



# A Weather User's Perspective

**Better** Decision-making comes from **better** forecasts

Bruce Landsberg – Senior Safety Advisor

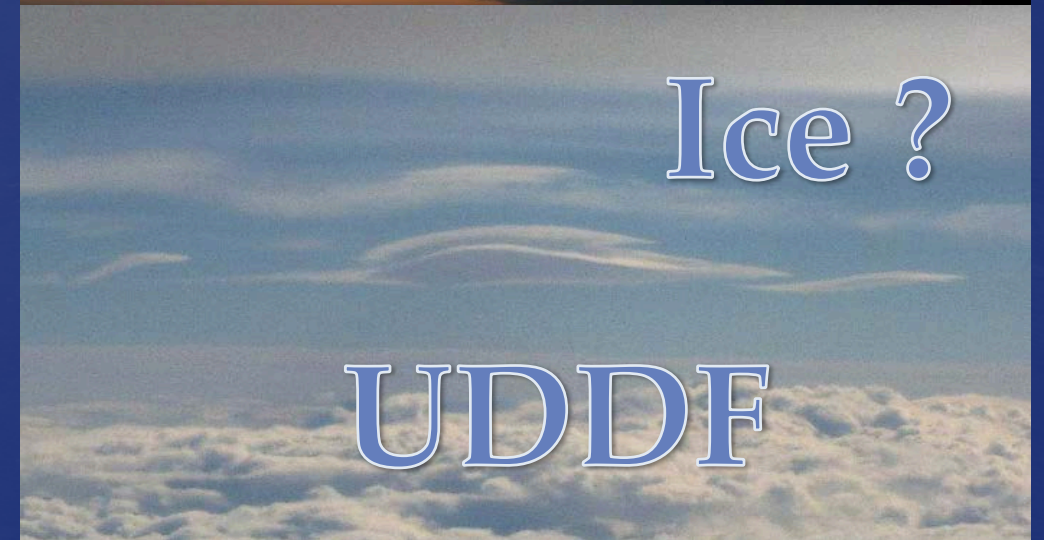


# Vivre “La Petite Difference”

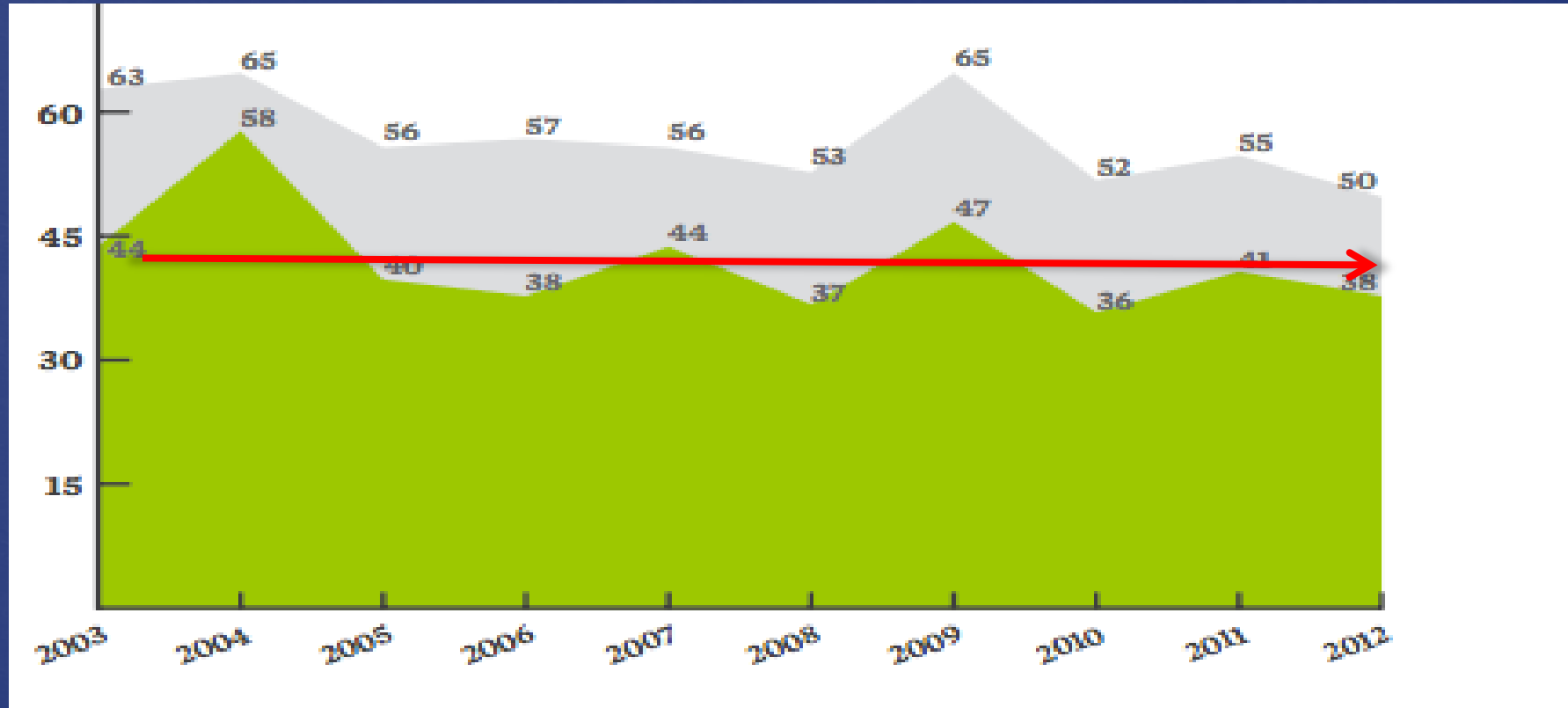




