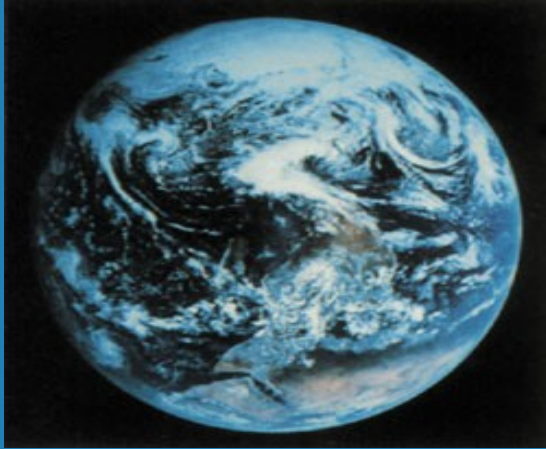


ГН





ΓΗ - ΣΧΗΜΑ

- 🌍 **Γεωειδές εκ περιστροφής**
- 🌍 **Πεπλατυσμένο στους πόλους**
- 🌍 **Εξογκωμένο στον ισημερινό**
- 🌍 **Διάμετρος**
 - **στον ισημερινό 12.756 Km**
 - **στους πόλους 12.714 Km**

ΚΙΝΗΣΕΙΣ ΤΗΣ ΓΗΣ

- **Μαζί με το ηλιακό σύστημα προς τον αστερισμό του Ηρακλή**
- **Μαζί με το Γαλαξία μας προς τον αστερισμό του Λέοντος**

