

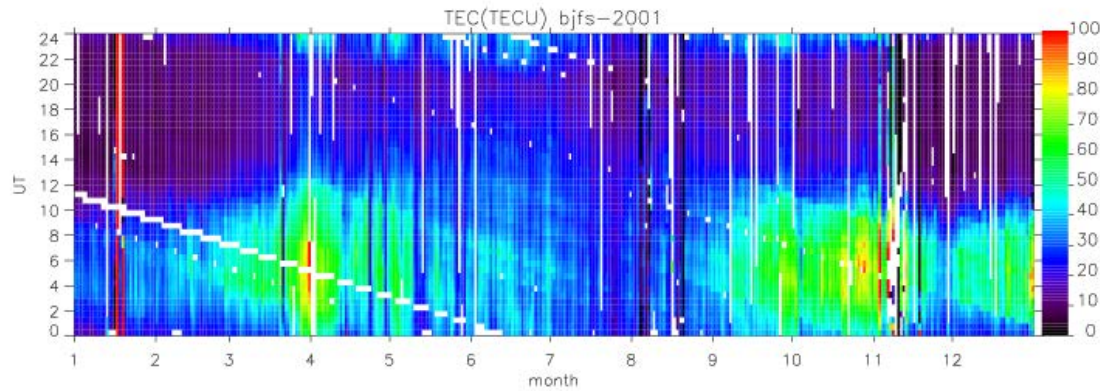
Preliminary Research Results on Characterizing Ionosphere over China

