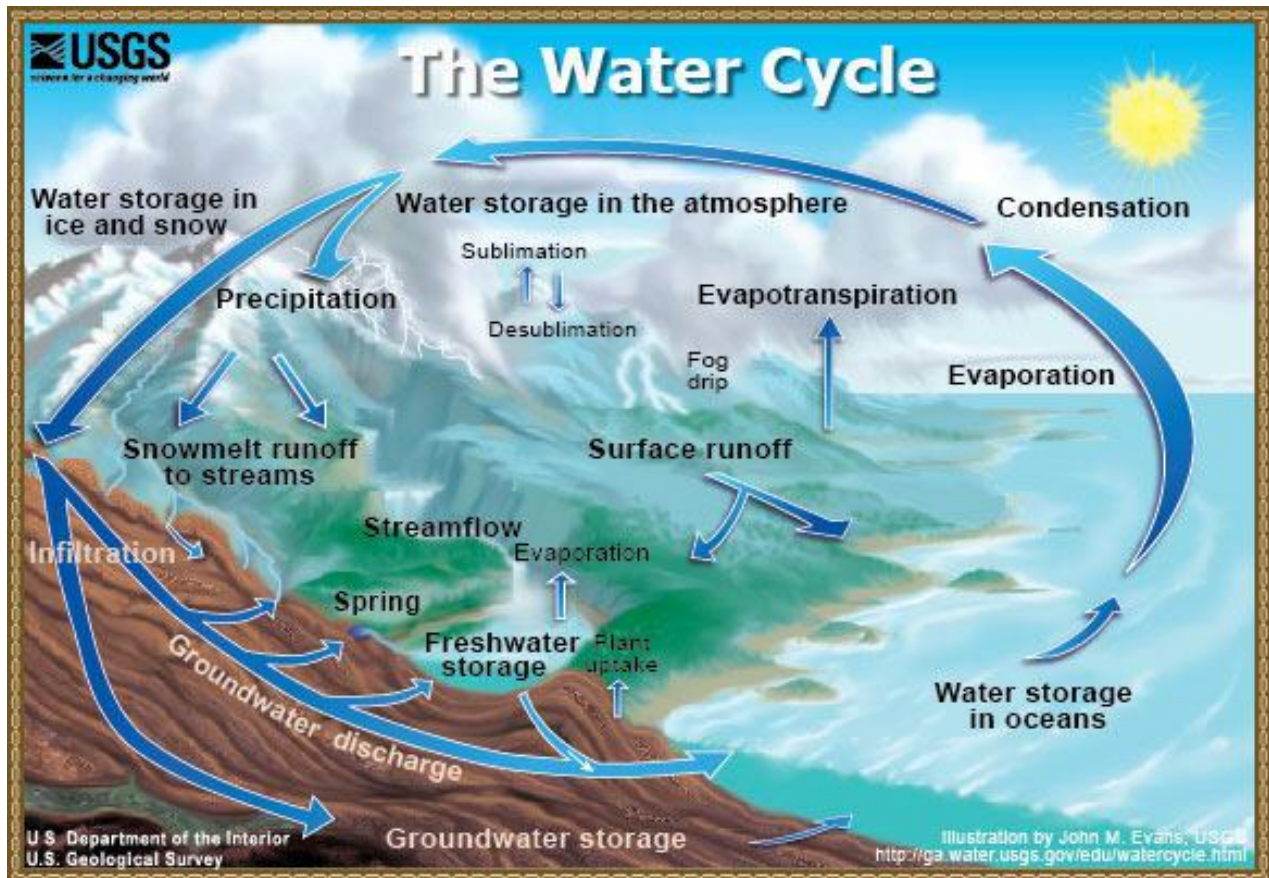


## ATMOSPHERIC WATER AVAILABILITY

### SUMMARY OF THE WATER CYCLE

REF <http://ga.water.usgs.gov/edu/watercyclesummary.html>  
<http://www.rist.kindai.ac.jp/no.15/mukai.pdf>



### IMPACT ON GLOBAL WARMING

Some studies suggest that water vapor in the atmosphere contributes to global warming. Therefore, AWG removes water vapor from the atmosphere, and reduces global warming concerns. [http://www.nasa.gov/topics/earth/features/vapor\\_warming.html](http://www.nasa.gov/topics/earth/features/vapor_warming.html) and [http://en.wikipedia.org/wiki/Greenhouse\\_gas](http://en.wikipedia.org/wiki/Greenhouse_gas)

### AWG WEBSITES

The purpose of showing you the following websites is to demonstrate the ever expanding interest in the business of Atmospheric Water Generation (AWG). Also, to acquaint you with their basic estimate of the amount of water available to be harvested. **However, we believe that instead of investing in acquiring this AWG equipment, and paying for the electric energy needed to drive it, that existing refrigeration equipment be used to produce water at a much reduced price.**

## **TERRALAB U.S.A**

The Consortium of Global H<sub>2</sub>O (Water) Manufacturers Main Laboratory for Atmospheric Water Generator Technology. <http://terralab.tripod.com/>

## **AIR2WATER SOLUTIONS**

This group has pretty well tied up the world with patents regarding AWG equipment. It will be interesting to find out if they believe that their patents cover existing refrigeration equipment, dehumidifiers, air conditioners, etc. **During Phase 1 of our project, we need to review these patents and determine if there is a conflict.** I seriously doubt that they can patent these existing technologies, or dictate how to handle the condensate that they produce. <http://www.air2water.net/solutions.html>

## **PLANET WATER**

This group sells the large AWG unit shown on the last page of this document. <http://planetwater.tripod.com/>

## **AQUALIFE WATER FROM AIR**

Their filtration system <http://www.aqualifewater.com/english/products/fresh.asp>  
Slide Show <http://www.slideshare.net/mrlinx/aqua-life-water-water-from-air-machine-derrick-strode>

## **AIR WELLS, FOG FENCES & DEW PONDS**

Methods for Recovery of Atmospheric Humidity  
<http://www.rexresearch.com/airwells/airwells.htm>

## **ATMOSPHERIC MOISTURE**

[http://www.uwsp.edu/geo/faculty/ritter/geog101/textbook/atmospheric\\_moisture/humidity.html](http://www.uwsp.edu/geo/faculty/ritter/geog101/textbook/atmospheric_moisture/humidity.html)

## **ATMOSPHERIC HUMIDITY**

[http://www.eoearth.org/article/Atmospheric\\_humidity](http://www.eoearth.org/article/Atmospheric_humidity)

## **UNDERSTANDING HUMIDITY**

<http://www.usatoday.com/weather/whumdef.htm>