



# The Future of Weather Satellites

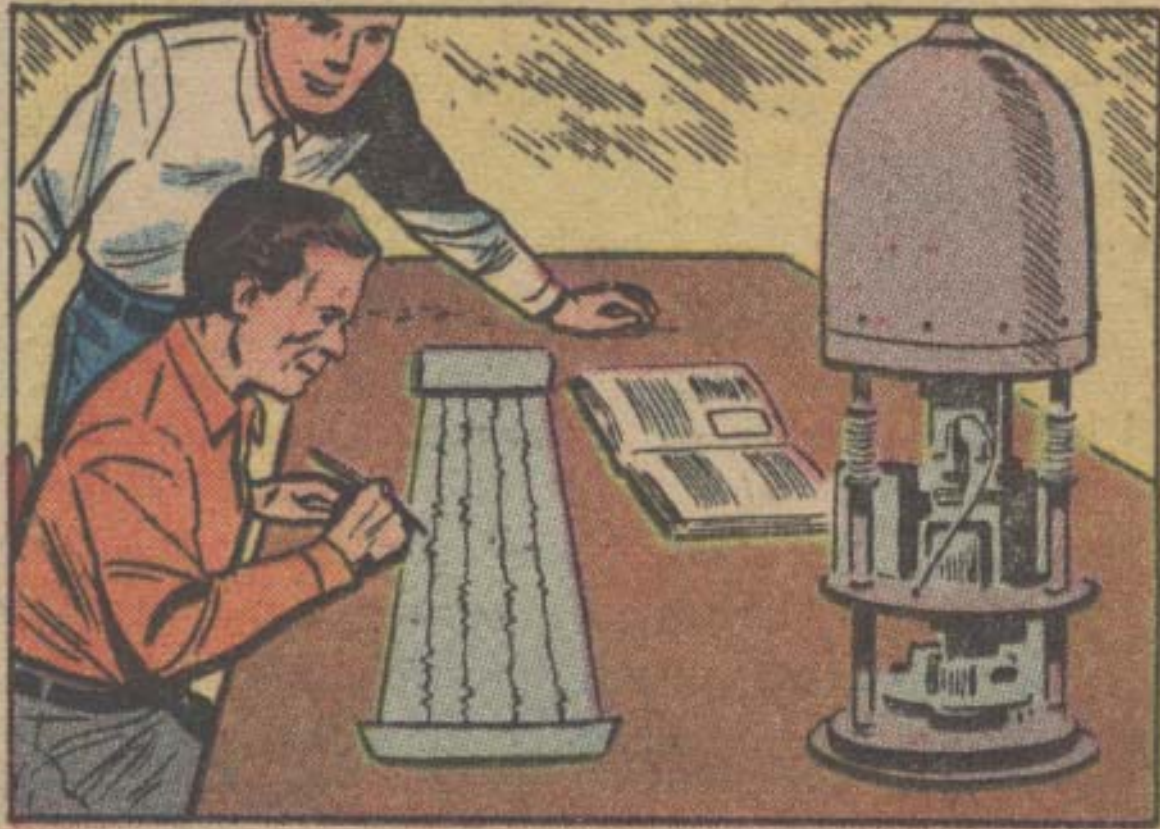
Tommy Jasmin, Walt Disney



We can decide both the height and direction for our artificial moons. The Russians picked a north-south orbit, while the American orbit circles east and west.



The satellite's space data comes down in a coded radio beam. Automatic telemeters unscramble the various messages and record them on a graph.