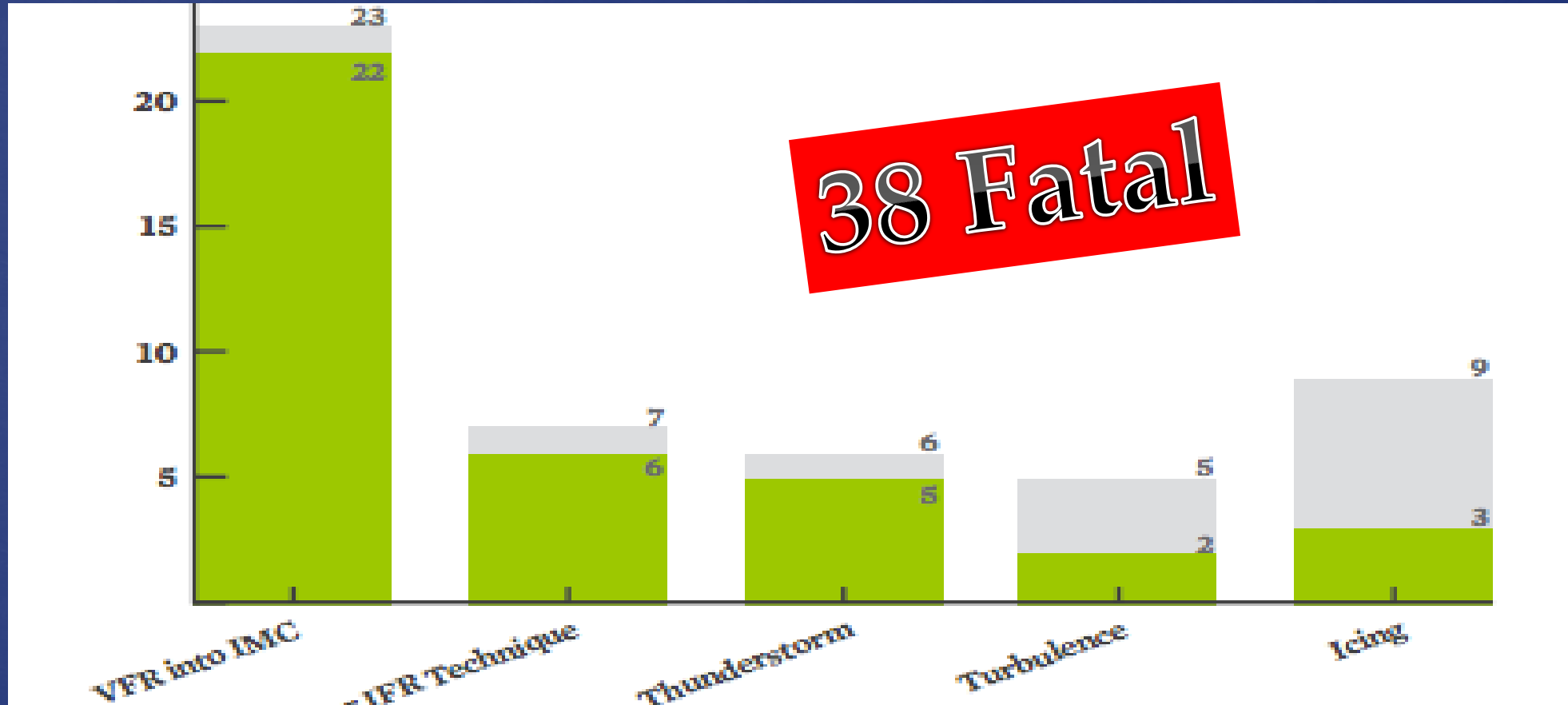
# Under or over Forecast/Reported



# Wx Accident Trend

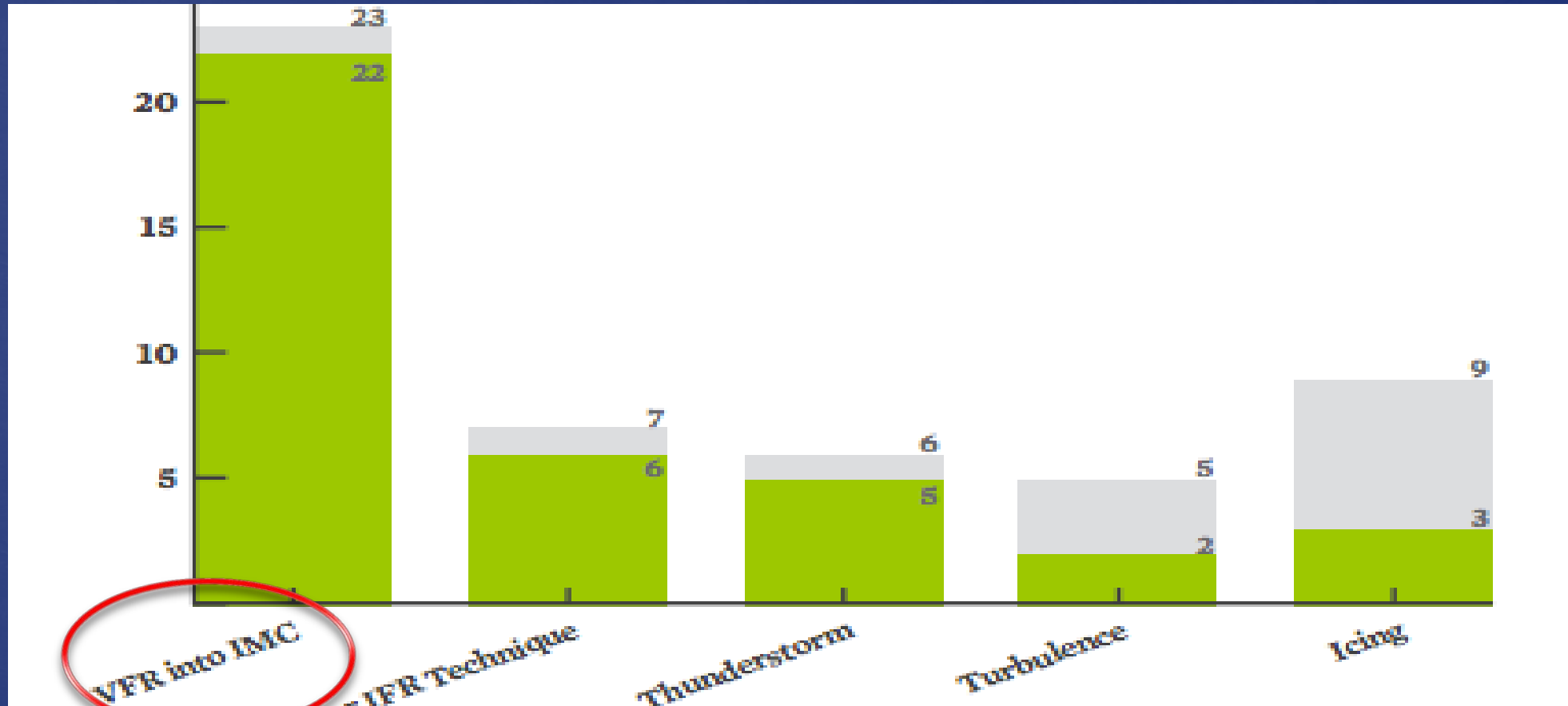


