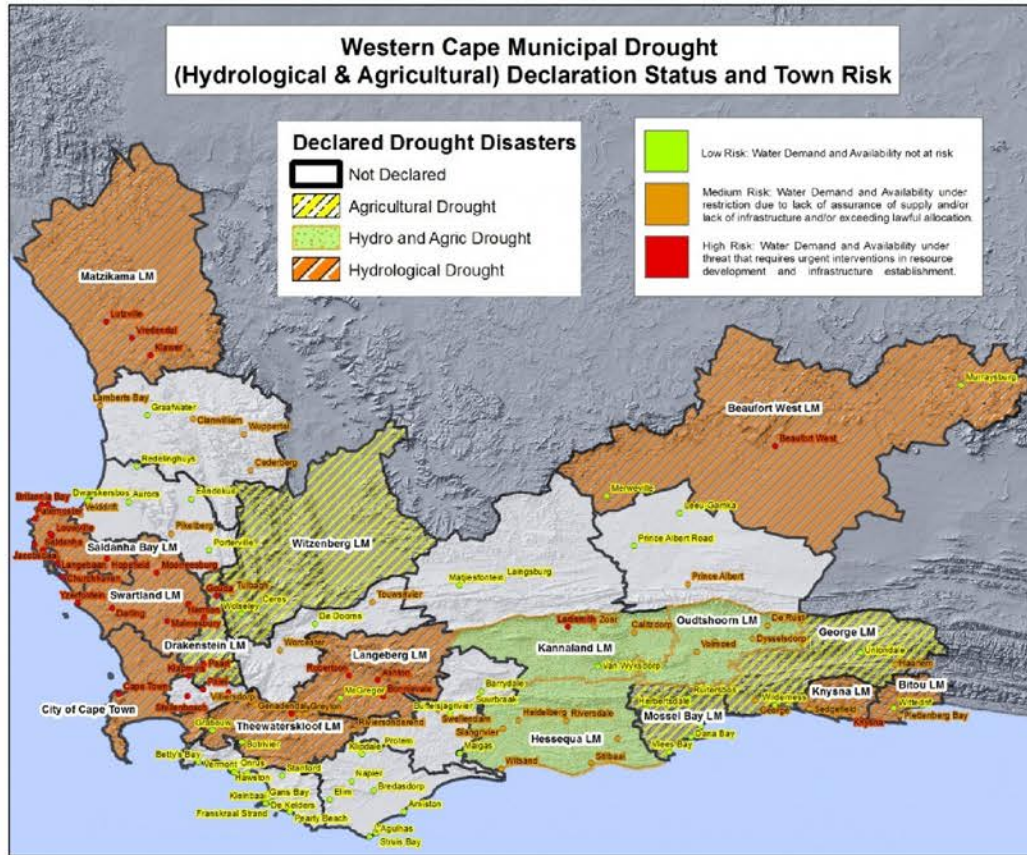
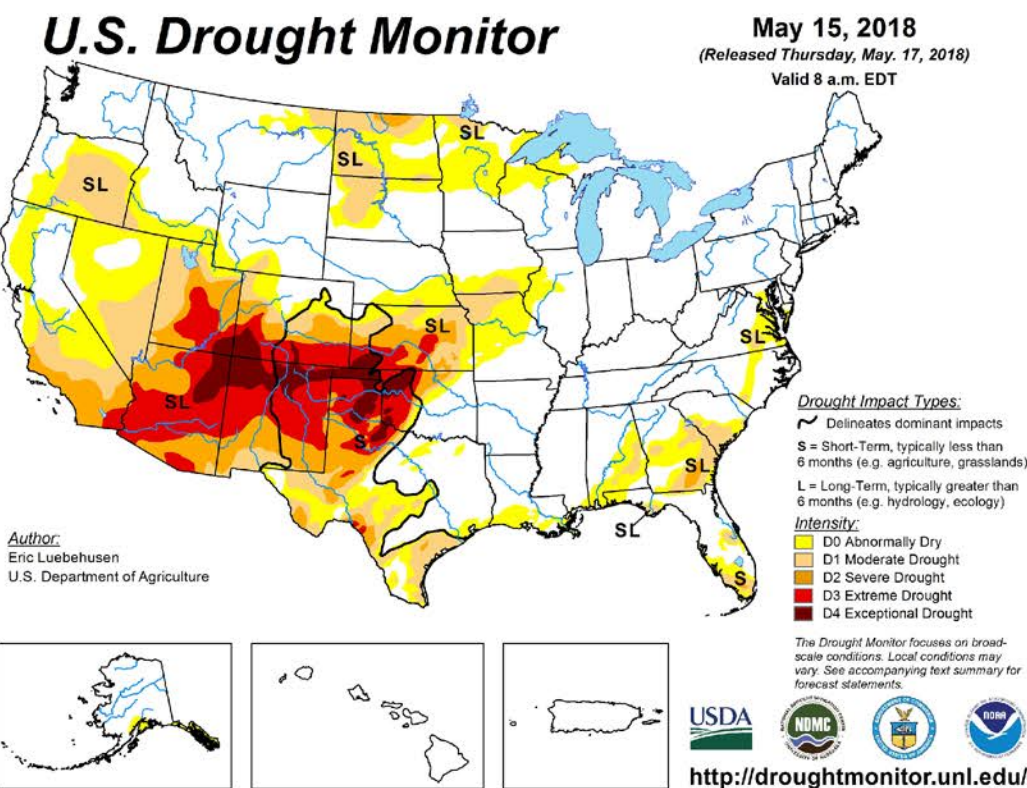


