

# Google Data Centers

## 2021 Annual Water Metrics (In Million Gallons)

Location	Withdrawal	Discharge	Consumption	Golf Course Equivalents <sup>1</sup> (estimated)
Berkeley County, SC	541.3	65.9	475.3	3.2
Council Bluffs, IA	1,111.0	265.2	845.8	5.7
The Dalles, OR	358.3	83.8	274.5	1.8
Douglas County, GA	421.8	61.7	360.1	2.4
<i>Reclaimed Wastewater<sup>2</sup></i>	408.6			
<i>Potable Water</i>	13.2			
Henderson, NV	68.9	28.4	40.5	<1
Jackson County, AL	92.3	22.1	70.2	<1
Leesburg, VA	59.6	15.0	44.7	<1
Lenoir, NC	352.2	21.5	330.7	2.2
Mayes County, OK	863.1	192.0	671.2	4.5
Midlothian, TX	51.3	11.4	39.9	<1
Montgomery County, TN	166.5	27.3	139.2	<1
New Albany, OH	27.0	11.1	15.9	<1
Papillion, NE	34.2	16.7	17.5	<1
Sterling, VA	51.3	9.3	41.9	<1
Storey County, NV	0.6	0.6	0.1	<1
<b>U.S. Locations</b>	<b>4,199.4</b>	<b>832.0</b>	<b>3,367.4</b>	<b>22.5</b>
<b>Additional Global Locations</b>	<b>1,332.2</b>	<b>361.2</b>	<b>971.0</b>	<b>6.5</b>
<i>Non-potable Water</i>	<i>883.9</i>			
<i>Potable Water</i>	<i>448.3</i>			
<b>Total Annual Water Consumption:</b>			<b>4,338.3</b>	<b>29.0</b>

4.3 billion gallons of water is...

the consumption of Google's global data center fleet in 2021

the annual water footprint of 29 golf courses in the southwest U.S.<sup>1</sup>

1. Based on average annual irrigation of golf courses in the southwest U.S. of 459 acre-ft, or ~150 million gallons, [US Golf Assn.](#)

2. Treated wastewater supplied from the Sweetwater Creek Sidestream Reuse Facility.

"Water consumption" is equal to ("water withdrawal" – "water discharge"). Unless otherwise noted, all water metrics above are potable water. Our reported annual water withdrawal, water discharge, and water consumption metrics do not include seawater. For these water metrics, the geographical scope includes Google-owned data centers. Water withdrawal and discharge data is based on actual metered or invoiced data when it is available. In all instances where actual data is not available, we estimate water withdrawal and discharge using industry best practices.

This data is subject to measurement uncertainties resulting from limitations inherent in the nature and the methods used for determining such data. The selection of different but acceptable measurement techniques can result in materially different measurements. The precision of different measurement techniques may also vary. Whereas we annually obtain third-party assurance from an independent, accredited auditor for Google's top down operational water metrics, the water metrics within this data table have not been similarly verified or assured.