# 2012 – 50 TOTAL WX Acc.





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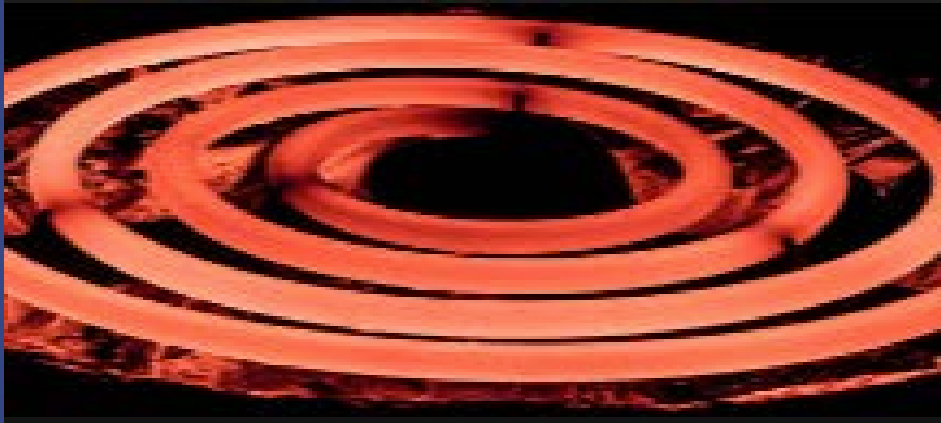


