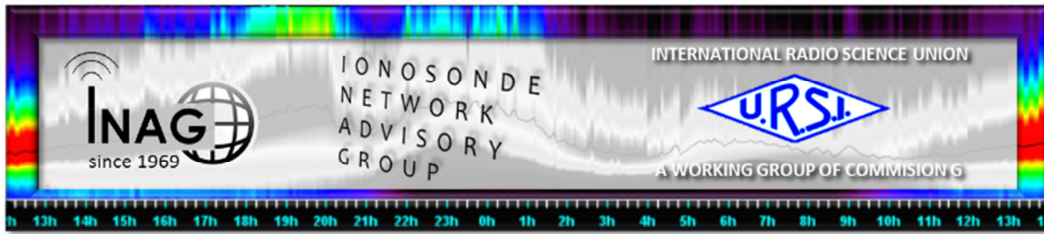


INAG: URSI Working Group G.-1 Membership: 398



Solar Eclipse 2017

As seen by GIRO ionosonde network

08/24/2017

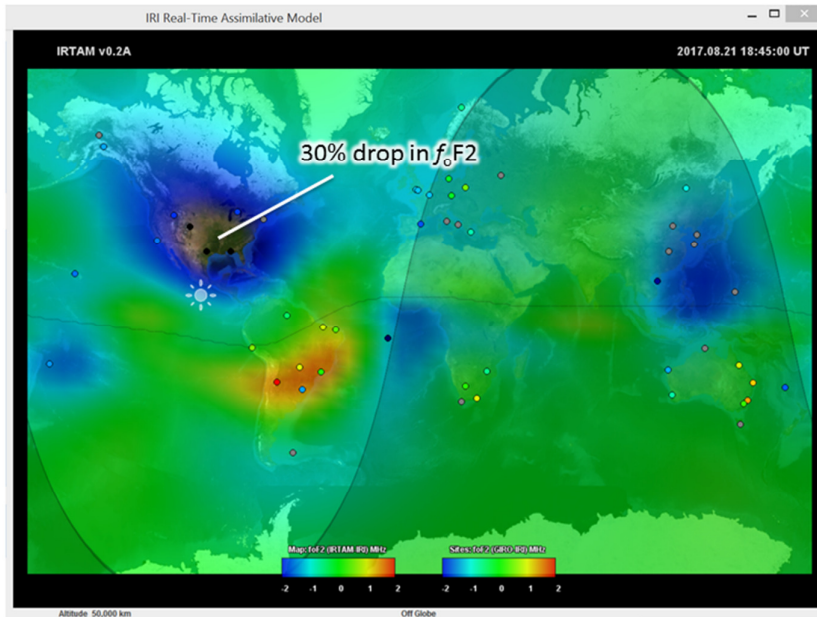
Welcome to INAG Newsletter 2017-05!

As the moon's shadow was moving across the Continental USA, the ionosondes that participate in GIRO network were recording. Here's a brief presentation of two frames in the life of the Total Solar Eclipse 2017 as seen by the ionosondes of GIRO that monitor ionospheric plasma conditions.



Solar eclipse 2017

f_oF2



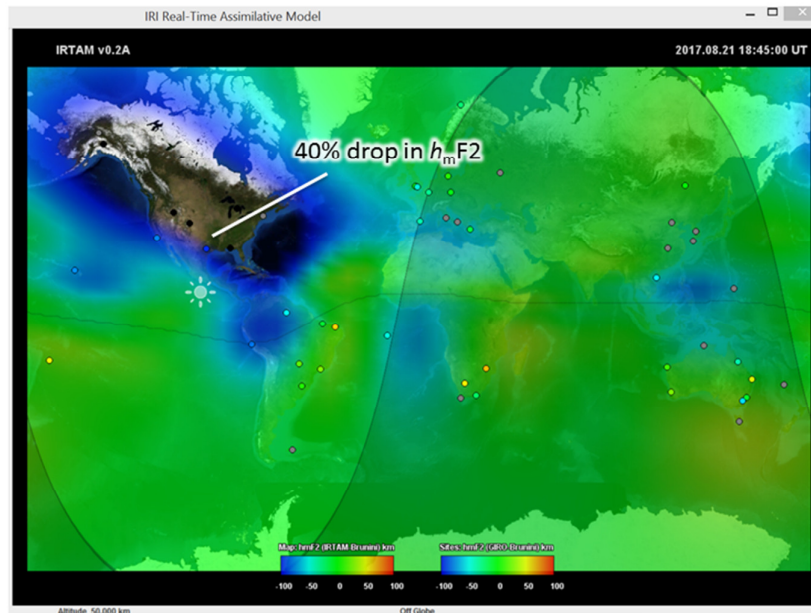
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Plasma depletion as reported by GIRO on August 21, 2017 18:45 UT. Color surface: deviation of IRTAM foF2 values from the IRI quiet-time prediction. Color dots: foF2 deviations as reported by individual GIRO sites.



Solar eclipse 2017

h_mF2



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As plasma density in the F2 region was quickly decreasing, the altitude at which the peak density is observed (h_mF2) was decreasing as well.

Ivan Galkin

UMass Lowell: GIRO
INAG Chair

John Bosco Habarulema

SANSA, South Africa
INAG Co-Chair

Baiqi Ning

IGG CAS, Beijing, China
INAG Co-Chair

Exit Note: INAG would like to hear from you on your status and plans. To contribute an article to the INAG Bulletin please write to bulletin@ursi-inag.org. Your article will be published to the URSI G.1 site and announced in this newsletter. To send a short note to INAG newsletter, simply reply to chair@ursi-inag.org.

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