

GEOGE ADLEY (1735)

WARM AIR RISES AT
THE EQUATOR

COOL AIR SINKS AT
THE POLES

IS THIS CORRECT?

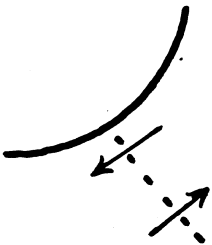
IS IT CONSISTENT WITH OBSERVATIONS?

NOT ENOUGH OBSERVATIONS?

IS IT CONSISTENT WITH KNOWN PHYSICAL
LAWS?

PHYSICAL CONSTRAINT #1

MASS BALANCE



TRANSPORT OF AIR NORTHWARD
ACROSS ANY LATITUDE CIRCLE

EQUALS

TRANSPORT OF AIR SOUTHWARD
ACROSS ANY LATITUDE CIRCLE