The Problem



California and Cape Town have imposed stringent requirements to get their water consumption under control. Some of those requirements include not using a washing machine, limiting watering of lawns and cars, and usage being kept to 50 liters per person.

The Problem



Level 6B Water restrictions

Level 6B water restrictions are applicable to residents and businesses in the City of Cape Town as of 1 February 2018. Water use should be limited to human consumption.

- 1** **50 litres of water**
per person, per day
Water consumption limited to 50 litres or less per person, per day at home, work or school etc.
- 2** **Residential properties**
as well as commercial properties
Residential units using more than 10 500 litres per month will be fined or have water management devices installed on their properties. Commercial properties need to reduce usage by 45% compared with the corresponding period in 2015 (pre-drought).
- 3** **Irrigation - boreholes/wellpoints**
Borehole water use for outdoor purposes is discouraged in order to preserve groundwater resources. Wellpoints and boreholes should be registered with the City of Cape Town.
- 4** **Water features**
Using municipal drinking water for ornamental water features is not allowed.
- 5** **Bathroom**
Use grey water to flush toilets only when necessary.
- 6** **Swimming pools**
(public and private)
Top-up, filling or refilling with drinking water is not allowed. Use of portable play pools is also not allowed.
- 7** **Washing vehicles**
(privately or at a formal/informal car wash)
Not allowed with municipal drinking water.
- 8** **Fields or gardens**
No new landscaping or sports fields may be established, except if irrigated only with non-drinking water. Operation of spray parks is not allowed.



We have been experiencing extreme drought across the world



Just as recent as this past winter, 36% of the US was experiencing a form of drought



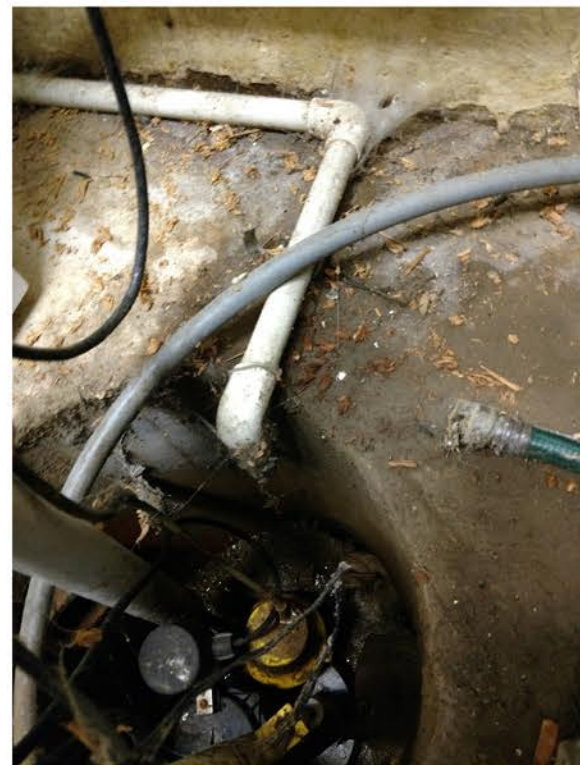
Cape Town, South Africa narrowly dodged running out of water completely, after a 3 year drought

Our Solution



How it Works

The AC coil, where the water is formed, is connected to a PVC pipe. The water (condensation) travels down the PVC pipe, into a collection unit. When the tank becomes full, the collection truck comes to pick up the water.



Our Solution

Water Source

This recycled water comes from air conditioner units, which condense water from the air. The water is collected, transported by truck, and then stored for future use.