## Satellites of Tomorrow

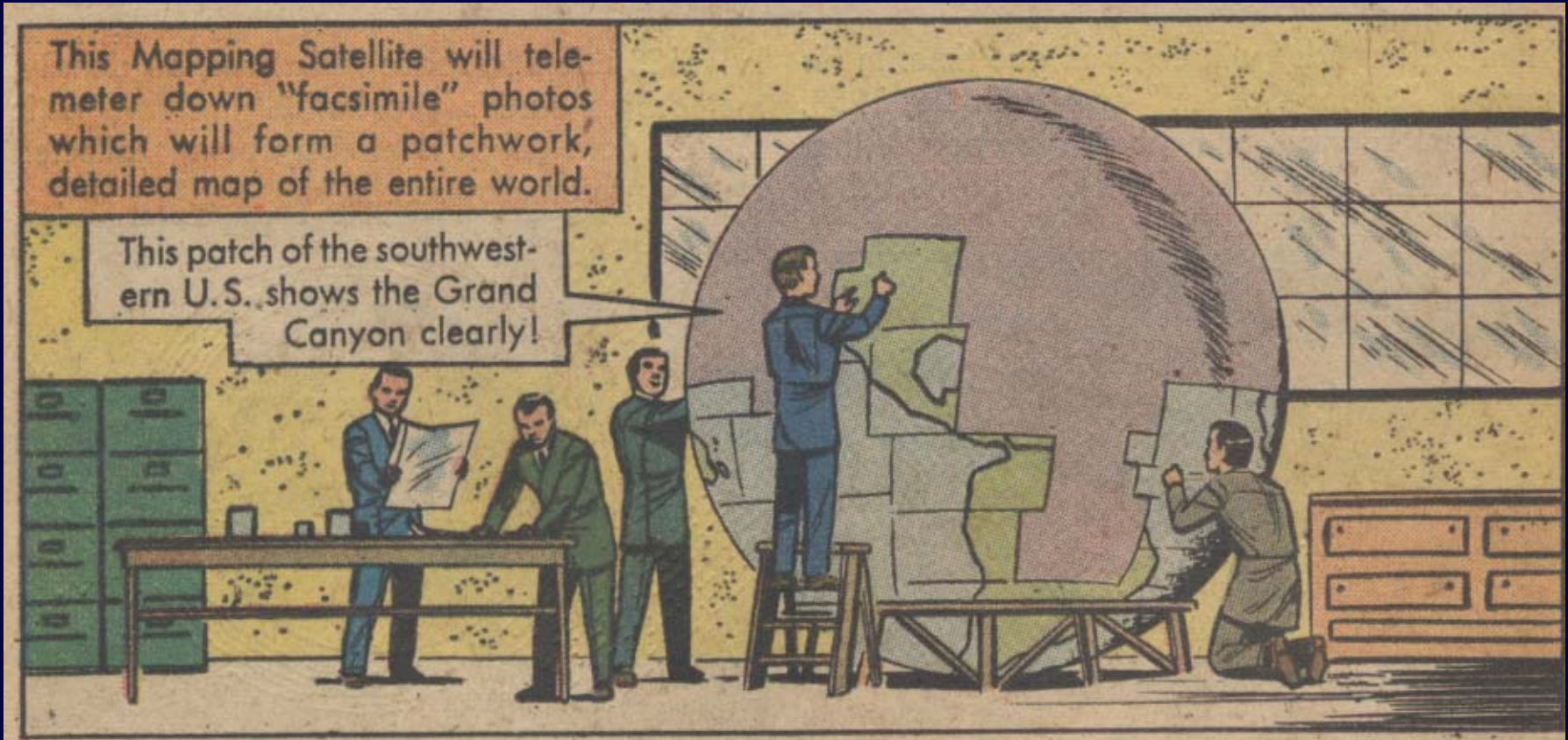
And many American taxpayers are wondering if satellites will be worth the money spent.

Satellites! Bah! They cost billions, but what good are they?



Their "dividends" will come in due time. In his famous "Space Speech" of March 26, 1958, President Eisenhower reminded the people that RESEARCH AND EXPLORATION HAVE A REMARKABLE WAY OF PAYING OFF.





Its all-seeing eyes will spot tornadoes, typhoons, tidal waves ... all the rampages of nature ... and become an Earliest Warning System!

Hurricane off coast of Florida! Send a warning!



But, except for such rare emergencies, its steady job will be to compile complete weather data for the entire earth each day. And, after high-speed electronic computers digest the welter of facts...



And because the Weather Satellite can analyze and unify complete global conditions, our daily forecasts for the world are 97% right! It's taken the guesswork out of weather forecasting.

