

Extreme Weather Model Builder

Name

Date

My extreme weather event (circle one):

Drought

Hurricane

Tornado

PART A: **Weather Causes and Effects Table**

Causes	Effects

PART B:
Initial Weather Model

- Drawing of extreme weather event
- Three causes labeled
- Three effects labeled
- Arrows and plus and minus signs to show relationships between the causes and effects

PART C:
Key Weather Variables

Variable	Definition (in my own words)
Temperature	
Precipitation	
Humidity	
Atmospheric Pressure	
Wind	
Cloud Cover	

PART D:
Weather Variable Relevance

Variable	Relevance to my extreme weather event
Temperature	
Precipitation	
Humidity	
Atmospheric Pressure	
Wind	
Cloud Cover	

PART E:
Revised Extreme Weather Model

Includes at least four of:

- Temperature
- Precipitation
- Humidity
- Atmospheric Pressure
- Wind
- Cloud Cover

PART F:
Similarities and Differences between Extreme Weather Events

Similarities (what extreme weather events have in common)	Differences (what is unique to each extreme weather event)

PART G:
Impact of Global Warming and Climate Change

I think that (prediction)...

WOL

Because (evidence)...

WOL

PART H:
Evidence of Global Warming and/or Climate Change Impact

My article (circle one) agrees / disagrees with my prediction and evidence (Part G).

Variable	Evidence presented in the article
Temperature	
Precipitation	
Humidity	
Atmospheric Pressure	
Wind	
Cloud Cover	