

STUDENT PHOTOGRAPHER

Senior practices freelance photography
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SYRIANS SEEK REFUGE

The United States should accept Syrian refugees
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YOUNG TEAM OVERCOMES STRUGGLES

Aspiring athletes maintain success
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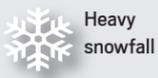
highlights

for students, by students

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*mapkey



Heavy snowfall



Intense heat



Heavy rainfall



Extreme weather



Industrial area releasing excess CO2



Melting glaciers



Methane from agriculture

1 Greenland lost 36 to 60 cubic miles of ice every year between 2000 and 2006

2 China's factories emitted 4.2 billion metric tons of carbon dioxide in 2013

3 During Summer 2015, the UK received 272 millimeters of rainfall, making it the soggiest summer within the last three years

4 Extreme heat in Africa causes crops to die and rivers to dry. As a third world country, Africa relies on these necessities to thrive

5 New York experienced over 26 inches of snowfall during the Jonas Blizzard in late January

source: NASA, NY TIMES, THE WEATHER NETWORK, ORLANDO SENTINEL, PENN STATE EXTENSION, BEEFUSA, ORG, NPR

6 Agriculture contributes about 7 percent of the U.S.'s greenhouse gas emissions. As of January 2015, there are 89.8 million cattle in the U.S.

7 Texas experienced a random storm of tornadoes in December

8 Florida experienced a record-breaking, hot Christmas of 85 degrees, while the average is 72

9 Brazil contributes to deforestation as it continues to convert some of its rainforest into grazing areas for livestock



reduce your global footprint

1. Reduce weekly meat intake: Due to the populations's exponential growth and desire for meat, greenhouse gas emissions increased by 17 percent since 1990

2. Take shorter showers: A faucet that leaks at a rate of one drip per second can waste more than 3,000 gallons of water in a year

3. Carpool: Transportation accounts for 27 percent of the U.S.'s carbon dioxide emissions

4. Use energy efficient products: This essentially reduces greenhouse gas emissions

5. Reduce, reuse, recycle

source: EPA

CLIMATE CONTROVERSY:

Science confirms climate change exists

Scientists validate climate change exists, critics disagree

By MARISA MUHART

With a winter holding temperatures higher than normal, about 3.3 degrees Fahrenheit above average, according to the National Oceanic and Atmospheric Administration, the question of whether climate change exists constantly is

Munich Re America, a survey conducted in December 2014, shows that more than 80 percent of Americans believe that climate change currently exists.

"I think that everyone is entitled to his or her own opinion; however, there is countless scientific data that proves [climate change] is happening," Lisa Maccarone, AP environmental teacher, said.

One of the main concerns with the climate change debate questions what the government will do to help slow the process or prevent it.

"I don't know if it should be the number one priority but

it is a big issue that our government needs to address so we can help make the world better for our kids," sophomore Fernando Ortiz said.

In December, over 150 heads of states and government met in Paris, France, to discuss climate change. The 21st session of the Conference of Parties aim to discuss climate change on a global political level. Pope Francis, President Barack Obama and Chinese President Xi Jinping all spoke at the conference.

Pope Francis stressed the need to take action now instead of later.

"We are on the brink. We are on the brink of a suicide, to use a strong word, and I am sure that most of those at the COP have this conscience, and want to do something," Pope Francis said.

President Obama also spoke about climate change, human's role in it and economic issues dealing with it. His initiatives display the future and his need to change the future now and the need to fix the problem.

"That future is not one of strong economies, nor is it one

where fragile states can find their footing. That future is one that we have the power to change. Right here. Right now. But only if we rise to this moment. As one of America's governors has said, 'we are the first generation to feel the impact of climate change and the last generation that can do something about it.'" President Obama said.

The 29 article agreement written at the end of the COP 21 summit establishes the need to strengthen the global response to climate change, such as holding the increase in global average temperature to below 35.6 degrees Fahrenheit above pre-industrial levels and to take efforts to keep the increased temperature to 34.7 degrees Fahrenheit above pre-industrial levels.

Also in this agreement it says that each party will prepare, communicate and maintain successive nationally-determined contributions (NDCs), which will then be discussed every five years. Scientists determined human activity is the main cause of climate change. The use of fossil fuels, which release

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*randomfact

Wombats poop in the shape of cubes.

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