



# Climate Change Pledge City of Davis 2007

In the U.S., carbon dioxide emissions per capita are over 40,000 pounds per year, which includes personal household and transportation emissions, as well as emissions generated by the products we consume. So let's get to work!

Take the pledge! Do some or all of the following things to reduce carbon emissions.

▼ CHECK HERE IF YOU ARE ALREADY DOING THIS

▼ ENTER HERE

▼ MULTIPLY

	THINGS YOU CAN DO TO REDUCE CARBON DIOXIDE EMISSIONS	ACTION YOU WILL PLEDGE EACH YEAR	PLEDGE UNITS	POUNDS SAVED	TOTAL POUNDS
<input type="checkbox"/>	Use a push lawn mower instead of a gasoline or electric mower- save 50 pounds of carbon dioxide a year	Number of lawns you will push mow each year		<b>x 50</b>	
<input type="checkbox"/>	Change incandescent bulbs to compact fluorescent bulbs- replacing one 60w bulb with a 15w CFL saves 100 pounds of carbon dioxide a year	Number of bulbs you will change to compact fluorescent each year		<b>x 100</b>	
<input type="checkbox"/>	Turn off your computer for 8 hours each night- save 500 pounds a year	Number of computers you will shut down on a nightly basis each year		<b>x 500</b>	
<input type="checkbox"/>	Line dry your laundry- hanging your laundry up to dry one month out of the year saves 130 pounds of carbon dioxide a year	Number of months you will line dry your laundry each year		<b>x 130</b>	
<input type="checkbox"/>	Reduce weekly car travel by biking, walking, busing or carpooling- every mile you don't drive saves about one pound of carbon dioxide	Number of miles you will stop driving each year		<b>x 1</b>	
<input type="checkbox"/>	Change your furnace filter regularly, every 1-3 months- save up to 350 pounds of carbon dioxide a year	Number of heating systems you will maintain with clean filters each year		<b>x 350</b>	
<input type="checkbox"/>	Lowering your thermostat by 2 degrees in the winter saves 353 pounds of carbon dioxide a year, or about 170 pounds per degree lowered	Number of degrees you will lower your thermostat each winter		<b>x 170</b>	
<input type="checkbox"/>	Avoid heavily packaged products, thus reducing waste materials- a 1% reduction saves 120 pounds of carbon dioxide a year	Percentage of garbage you will reduce each year		<b>x 120</b>	
<input type="checkbox"/>	Eat less fast-food beef- eating one less ¼ pound burger per week saves the equivalent of 330 pounds of carbon dioxide a year	Number of ¼ pound beef portions you will reduce each year		<b>x 330</b>	
<input type="checkbox"/>	Install a low-flow shower head to use less hot water- save 350 pounds of carbon dioxide a year	Number of shower heads you will replace this year		<b>x 350</b>	
				<b>TOTAL CO<sub>2</sub> POUNDS PLEDGED=</b>	



## Did you know?

■ More than 150 homes in Davis have solar panels.

■ Last year, 10,437 tons of yard waste were picked up at curbside.

■ About 6,673 bikes pass through Russell Blvd. and Sycamore Lane every day.

■ 70-75 kilowatts per day are generated at the Waste Water Treatment Plant through the use of cogeneration.

■ The Brinley Building on Second Street, between E and F Streets, has the most solar panels in Davis.



# More steps you can take

■ Shop at neighborhood & independently owned stores. It saves gas, keeps money in the community and keeps your neighborhood vital.

■ Eat organic, locally grown, or grow your own. Organic soils capture and store carbon dioxide at much higher levels than conventional farms.

■ Drive a more fuel efficient car. If your new car gets 3mpg more than the old one, you can save 3,000 pounds of CO<sub>2</sub> per year.

■ Buy Carbon Offsets, especially for flying, a significant CO<sub>2</sub> generator. Search 'carbon

offsets' online for more information.

Visit the City of Davis sustainability webpage, [www.cityofdavis.org](http://www.cityofdavis.org), and enter your carbon pledge. We'll be tracking the community's total carbon reduction pledges throughout the year so be sure to log on frequently and check on our progress.

Thank you for taking the time to slow climate change. Post this calculator on your refrigerator.

These figures are approximations. Your suggestions and ideas are welcome, please e-mail [sustainability@cityofdavis.org](mailto:sustainability@cityofdavis.org). Special thanks to the Phinney Greenwood Climate Change Action Now! program.