VFR into IMC

# Why is this?



***Mama told me not to come !!***

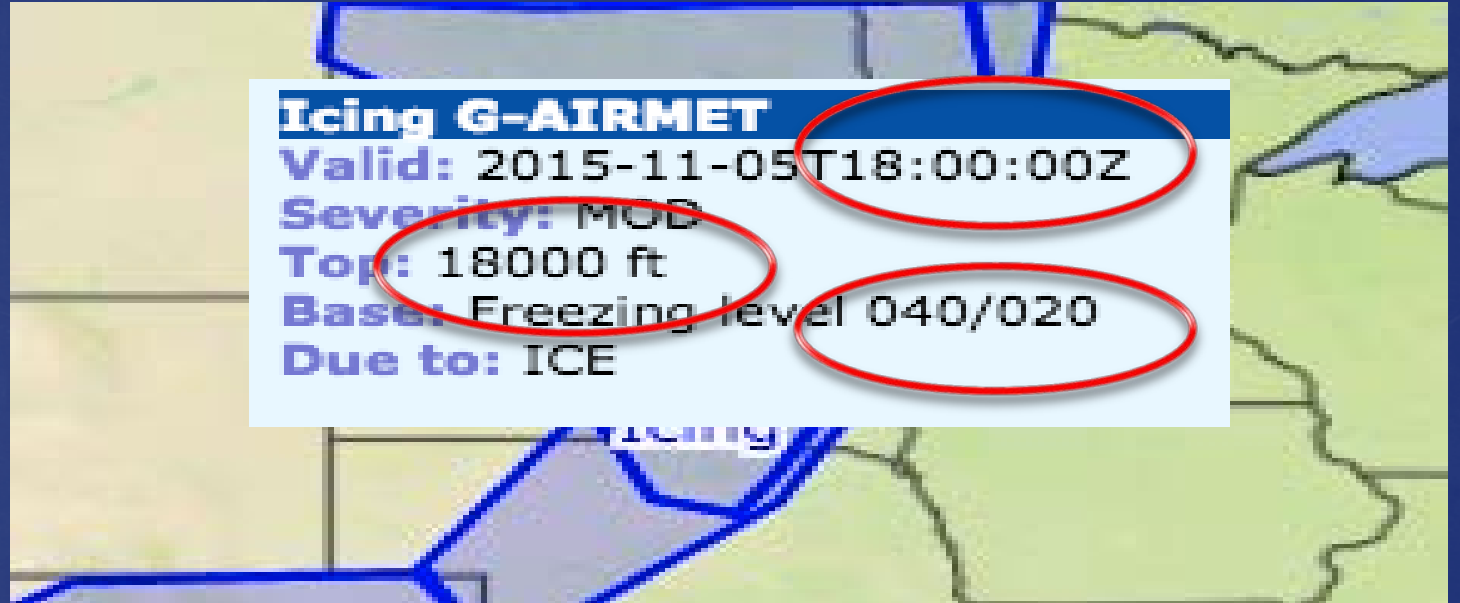




# The Airmet Spec

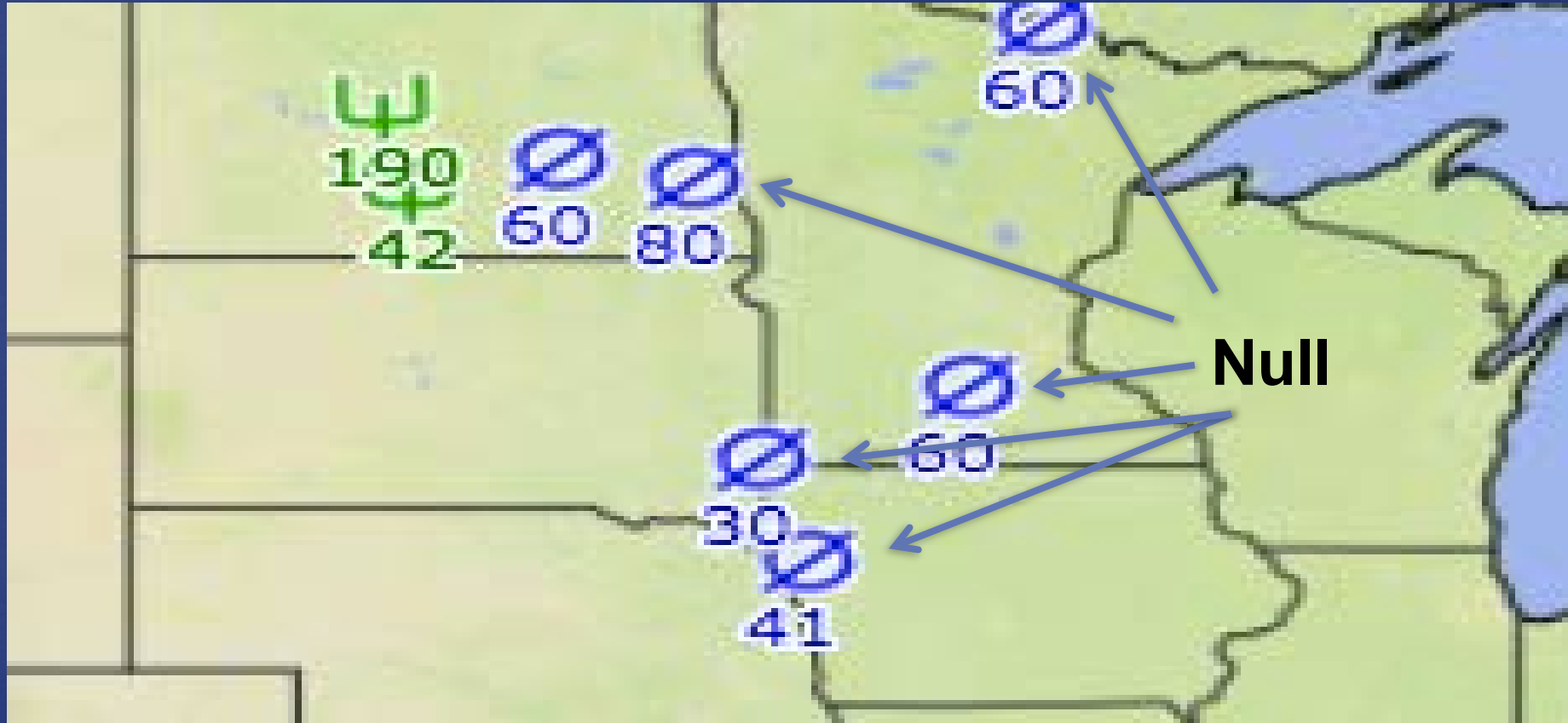
- 3,000 sq miles

- 6 hours

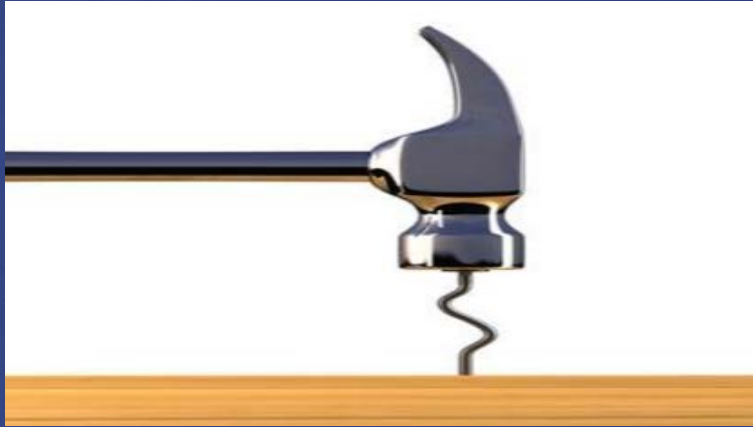


- Any where or at any time  
(entire area for entire time)

