHolidayRequest / ToZipCode</td>
<td>Required</td>
<td>5 digit ship to zip</td>
<td>String</td>
<td></td>
</tr>
<tr>
<td>SundayHolidayRequest</td>
<td>Required</td>
<td>API = SundayHolidayRequest</td>
<td>(Alias)</td>
<td></td>
</tr>
</tbody>
</table>

### Sample Request

#### Request: SundayHoliday

```
<SundayHolidayRequest USERID="XXXXXXXXXXXX">  
<SundayHoliday>Sunday</SundayHoliday>  
<FromZipCode>18702</FromZipCode>  
<ToZipCode>90210</ToZipCode>  
</SundayHolidayRequest>
```

### Response Descriptions

<table>
<thead>
<tr>
<th>Tag Name</th>
<th>Occurs</th>
<th>Description</th>
<th>Type</th>
<th>Validation</th>
</tr>
</thead>
<tbody>
<tr>
<td>SundayHolidayResponse</td>
<td>Required</td>
<td>API = SundayHolidayResponse</td>
<td>(Alias)</td>
<td></td>
</tr>
</tbody>
</table>
| SundayHolidayResponse / Delivery | Required | Returns whether the lane is eligible for delivery on day type selected. | String  | Enumeration=
• Yes
• No |
| SundayHolidayResponse / Error | Optional | Returns when error occurs                        | String  |            |
| SundayHolidayResponse    | Required | API = SundayHolidayResponse                      | (Alias) |            |

### Sample Response

#### Response: SundayHoliday – Delivery Available

```
<SundayHolidayAvailabilityResponse>  
<DeliveryAvailability>Yes</DeliveryAvailability>  
</SundayHolidayAvailabilityResponse>
```

#### Response: SundayHoliday – Delivery Unavailable

```
<SundayHolidayAvailabilityResponse>  
<DeliveryAvailability>No</DeliveryAvailability>  
</SundayHolidayAvailabilityResponse>
```


```
<Error>  
<Number>-2147218250</Number>  
<Source>clsSundayHoliday:ValidateParameters</Source>  
<Description>Please enter a numeric From Zip Code.</Description>  
<HelpFile/>  
<HelpContext/>  
</Error>
```

#### Response: SundayHoliday – Invalid Destination Zip Code

```
<Error>  
<Number>-2147218250</Number>  
<Source>clsSundayHoliday:ValidateParameters</Source>  
<Description>Please enter a numeric To Zip Code.</Description>  
<HelpFile/>
```
<HelpContext/>
</Error>