ΚΙΝΗΣΕΙΣ ΤΗΣ ΓΗΣ

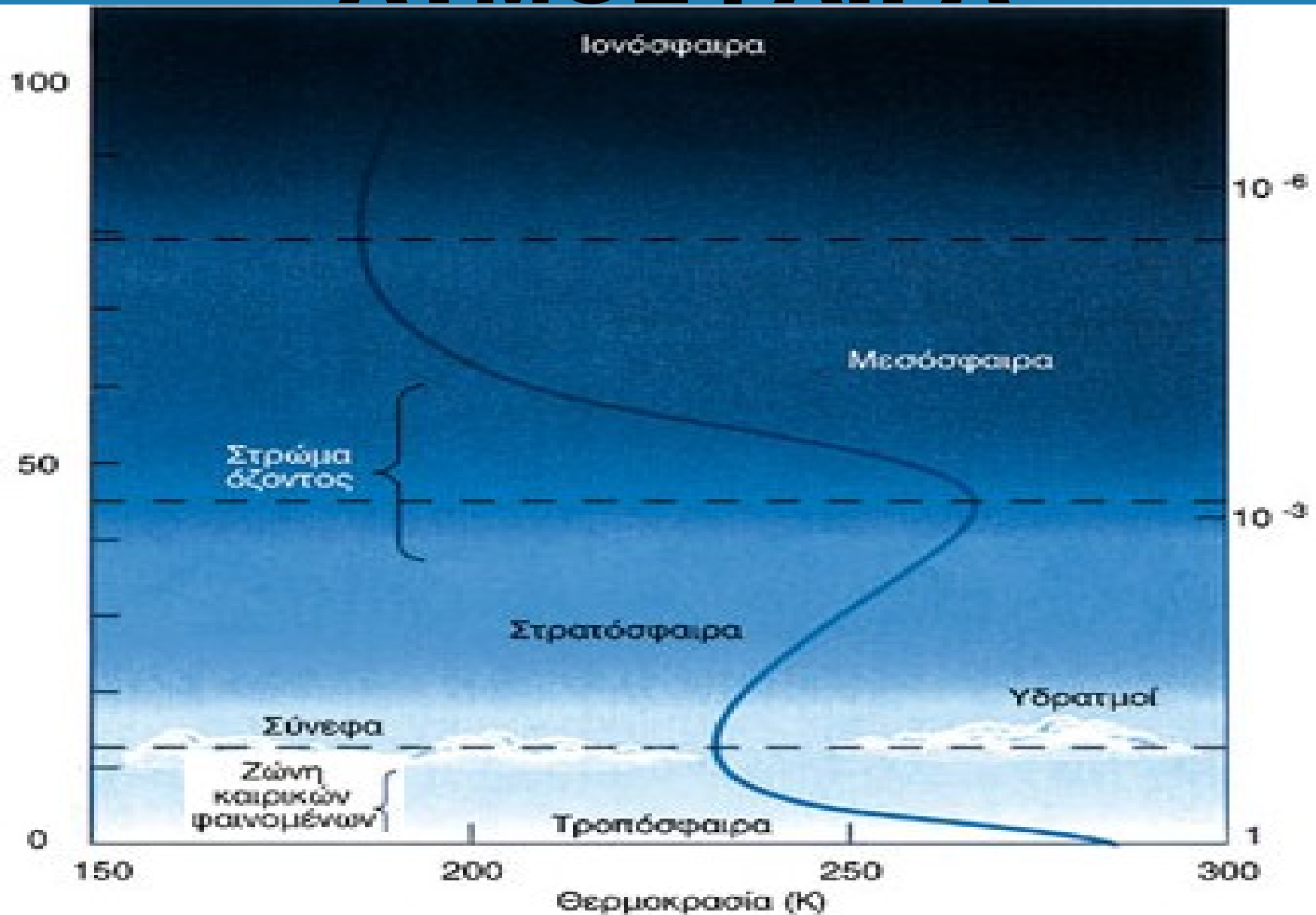
ΠΕΡΙΦΟΡΑ

- **Γύρω από τον Ήλιο**
- **Σε ελλειπτική τροχιά**
- **Πλήρη περιστροφή**
- **Σε 365,256 ημέρες**

ΠΕΡΙΣΤΡΟΦΗ

- **Γύρω από τον άξονά της**
- **Σε 23,93 ώρες**

ΑΤΜΟΣΦΑΙΡΑ



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KAIPOS

Volos, Greece

Current Nearest Observations:
 clear 7°C
 NA (0 mph)
 Relative Humidity (%): 74,
 Pressure (mB): 1031, Rising,
 Visibility: Good

[View this forecast in Fahrenheit](#)

