



'THE WEATHER' - HEAT

1. Heat

- a.) What is the source of our weather? b.) Where are the sun's rays most intense?

2. Jungle

- a.) What makes water droplets fall? b.) How does the body cool in a warm environment?

3. Chicago

- a.) How many deaths were there in the Chicago heat wave of 13th July 1995?
b.) What were the meteorological conditions that contributed to the 'steaming wet blanket'?

4. Night Time Weather

- a.) Where does the energy come from for night time storms in the tropics?

5. Desert

- a.) Why doesn't warm moist air from the equator rise further than the troposphere?
b.) What happens as air converges at the tropics and falls towards the surface?
c.) What is the highest recorded temperature, where and when was it recorded?

6. Marathon of the Sands

- a.) What are the symptoms of heat exhaustion? b.) How much hotter is it at ground level than eye level?

7. Dust Clouds

- a.) What is a Haboob? b.) What is considered the planet's protective skin?

8. Lightening

- a.) According to the DVD where is the safest place to be when outside in a lightening storm?

9. Rain on the Weekend

- a.) Why could the next batch of severe weather on the weekend be our own fault?

10. The Future

- a.) Where and at what elevation is the cleanest place on the planet?
b.) What is the Ultramat III used for?
c.) How much has the Earth's surface warmed in the last 100 years?

