

Multiply Me 

Bank of America
 Bank of Opportunity™
[Save Now](#)
MEMBER FDIC

Our Networks ▾

--	--	--	--



GO NOW ▾ [SHOP NOW ▾](#)

TV SHOWS ▾

- [A Haunting](#)
- [Cash Cab](#)
- [Deadliest Catch](#)
- [Destroyed in Seconds](#)
- [Dirty Jobs](#)
- [Iditarod](#)
- [Koppel: The Last Lynching](#)
- [Man Vs. Wild](#)
- [MythBusters](#)
- [Planet Earth](#)
- [Prototype This!](#)
- [Shark Week](#)
 - [Storm Chasers](#)
- [Survivorman](#)
- [Time Warp](#)

TV SCHEDULES ▾

- [Daily TV Schedule](#)
- [Weekly TV Schedule](#)

NEWS ▾

- [Animals](#)
- [Archaeology](#)
- [Dinosaur](#)
- [Human Animal](#)
- [History](#)
- [Planet Earth](#)
- [Space](#)
- [Tech](#)

VIDEO ▾

- [Watch Full Episodes](#)
- [What's Hot](#)
 - [Most Watched](#)
- [Discovery News](#)
- [Discovery Space](#)
- [Discovery Tech](#)
- [Behind the Story: Buster](#)
- [Cash Cab](#)
- [Deadliest Catch](#)
- [Dirty Jobs](#)
- [Future](#)

- Weapons
 - [Human Body](#)
 - [Man Vs. Wild](#)
- [MythBuste Raw](#)
- [Planet Ear](#)
- [Shark Wee](#)
- [Smash La](#)
- [Time War](#)
- [When We Left Earth](#)

GAMES

- [Game Central](#)
- [Interactive Central](#)
- [Puzzle Central](#)
- [Quiz Central](#)

EXPLORE BY SUBJECT

- [Animals](#)
- [Dinosaurs](#)
- [Egypt](#)
- [Global Warming](#)
 - [History](#)
- [Planet Earth](#)
 - [Sharks](#)
 - [Space](#)
- [Survival Zone](#)
- [Technology](#)

NEWSLETTERS

- [Sign Up](#)

SHOP

- [DVDs](#)
- [Gifts](#)
- [Telescope](#)
- [Toys & Games](#)
- [Video Download](#)
- [When We Left Earth DVD](#)
- [Planet Earth DVD](#)



Warming Creates More Night Shining Clouds

[e-mail](#) [share](#) [bookmark](#) [print](#)

To email this article, type in your friend's name and email address, your name and email address, and a message. Then click "submit."

Friend's name:

Friend's email:

Your name:

Your email:

Optional Message:

Message Sent!

advertisement



WIDGET

Discovery News Widget

Download the widget to your site, then choose your favorite news feeds. It's easy!

VIDEO

Discovery News Video

Our reporters get out and about with scientists in

[close](#)

[Yahoo! Buzz](#)
[del.icio.us](#)
[Digg](#)
[Mixx](#)
[MySpace](#)
[Newsvine](#)
[Reddit](#)
[close](#)



Mysterious Glimmer

Dec. 10, 2007 -- Ice clouds at the edge of space are bigger, more prevalent and surprisingly variable, say researchers who believe the phenomenon may be partly due to [global climate change](#).

The findings stem from observations by NASA's [Aeronomy of Ice in the Mesosphere \(AIM\) satellite](#), which studies noctilucent or "night-shining" clouds 50 miles above the polar regions.

The clouds are visible by night because they are so high above Earth that they are illuminated by sunlight while the ground below is in darkness. They appear during the summer months over both the north and south poles.

"These clouds are changing in ways that we don't understand," AIM principal investigator Jim Russell, with Virginia's Hampton University, said Monday at the opening of the [American Geophysical Union Conference](#) in San Francisco.

Researchers believe the clouds are more numerous and denser than expected due to changes in Earth's climate.

"The clouds are an exquisite thermometer," said Virginia Polytechnic Institute's Scott Bailey, deputy principal investigator for AIM.

Scientists have been keeping tabs on the clouds for about 27 years through a series of solar-watching satellites. AIM is the first mission devoted to studying the clouds exclusively.

[Next »](#) 21 [« Previous](#)

Video: Planets Shed Light On Earth's Weather



LOADING PLAYER

[Get more Discovery News video here.](#)

Sponsored Links

- [Fight Global Warming](#)
Stop offshore drilling today

the field ... and the occasional animal or two.

[RSS Feeds](#)

Get all Discovery News top stories in text or video. Or choose from eight subject areas.

[Discovery News Podcasts](#)

Stay on top of the latest Discovery News in text and video, including Friday News Feedbag and top breakthroughs.

Put Discovery News on Your Site!

THE **DISCOVERY CHANNEL** INSIDER NEWSLETTER

Get news, podcasts, schedules, interviews, games, puzzles and exclusive Web features.

[SIGN UP NOW!](#)

Use more Wind, Solar, Renewables!
www.greenpeace.org/stopdrilling

- [3D Earth Screensaver](#)
Watch Realistic Animated 3D Earth
On Your Desktop. Free Download!
www.CrawlerTools.com/3DEarth
- [Prepare to be Shocked](#)
Millions have already taken this
amazing test. What's your RealAge?
RealAge.com
- [Pictures Clouds](#)
Find Pictures/clouds
at Great Prices.
www.Pronto.com

SITE SEARCH

SUBSCRIBE TO OUR [NEWSLETTERS](#)

CREDITSNASA |

DISCOVERY SITES [Discovery Channel](#) / [TLC](#) / [Animal Planet](#) / [Discovery Health](#) / [Science Channel](#) / [Planet Green](#) / [Discovery Kids](#) / [Military Channel](#) /

[Investigation Discovery](#) / [HD Theater](#) / [Turbo](#) / [FitTV](#) / [HowStuffWorks](#) / [TreeHugger](#) / [Petfinder](#) / [PetVideo](#) / [Discovery Education](#)

VIDEO [Discovery Channel Video Player](#)

SHOP [Toys](#) / [Games](#) / [Telescopes](#) / [DVD Sets](#) / [Planet Earth DVD Sets](#) / [Gift Ideas](#)

CUSTOMER SERVICE [Viewer Relations](#) / [Free Newsletters](#) / [RSS](#) / [Sitemap](#)

CORPORATE [Discovery Communications, Inc](#) / [Advertising](#) / [Careers @ Discovery](#) / [Privacy Policy](#) / [Visitor Agreement](#)

ATTENTION! We recently updated our privacy policy. The changes are effective as of Tuesday, October 30, 2007. To see the new policy, [click here](#). Questions? See the policy for the contact information.

Copyright © 2008 Discovery Communications, LLC. The number-one nonfiction media company.