(The picture below shows the water wasted by this air unit)



Working Reservoir



The Loch Raven Reservoir, located in Baltimore, Maryland, holds 23 billion gallons of potable water for the city of Baltimore and most of the surrounding county. Using the water we collect, reservoirs can be filled to counterbalance the drought.



Business Model and Revenues

The concept is to collect water from residential AC units, restaurants, and office buildings



Collect in warmest and most humid regions where AC units are most heavily used: South, Southeast, Southwest, West and Central regions



At a 50% residential participation level 19 billion gallons of water can be collected in 6 months.



Dallas, Texas hotels air conditioner units produce up to 76 million gallons of water, based on our feasibility study, in 6 months.



Operations

Equipment and Supplies

Installation Supplies per HU	
(1) 55 gallon container	\$45
PVC Piping	\$20
Pump	\$50
Total	\$115

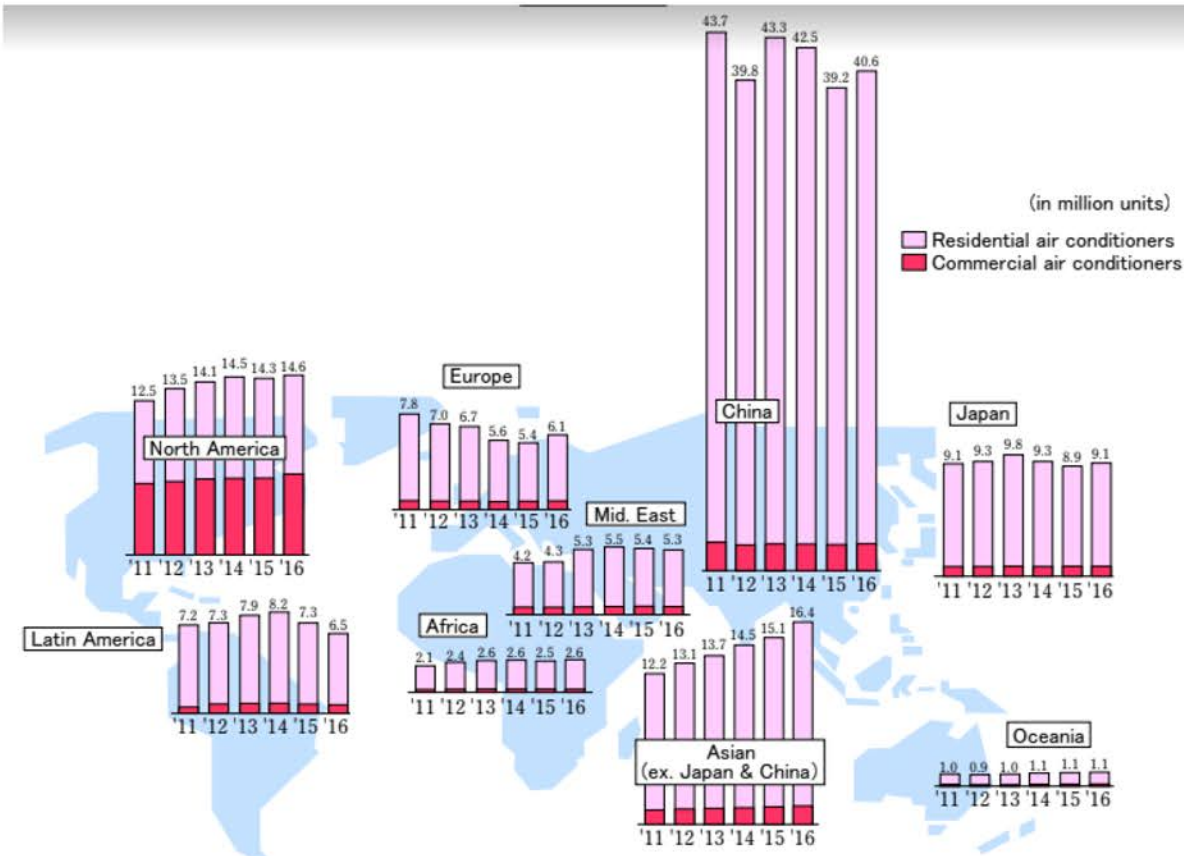


Collection time and the amount of trucks will vary greatly, based on the amount of water collected.



Only some residences will require pumps to transfer the water.

Operations



Air conditioning units based on region
Source: JRAIA (April 2017)

Collecting water by region allows us to mitigate costs for transportation and storage.



Company Structure