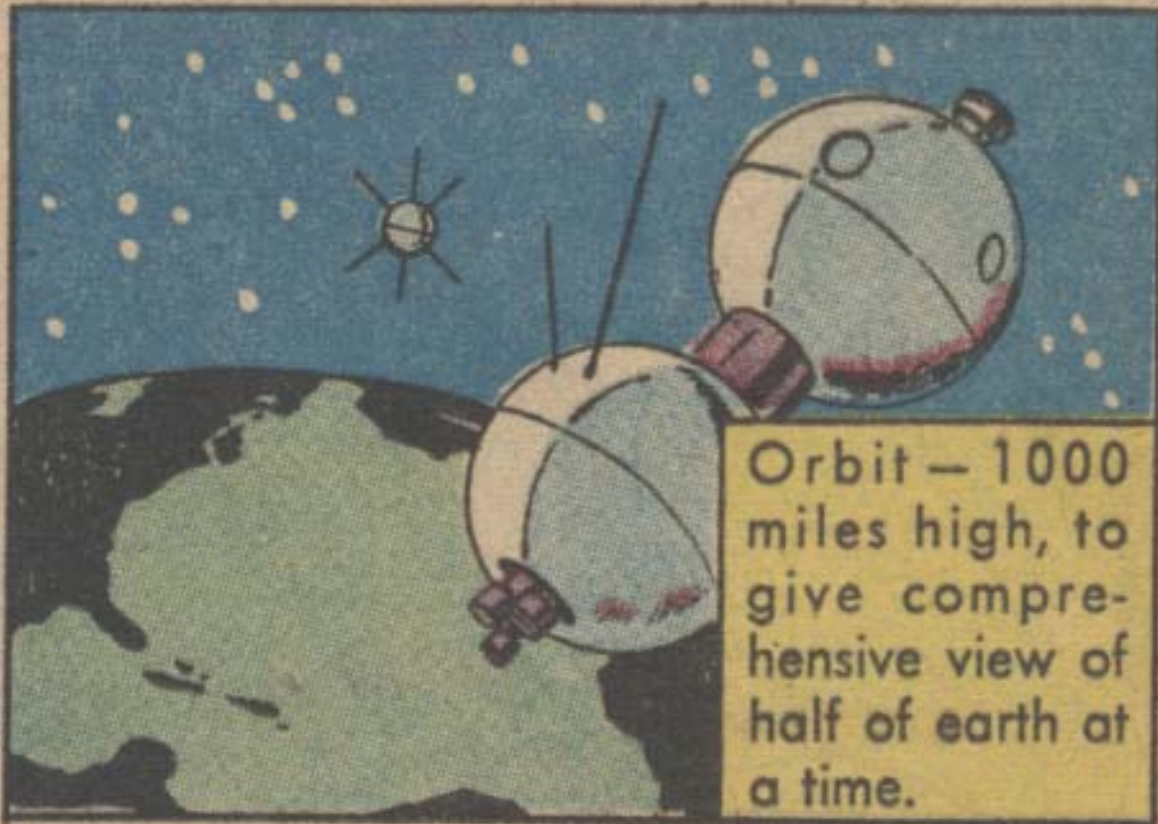


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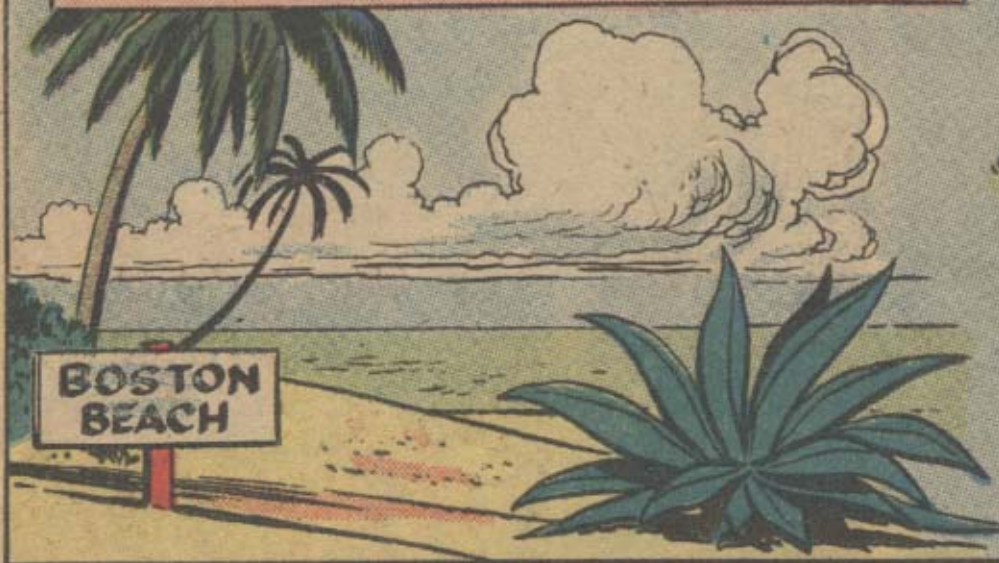


