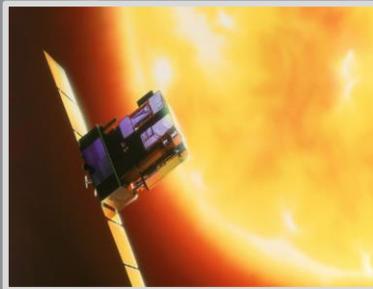
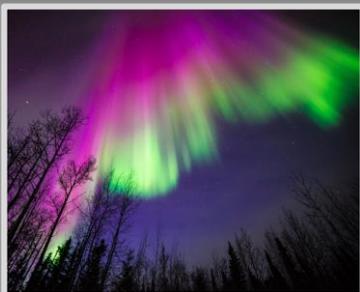
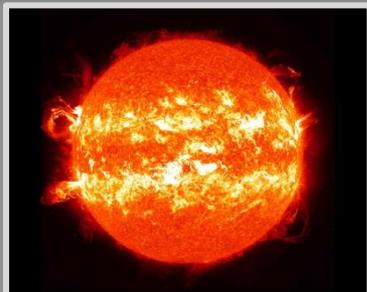


17th Space Weather Workshop 2016

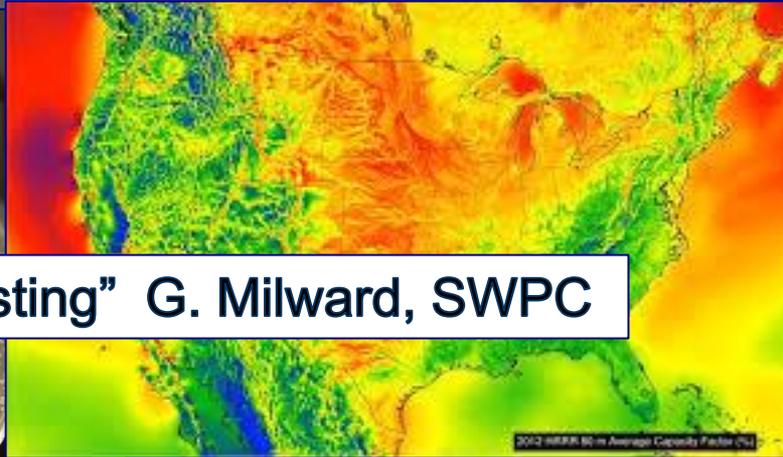
Closing Remarks



Dr. Thomas Berger

Director, NOAA/NWS/NCEP Space Weather Prediction Center

Random Highlights

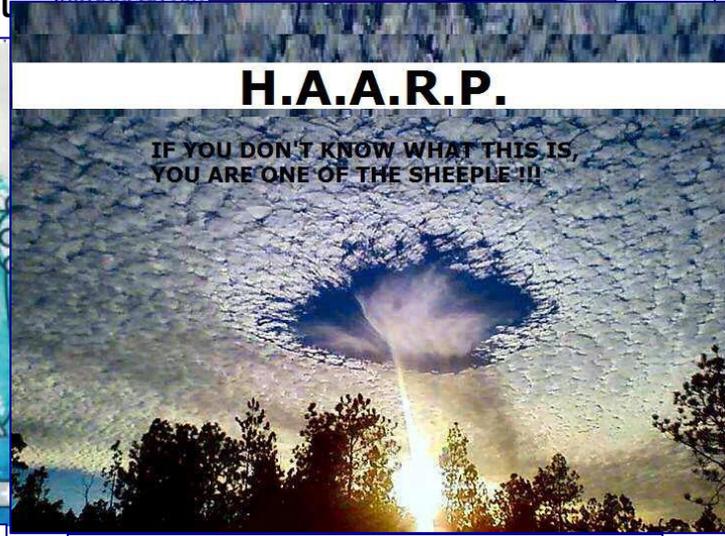
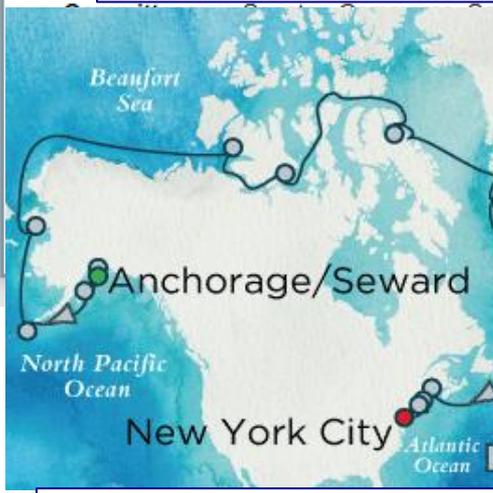