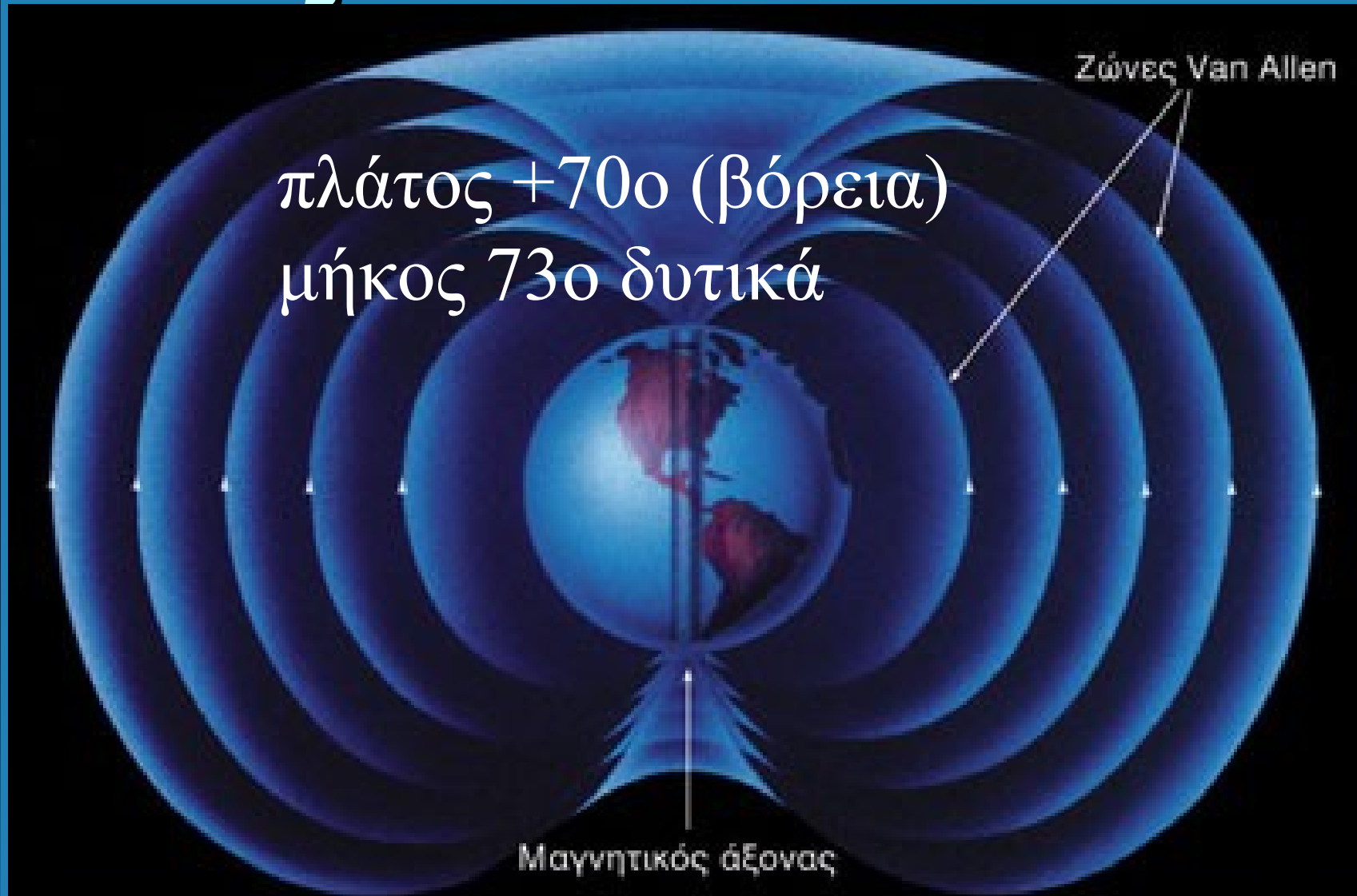
5 day forecast

Summary	Max day (Celsius)	Min night	Wind (mph)	Visibility	Pressure (mb)	Relative humidity	Sun index	Pollution
---------	----------------------	-----------	---------------	------------	------------------	----------------------	-----------	-----------

Symbol key (Help) ? Please move your mouse over any symbol shown below to view a description of what it represents.

Tuesday Sunrise 7:48 (EET) Sunset 17:23 (EET)		16°C	0°C	7	good	1030	85	
Wednesday Sunrise 7:47 (EET) Sunset 17:24 (EET)		15°C	2°C	5	very good	1027	85	
Thursday Sunrise 7:47 (EET) Sunset 17:25 (EET)		12°C	1°C	4	good	1023	93	
Friday Sunrise 7:47 (EET) Sunset 17:26 (EET)		14°C	0°C	10	good	1018	98	

Μαγνητικό πεδίο της Γης Ζώνες Van Allen



ΤΟ ΠΟΛΙΚΟ ΣΕΛΑΣ



ΤΟ ΠΟΛΙΚΟ ΣΕΛΑΣ

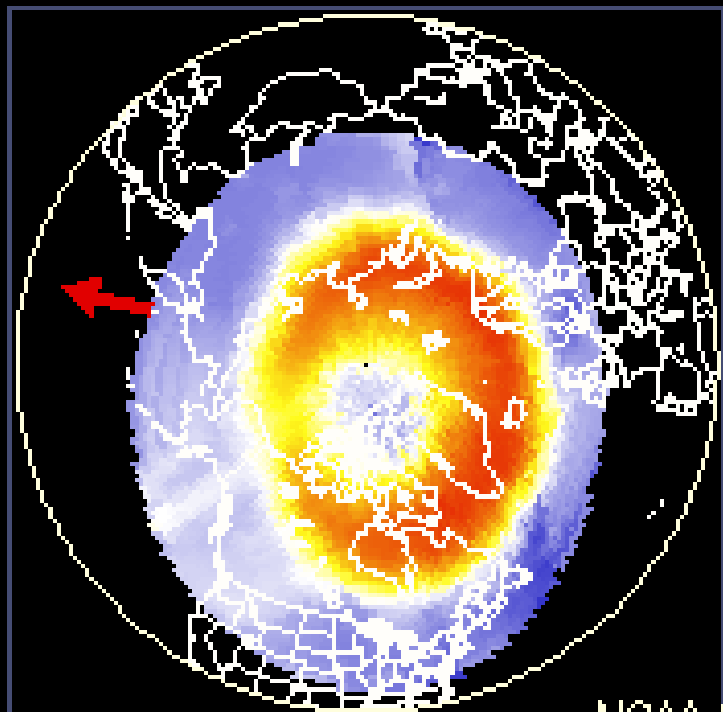
- **Εμφανίζεται κοντά στους πόλους της Γης.**
- **Ρεύματα με φορτισμένα σωμάτια φτάνουν από τον Ήλιο.**
- **Συγκεντρώνονται στους πόλους, εξαιτίας του μαγνητικού πεδίου της.**
- **Βομβαρδίζουν και διεγείρουν τα άτομα της ατμόσφαιρας, που με τη σειρά τους παράγουν φως.**