# Pireps – forecast confirmed ?



# One size doesn't fit much...

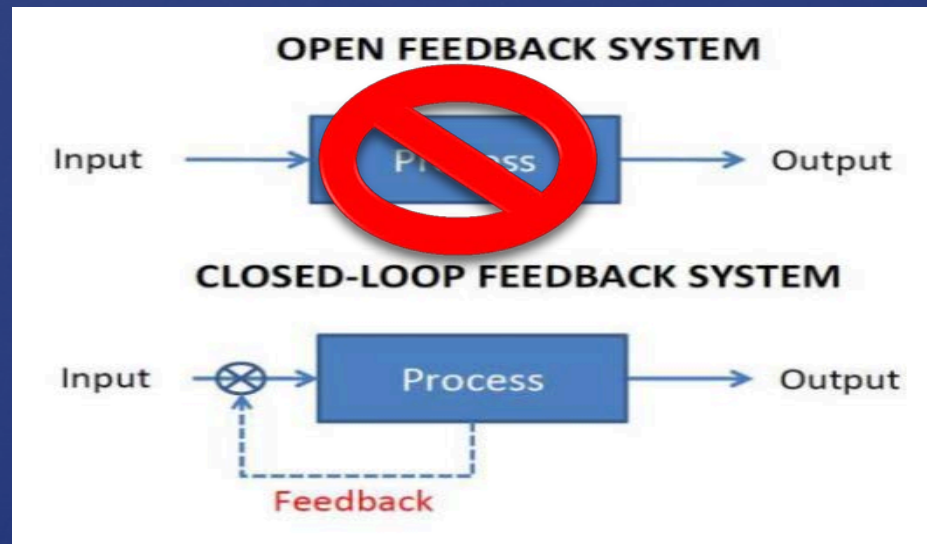




# A bit frustrated ?



# Feedback = essential !!



# A better model !!





Pireps

Better Forecasts

Better Choices

More safe Flights

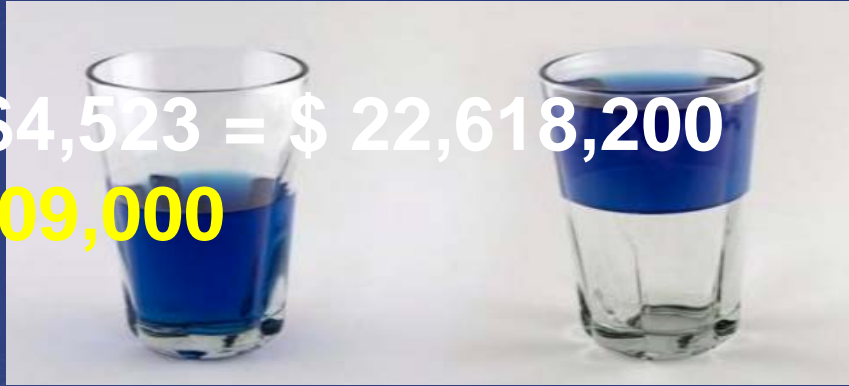
Fewer accidents

# Not-so-Fuzzy Math

- Wx judgment acc down 30% = 15
- $15 \times \$7,000,000 = \$105,000,000$
- **- 50% = \$50,000,000**