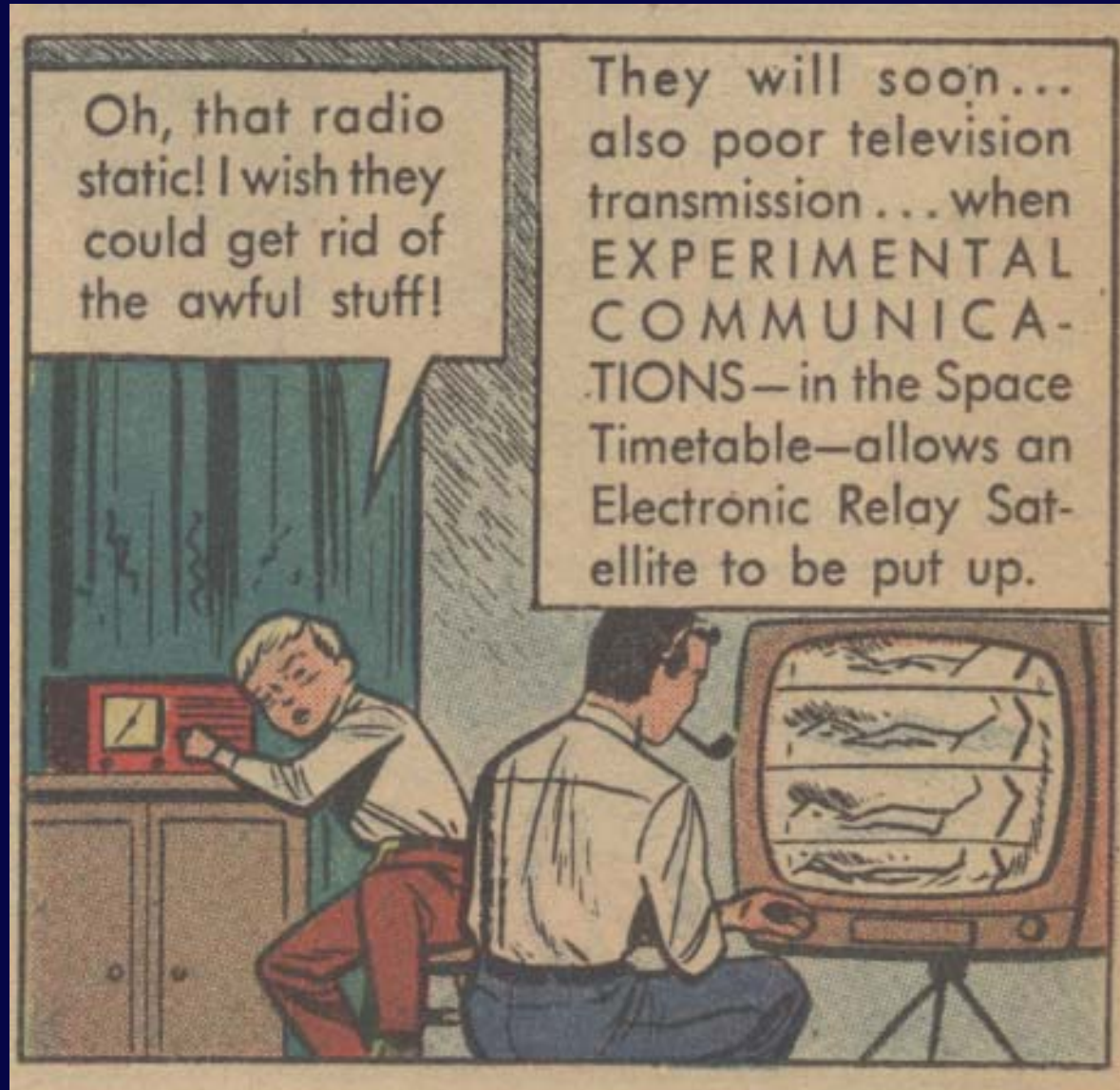
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Besides an ordinary camera, it will point a television camera down, equipped with "zoomar" telescopic lenses, to take "live" scenes of worldwide cloud patterns...