ΤΟ ΠΟΛΙΚΟ ΣΕΛΑΣ





2005 January 11 00:58UT



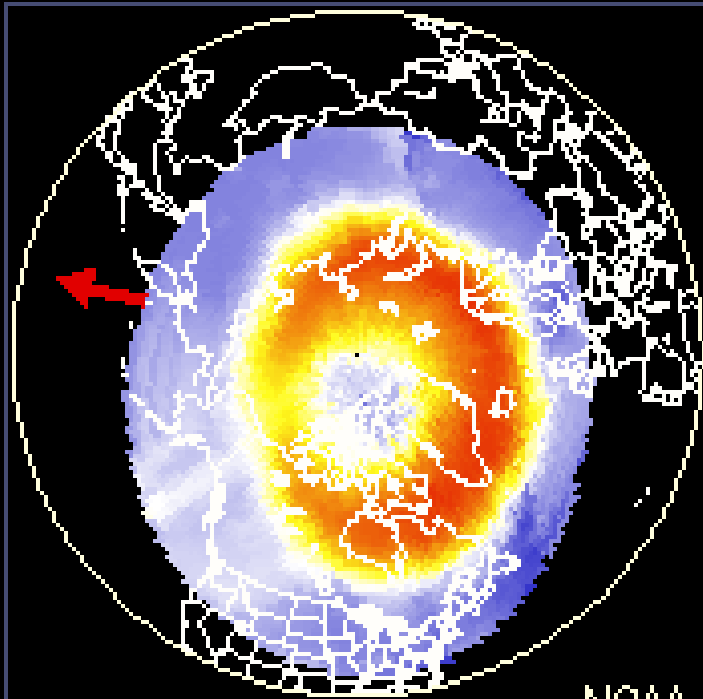
THE AURORA

Current extent of the auroral oval in the northern hemisphere

Μακρή Βαρβάρα



2005 January 11 00:58UT



Activity 8 n=0.86

NOAA SEC

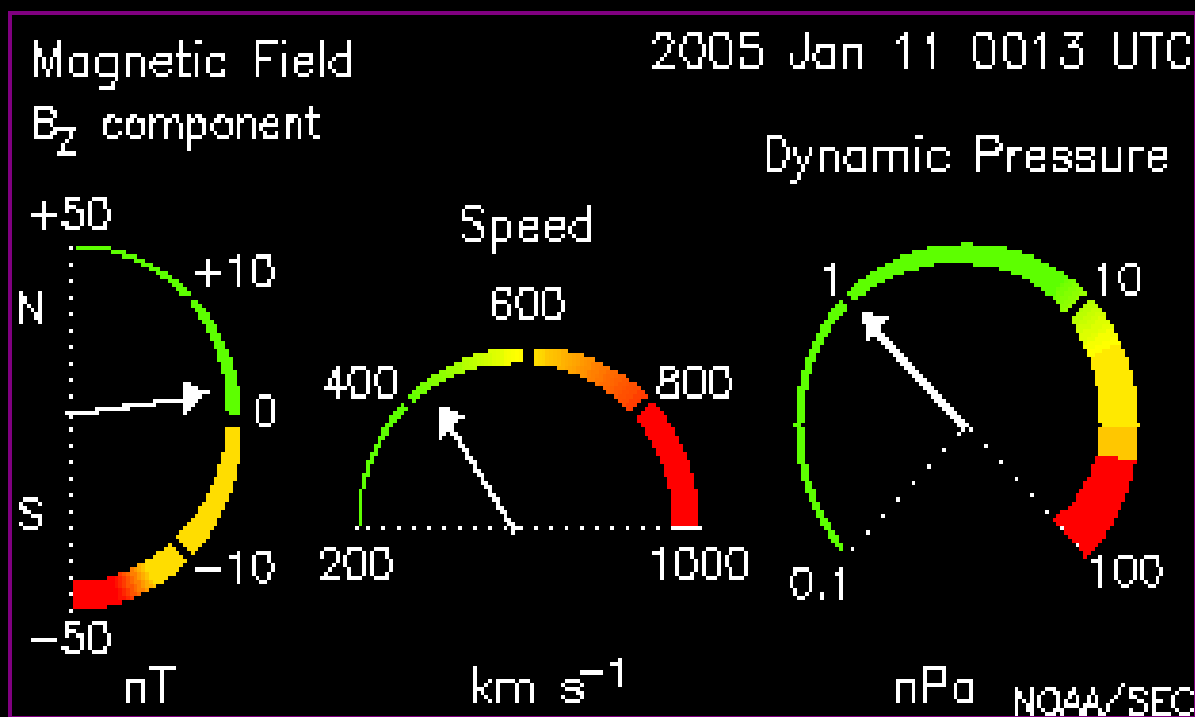
