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### [THE EFFECT OF AURORAL BREMSSTRAHLUNG ON THE LOWER IONOSPHERE ...](#)

the assumed flux of **auroral** electrons produces significant **ionization** ...

**ionization** of the lower ionosphere during an **auroral** event is in fact ...

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### [ch6-2.htm](#)

Across this ill-defined interface, radiations from the sun entered the earth's

environs to cause the **auroras**, magnetic storms, **ionization**, and heating of ...

others searched for:

<http://history.nasa.gov/SP-4211/ch6-2.htm>

### [NASA Technical Reports Server](#)

Numerous **auroral** substorms occurred during this storm leading to an AE index ...

respond to the onset of **auroral ionization** with different time histories. ...

others searched for:

<http://ntrs.nasa.gov/search.jsp?No=30&Ne=35&N=4294879231&Ns=HarvestDate%7C1&as=false>

### [The High Latitudes in the International Reference Ionosphere \(IRI\)](#)

Regional mapping, storm-time updating and introduction of **auroral** ...

should

include mathematical parameterizations of the typical **ionization** features that

...

others searched for:

[http://iri.gsfc.nasa.gov/docs/iri\\_94\\_report.html](http://iri.gsfc.nasa.gov/docs/iri_94_report.html)

### [Brushfires in the Sky](#)

Above: A background of distant stars, sinuous and spiky bands of Southern Lights

(**aurora** australis), and the faint glow of charged plasma (**ionized** atomic ...

others searched for:

[http://science.nasa.gov/headlines/y2000/ast25apr\\_1m.htm](http://science.nasa.gov/headlines/y2000/ast25apr_1m.htm)

### [Possible discovery of ionosphere on Io - Welcome to the NSSDC!](#)

Oct 23, 1996 ... "Sensors on the spacecraft found a very dense region of **ionized** oxygen, ...

**Auroras** in Io's atmosphere is one likely result of the electron ...

others searched for:

[http://nssdc.gsfc.nasa.gov/planetary/text/gal\\_io\\_ionosphere.txt](http://nssdc.gsfc.nasa.gov/planetary/text/gal_io_ionosphere.txt)

### [ISTP-GGS/SOLARMAX Proposal: Executive Summary](#)

... highly variable electric current systems, intense penetrating MeV trapped

electron populations, and **auroral ionization** extending to low latitudes.

...

others searched for:

[http://www-istp.gsfc.nasa.gov/istp/admin/proposal/exec\\_sum.html](http://www-istp.gsfc.nasa.gov/istp/admin/proposal/exec_sum.html)

### [Aurora alert: solar activity heats up](#)

Aug 31, 1999 ... A coronal mass ejection this weekend could trigger **auroral** displays. .... 1999

story on investigations of **ionization** and radio propagation ...

others searched for:

[http://science.nasa.gov/newhome/headlines/ast31aug99\\_1.htm](http://science.nasa.gov/newhome/headlines/ast31aug99_1.htm)

**Nighttime Auroral Energy Deposition in the Middle Atmosphere**

NIGHTTIME AURORAL ENERGY DEPOSITION. Reagan, J. B.,

**ionization** processes, in

Dynamical and Chemical Cou- pling of Neutral and **ionized**

Atmospheres, ...

others searched for:

[http://acdb-ext.gsfc.nasa.gov/People/Jackman/Goldberg\\_1984.pdf](http://acdb-ext.gsfc.nasa.gov/People/Jackman/Goldberg_1984.pdf)

**Puzzling X-rays from Jupiter**

**ionized** sulfur and oxygen from such volcanoes feed Jupiter's **auroras**.

[more].

When Gladstone and colleagues trained the Chandra X-ray Observatory on Jupiter

...

others searched for:

[http://science.nasa.gov/headlines/y2002/07mar\\_jupiterpuzzle.htm](http://science.nasa.gov/headlines/y2002/07mar_jupiterpuzzle.htm)



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