“Geospace model enables Future Nowcasting” G. Milward, SWPC

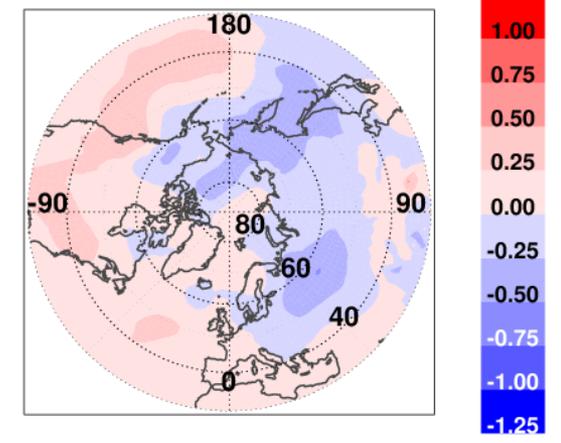


Renewable Energy

The “Money Chart”



DJF ΔPSL SSI Mid 0010:0300
EPP Max - EPP Min



The Crystal Dream!

Ionospheric Mind Control!

300 years of Kp=4: Nada!





Workshop Statistics

- 4 Monday Sessions
- 57 Talks in 12 Sessions Tuesday—Friday
- Attendance statistics
 - 322 Attendees
 - 26 Students fully sponsored
 - 124 posters (including e-posters)
 - 18 Nations represented
 - 5 media representatives, 1 international.
 - Reception attendance: 201
 - Banquet attendance: 152

Talks available soon at www.swpc.noaa.gov/content/annual-meeting



Weather Summary

2016 (2015)

Terrestrial

- High temperature: 72F (73F)
- Low temperature: 27F (32F)
- Average temperature: 50F (51F)
- Precipitation: 1.7" snow, 4/29 (0.98 in rain/snow mix)
- Maximum wind speed: 44 mph, 4/25 (31 mph)

Space

- Number of new active regions: 4 (4)
- Earth Directed CMEs: 0, possible glancing blow (0)
- Minimum solar wind speed: 325 km/sec, 4/29 (289)
- Maximum solar wind speed: 595 km/sec, 4/25 (757)
- Maximum Bt: 10 nT, 4/24 (20)
- Maximum Bz south: -5 to -7 nT, 4/24
- Maximum G-scale obtained: 0 (2)
- Auroral sightings: 0 (0)



Thanks!

- All presenters: you make the conference!
- Commercial partners and ACSWA
- Academic partners
- International partners
- Agency representatives: OSTP, WHMO, NOAA, NASA, NSF, USGS, USAF, USMC, FAA, DHS, DOS
- Student participants (Earth Sky Calculus band!)
- Session **Email survey to be sent out soon: Please give us your feedback!**
- SWPC Forecasters
 - Dave Marshall, Shawn Dahl, Rob Steenburgh
- SWPC organizing committee:
 - Dianne Suess, Brent Gordon, Howard Singer, Terry Onsager, Bob Rutledge, Rodney Viereck, Steve Hill, Tim Feickert, Paul Hemmick
- Conference Logistics:
 - UCAR: Kendra Greb and Michelle McCambridge, NOAA: Paul Hemmick and Michael
- Omni Interlocken Hotel: we'll be back!



Safe Travels!

See you next year!
Safe Travels!

See you next year!

Next Space Weather Week: May 2 — 5 2017