THE AURORA

Current extent of the auroral oval in the and southern hemisphere.

THE AURORA

2005 Jan 11 0012 UTC

Real-Time Solar Wind Pages



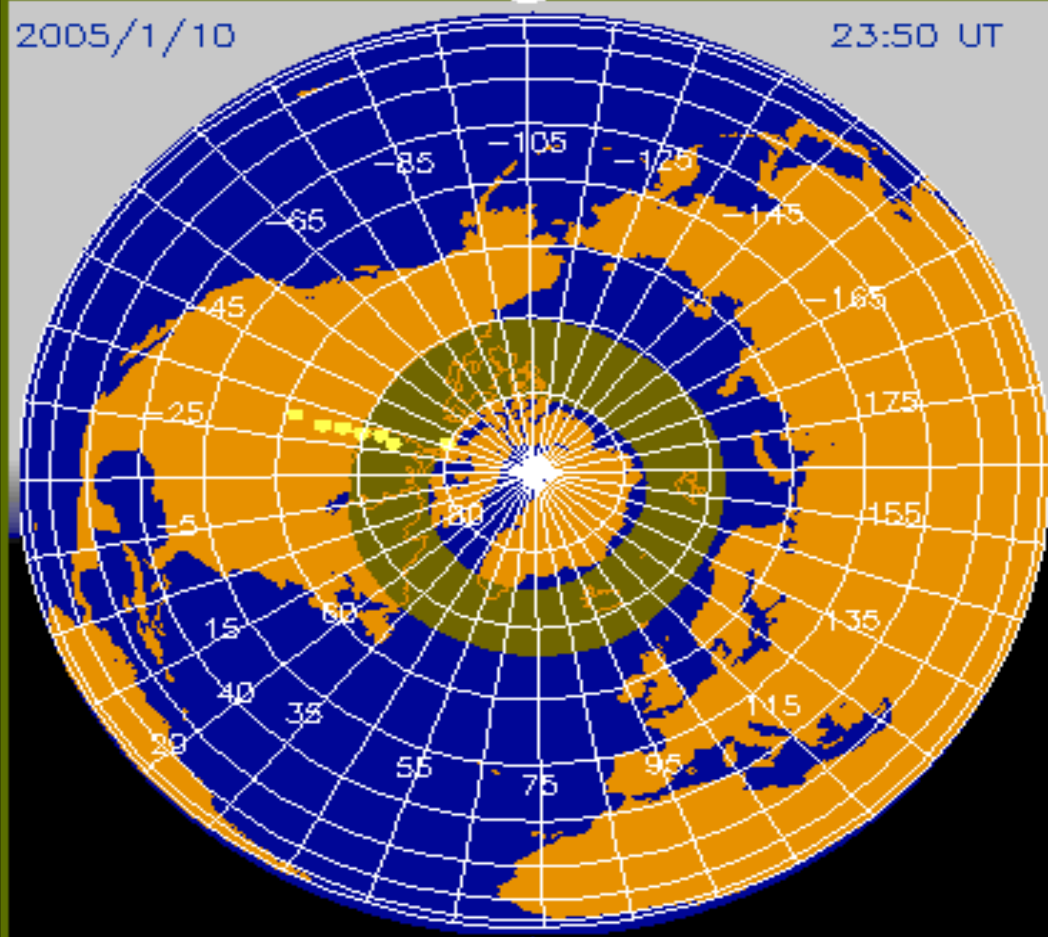
Interplanetary magnetic field and solar wind (data averaged over last 15 minutes).

