

## Public WiFi Sessions

This dataset includes data related to the City of Boulder’s public WiFi service, ConnectBoulder. Data is broken down by day and location and includes information on connection time, duration, speed, mode, and signal. Guest connections to both ConnectBoulder and BLDG 61 networks are included.

This data is derived from the City’s AirWave Management Platform, Aruba, and is updated daily.

The fields for this dataset are described below.

### Public WiFi Sessions

Column Name	Description
DeviceName	Wi-Fi Access point name
WiFiGroup	Building location abbreviation. This field can be used to join with the <a href="#">ConnectBoulder WiFi Coverage dataset</a> .
DeviceLocation	Specific location of WiFi device by address and room
ConnectTime	Device connection start time
DisconnectTime	Device connection end time
Total Traffic_MB	Total data traffic in and out
Total TrafficIN_MB	Total data traffic in
Total TrafficOUT_MB	Total data traffic out
AvgUsage_Kbps	Average data usage per device
AvgSignal_dBm	Average signal strength
AvgSignalQuality	Average signal quality
Vendor	Vendor of the network interface on device
AP_Radio	Radio antenna type on device
ConnectionMode	Radio connection by type and frequency
SSID	Service set identifier. This dataset is limited to the ConnectBoulder and BLDG 61 wireless networks.