# Upside Potential

- 5,000 trips X \$4,523 = \$ 22,618,200
- - 50% = \$11,309,000



**\$50,000,000 + \$11,309,000**

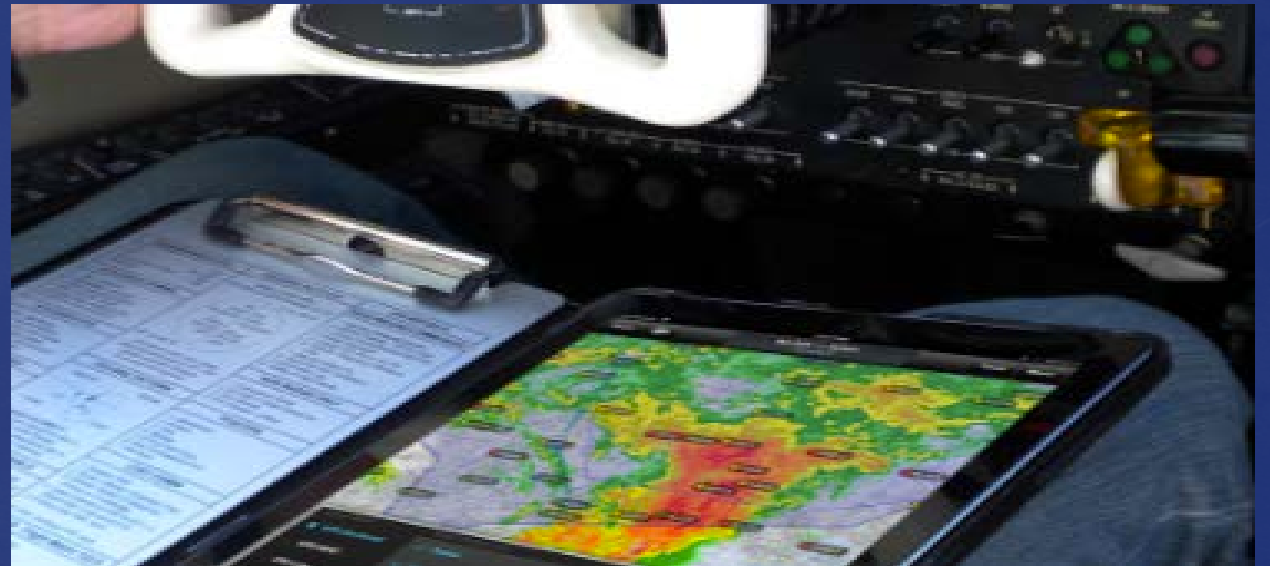
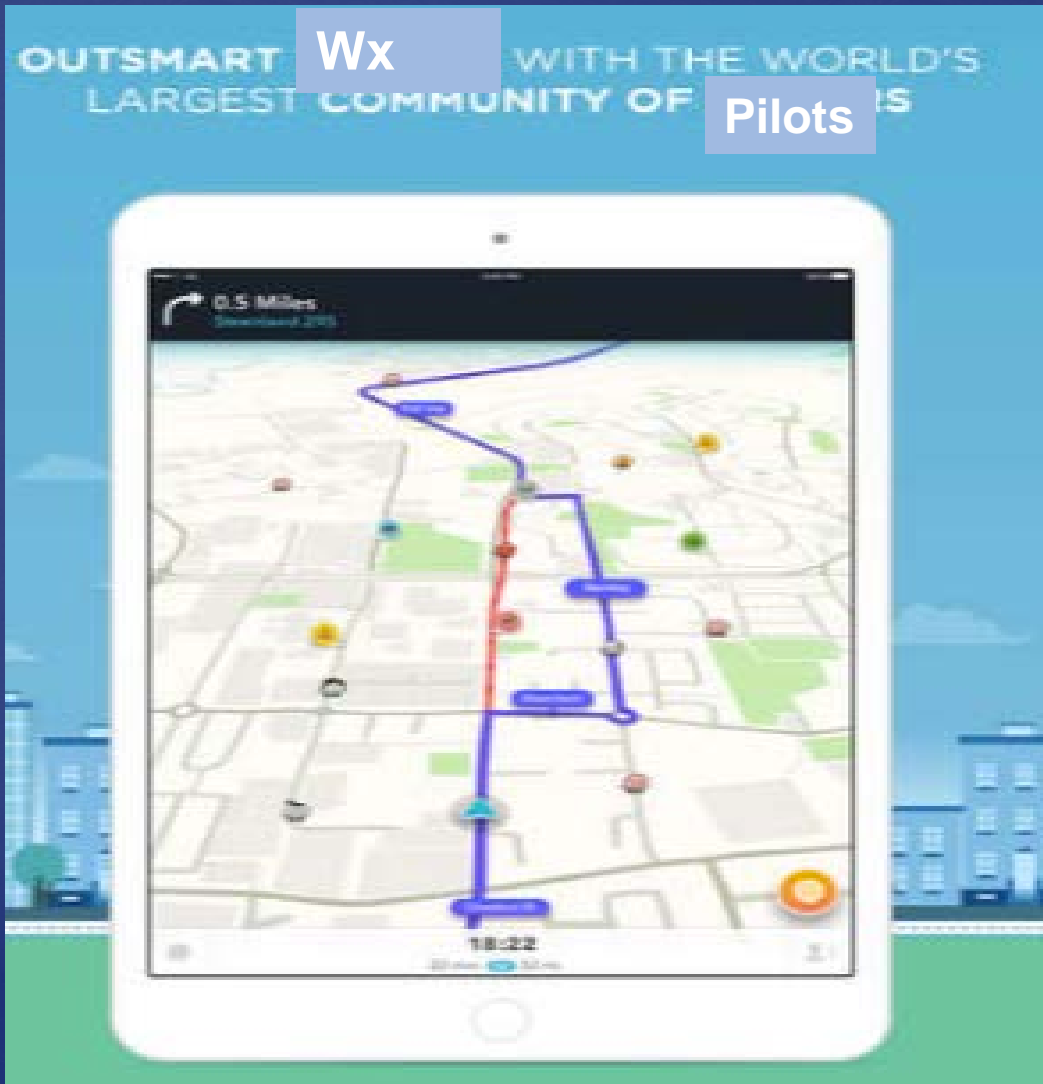
**\$61,309,000.03**



# Waiting a looong time !!!



# Crowdsourcing Wx Obs





# 15 lives every year ???