CANOPUS Real Time Auroral Oval

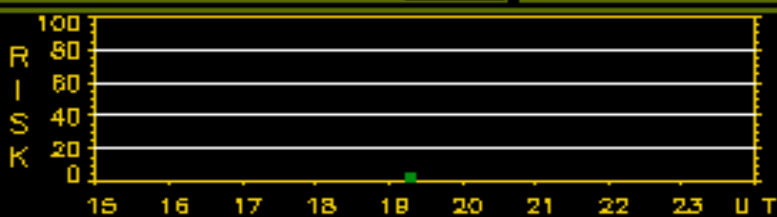
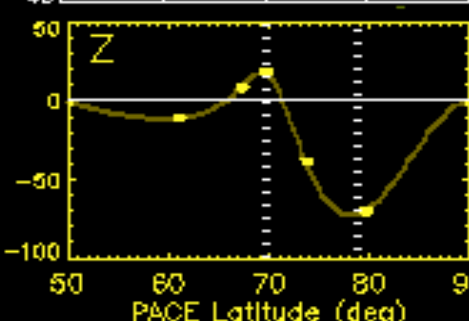
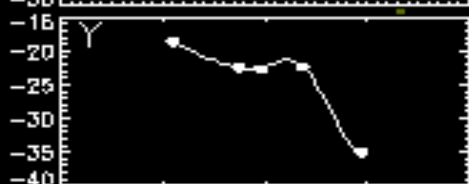
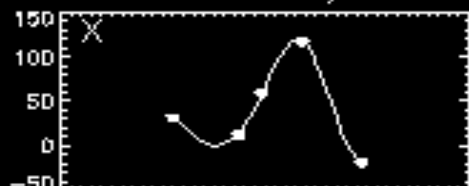
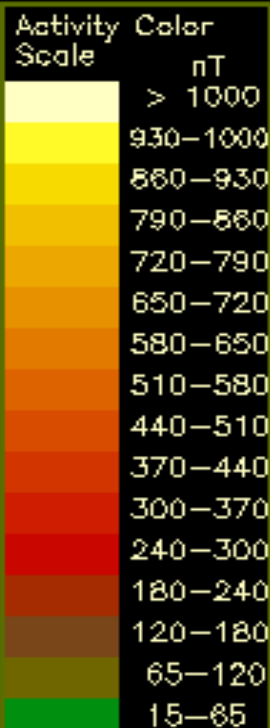
- **Real time view of the Auroral Oval in *magnetic coordinates* (as inferred from the CANOPUS magnetometer array).**

