

Parking Blockface Information Data

The City of Seattle Department of Transportation (SDOT) is providing this Parking Blockface data set as an inventory of paid parking blocks with the number of paid spaces within Seattle city limits. The dataset contains city block paid parking attributes such as peak hours when parking is not allowed, paid parking operating hours, parking rates, and the number of paid parking spaces on the blockface. The dataset is updated nightly.

Purpose

SDOT publishes these data on the City's data.seattle.gov. The mission of data.seattle.gov is to provide timely and accurate City information to increase government transparency and access to useful and well organized data by the general public, non-governmental organizations, and City of Seattle employees.

Specifically with respect to parking, SDOT is providing these datasets to encourage programmers to develop parking apps that can help people make smarter decisions to find parking faster and spending less time circling, stuck in traffic.

For more information about Seattle's paid parking system, please see this [link](#). Most Seattle on-street paid parking operates Monday-Saturday between 8 am and 8 pm, with 2-hour, 10-hour or 4-hour time limits and a variety of hourly rates between \$1.00/hour and \$4.00/hour. It is critical to understand that the number of paid parking spaces vary by time of day. There are times of no parking payment allowed such as during morning and evening commute periods on downtown arterial streets.

Instructions

For data access, please go to this URL source below:

<http://web6.seattle.gov/SDOT/wapiParkingStudy/api/blockface>

Request Parameter

Parameter	Details
N/A	Not applicable

Example Usage

<http://web6.seattle.gov/SDOT/wapiParkingStudy/api/blockface>

Data Caveats

In terms of the paid parking transactions and blockface parking space information, it is critical to understand that a calculation of paid parking occupancy (number of transactions per the number of spaces over a time period) does most likely not mirror actual vehicle occupancy at that time. There are a number of vehicles parked on a daily basis that do not pay, for either legal or reasons of scofflaw. Developers may want to examine SDOT's Annual Paid Parking Study, a manual parking study, which might be used to understand the variance between paid parking occupancy and actual street parking conditions. More info is [here](#).

With these data sets, SDOT does not have any vehicle identification data or other data that could identify a specific vehicle parked on a city street.

Access and Use constraints

The data is publicly available and accessible. By using data made available through this site, the user agrees to all the conditions stated in the following paragraphs as well as the terms and conditions described under the [City of Seattle data.seattle.gov data policy](#).

The City of Seattle Government makes no claims as to the completeness, accuracy, timeliness, or content of any data contained in this application; makes any representation of any kind, including, but not limited to, warranty of the accuracy or fitness for a particular use; nor are any such warranties to be implied or inferred with respect to the information or data furnished herein. The data is subject to change as modifications and updates are complete. It is understood that the information contained in the site is being used at one's own risk.

Applications using data supplied by this site must include the following disclaimers on their sites, as found on the [data.seattle.gov data policy page](#):

“The data made available here has been modified for use from its original source, which is the City of Seattle. Neither the City of Seattle nor the Office of the Chief Technology Officer (OCTO) makes any claims as to the completeness, timeliness, accuracy or content of any data contained in this application; makes any representation of any kind, including, but not limited to, warranty of the accuracy or fitness for a particular use; nor are any such warranties to be implied or inferred with respect to the information or data furnished herein. The data is subject to change as modifications and updates are complete. It is understood that the information contained in the web feed is being used at one's own risk.”

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Attributes

Below are the data columns of the paid parking blockface web service

Column	Datatype	Description
PayStationBlockfaceID	Text	System unique identifier
Elementkey	Text	Unique identifier for the city street segment (blockface)
ParkingSpaces	Text	Count of allowable parking spaces on the blockface
PaidParkingArea	Text	Paid parking area of neighborhood
ParkingTimeLimitCategory	Text	Parking time limit category
PeakHourStart1	Text	Start time for the first interval of peak hour parking restriction
PeakHourEnd1	Text	End time for the first interval of peak hour parking

Column	Datatype	Description
		restriction
PeakHourStart2	Text	Start time for the second interval of peak hour parking restriction
PeakHourEnd2	Text	End time for the second interval of peak hour parking restriction
PeakHourStart3	Text	Start time for the third interval of peak hour parking restriction
PeakHourEnd3	Text	End time for the third interval of peak hour parking restriction
PaidAreaStartTime	Text	Paid parking area start time (used prior to variable parking rate)
PaidAreaEndTime	Text	Paid parking area end time (used prior to variable parking rate)
EffectiveStartDate	Text	Effective start date of the record
EffectiveEndDate	Text	Effective end date of the record
PaidParkingRate	Text	Paid parking rate on the block (used prior to variable parking rate)
ParkingCategory	Text	Parking category
Load	Text	Count of spaces on the block allocated for various loading activities
Zone	Text	Count of spaces on the block allocated for short-term special use, such as passenger load, taxi, carshare, bus, etc...
WeekdayRate1	Text	Weekday parking rate – 1 st interval
WeekdayStart1	Text	Weekday start time parking rate for the 1 st interval. Time is in minutes after midnight(i.e., 600 = 10:00AM)
WeekdayEnd1	Text	Weekday end time parking rate for the 1 st interval. Time is in minutes after midnight(i.e., 600 = 10:00AM)
WeekdayRate2	Text	Weekday parking rate – 2 nd interval
WeekdayStart2	Text	Weekday start time parking rate for the 2 nd interval. Time is in minutes after midnight(i.e., 600 = 10:00AM)
WeekdayEnd2	Text	Weekday end time parking rate for the 2 nd interval. Time is in minutes after midnight(i.e., 600 = 10:00AM)
WeekdayRate3	Text	Weekday parking rate – 3 rd interval
WeekdayStart3	Text	Weekday start time parking rate for the 3 rd interval. Time is in minutes after midnight(i.e., 600 = 10:00AM)
WeekdayEnd3	Text	Weekday end time parking rate for the 3 rd interval. Time is in minutes after midnight(i.e., 600 = 10:00AM)
StartTimeWeekday	Text	Weekday Paid parking start time
EndTimeWeekday	Text	Weekday paid parking end time
SaturdayRate1	Text	Saturday parking rate – 1 st interval
SaturdayStart1	Text	Saturday start time parking rate for the 1 st interval. Time is in minutes after midnight(i.e., 600 = 10:00AM)
SaturdayEnd1	Text	Saturday end time parking rate for the 1 st interval. Time is in minutes after midnight(i.e., 600 = 10:00AM)

