SOLAR and HELIOSPHERIC OBSERVATORY
EIT

Extreme ultraviolet Imaging Telescope
LASCO
Large Angle Spectroscopic Coronograph
MDI
Michelson Doppler Imager
UVCS
Ultraviolet Coronal Spectrometer
SWAN
Solar Wind Anisotropies

Glow of the Interplanetary Hydrogen

UPWIND
Direction from which the interstellar breeze comes

DOWNWIND
Void in the interplanetary hydrogen

Credit: Aeronomie CNRS - FMI

SOHO SOLAR WIND MAPPER: SWAN

March 17, 1996 -- Ecliptic Coordinates

Part on other side
SUMER

Solar Ultraviolet Measurements of Emitted Radiation

![Graph showing ultraviolet measurements with error margins ±15% and ±30%]

(Wavelength, Å)

(Detector Å; slit 1×100 arcsec)

![Images of SUMER and LASCO equipment and solar images in various colors: blue, green, red, and orange]
Variability of Solar Irradiance and Gravity Oscillations
GOLF

Global Oscillations at Low Frequencies
CELIAS
Charge, Element, and Isotope Analysis System

Solar Wind Elements/Isotopes Observed by CELIAS MTOF

| Elements: | C | N | O | Ne | Na | Mg | Al | Si | P | S | Cl | Ar | K | Ca | Ti | Cr | Mn | Fe | Ni |
|-----------|---|---|---|----|----|----|----|----|---|---|----|----|    |    |    |    |    |    |    |
| Isotopes: | Ne | Mg | Si | S  | Cl | Ar | Ca | Cr | Fe | Ni |

(raw counts)

Mass (amu)
ERNE/COSTEP

Energetic & Relativistic Nuclei & Electron experiment/Comprehensive Suprathermal & Energetic Particle analyser