2005/1/10

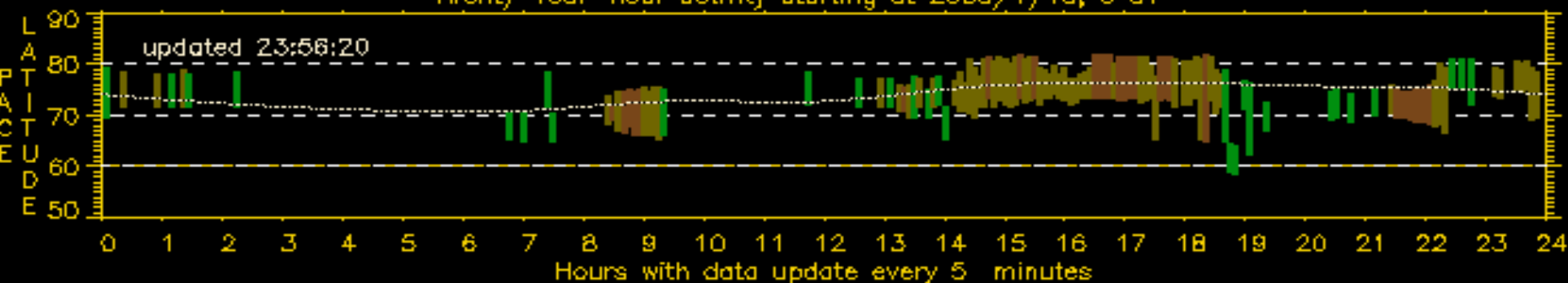
23:50 UT



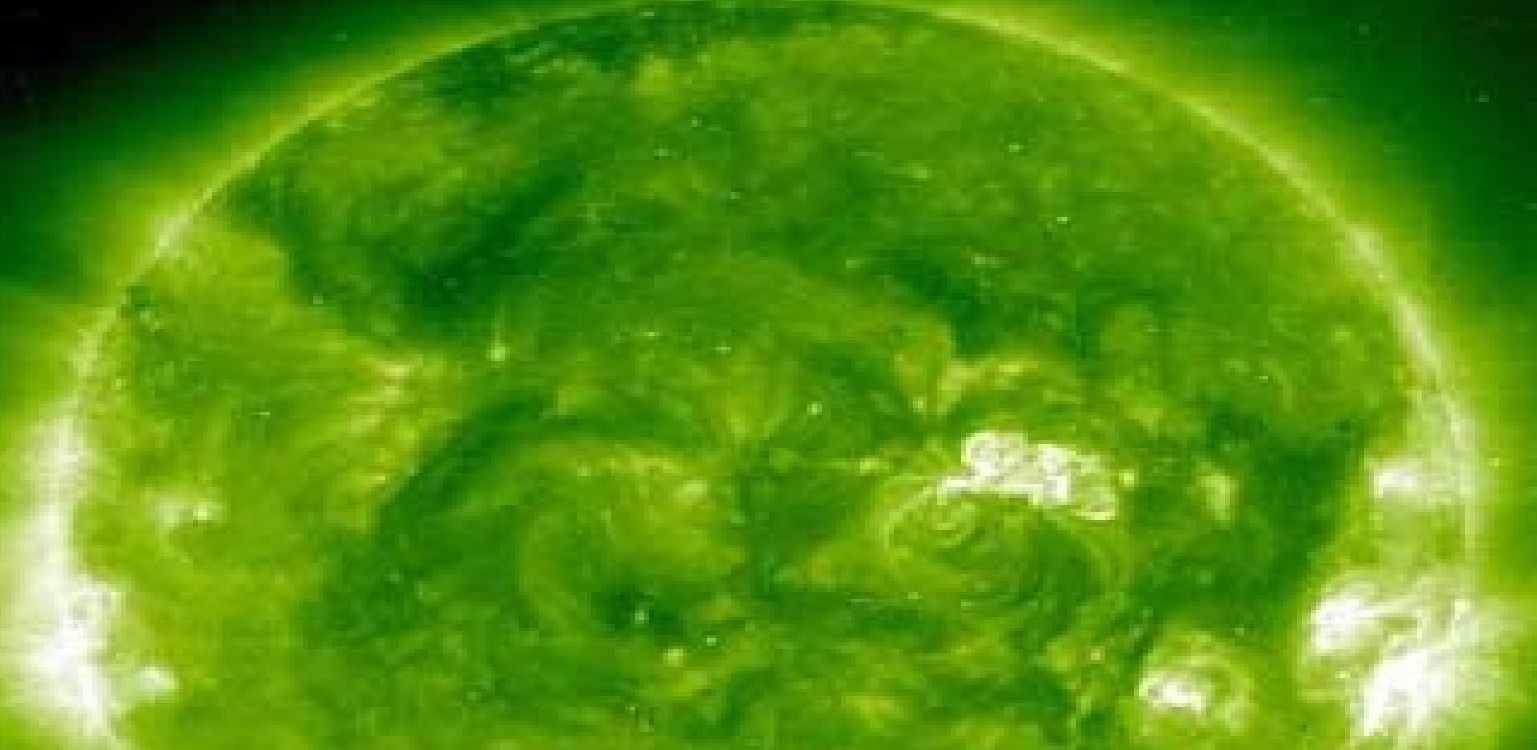
Churchill Line, 23:50



Twenty-four-hour activity starting at 2005/1/10, 0 UT



STORM ALERT! 8/11/04

A false-color image of the Sun, showing a bright yellow and white surface with several large, bright white areas representing magnetic storms. The background is a dark, deep blue. The storms are scattered across the visible surface, with some appearing as large, irregular white patches and others as smaller, more concentrated bright spots.

This false-color image from the orbiting SOHO spacecraft shows several large magnetic storms (the bright white areas) erupting on the surface of the Sun. These storms are pelting Earth's upper atmosphere with radiation and electrically charged particles. On Sunday night, this bombardment created brilliant displays of the "northern lights" that were visible as far south as Oklahoma, Colorado, and Georgia. Additional displays are possible on Monday and Tuesday nights, although scientists say the storms are subsiding. [Credit: SOHO]