Or, on the other hand, are we between Ice Ages and approaching a Heat Age? Will Boston someday enjoy balmy weather like Florida? And will Florida turn into steamy junglelands?

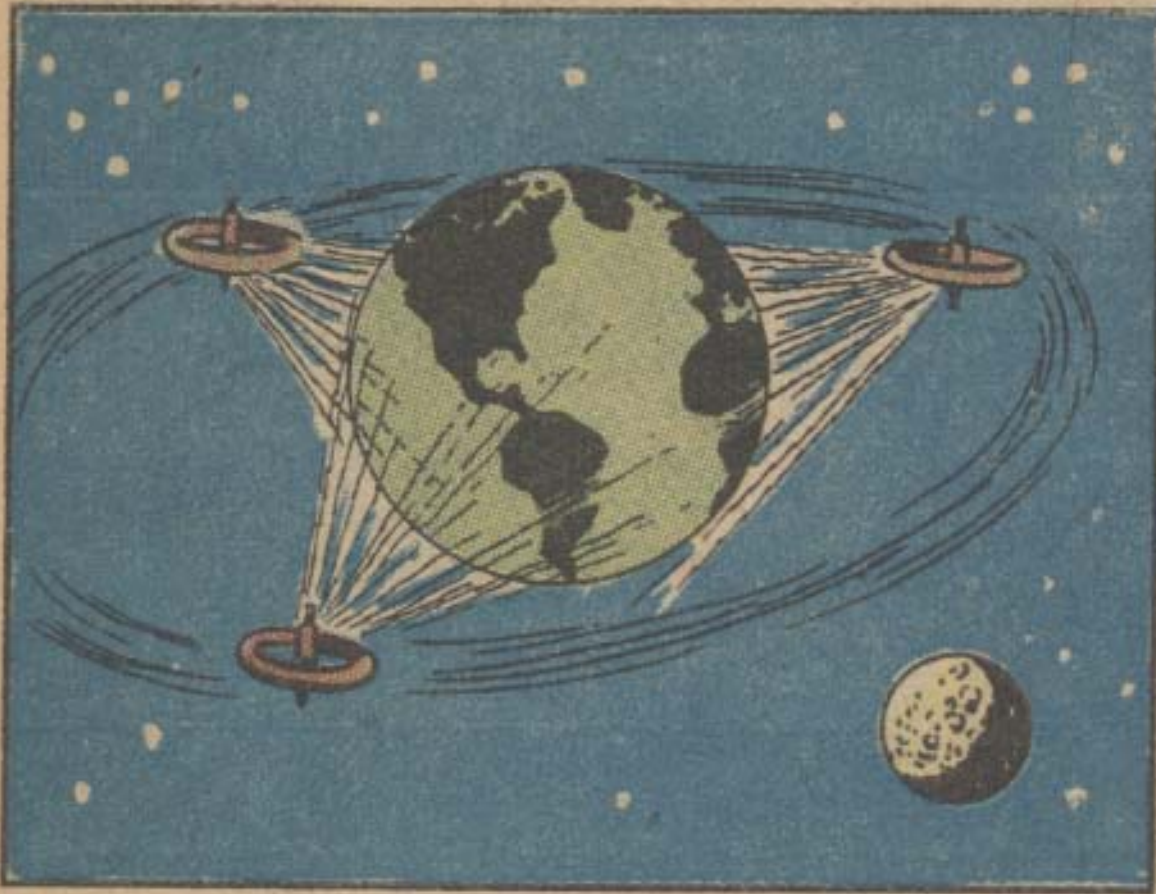


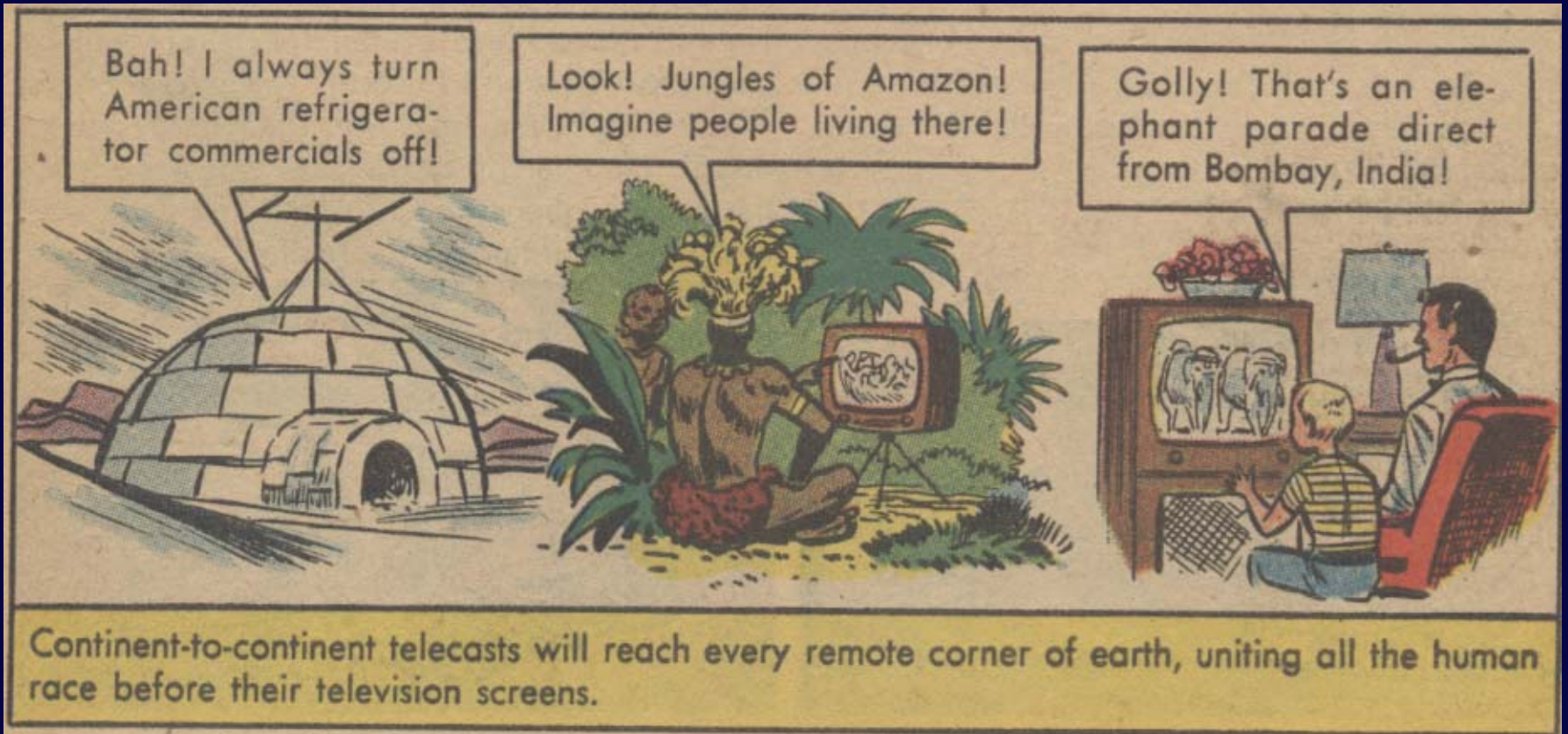


We don't need expensive TV microwave relay towers now. The Relay Satellite does the job...at one-hundredth the cost.



Even more exciting is the eventual plan of putting up *three* Relay Satellites, each within "line of vision" of the other.





But that is still only the beginning of what space satellites can bring us! For, within our lifetimes, we will see the unmanned satellites become *manned* space stations.





Mars may be colonized ...

The Martian air is too thin to breathe. But, during the summer, the temperature at its equator is  $60^{\circ}$ , and the unclouded sky is good for our crops, son!