LI Qiang

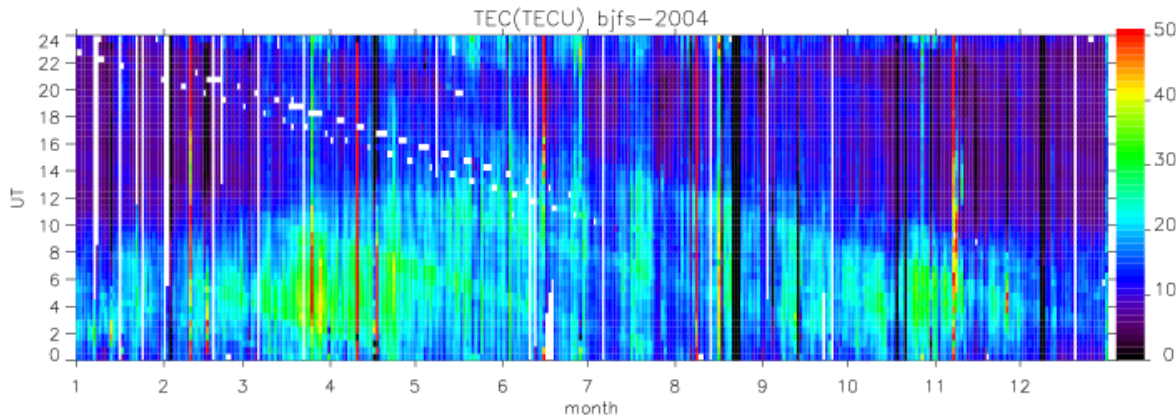
ADCC under ATMB of CAAC

liq@adcc.com.cn

Nominal ionosphere

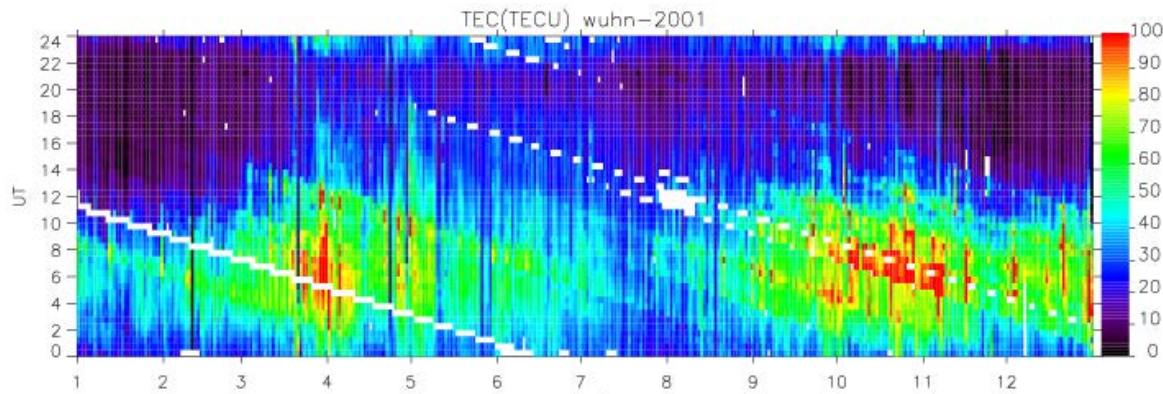


TEC daily variations during 2001 (high solar activity periods) in Beijing (Lat:39.60, Lon:115.89, mid-latitude)

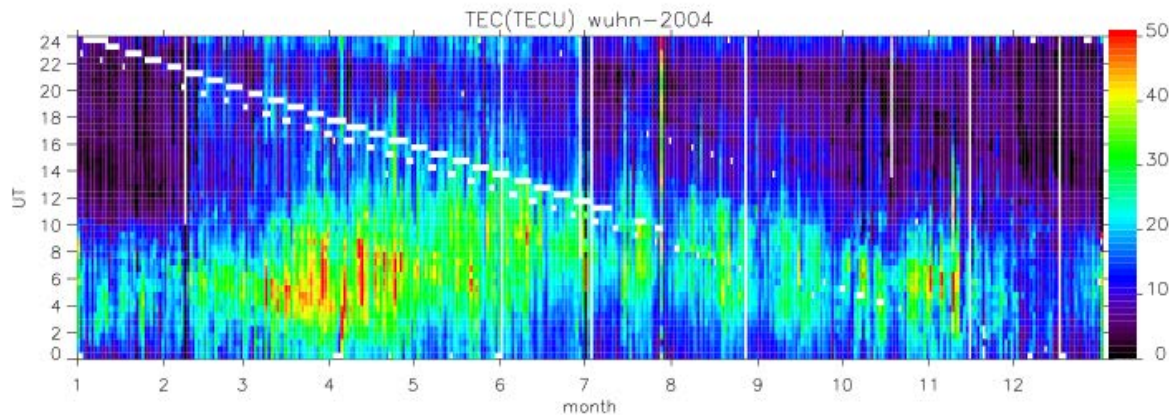


TEC daily variations during 2004 (decreasing solar activity periods) in Beijing

Nominal ionosphere

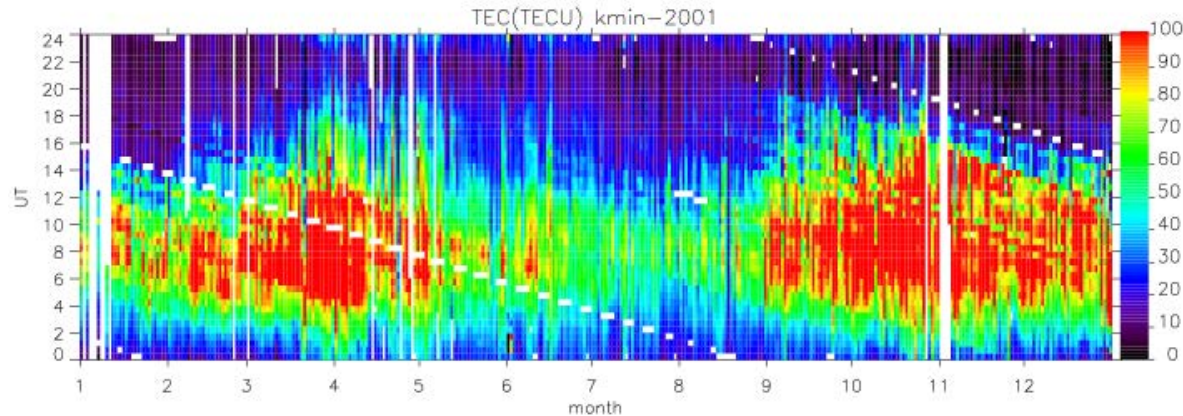


TEC daily variations during 2001(high solar activity periods) in Wuhan (Lat:30.53, Lon:114.35, low-latitude)

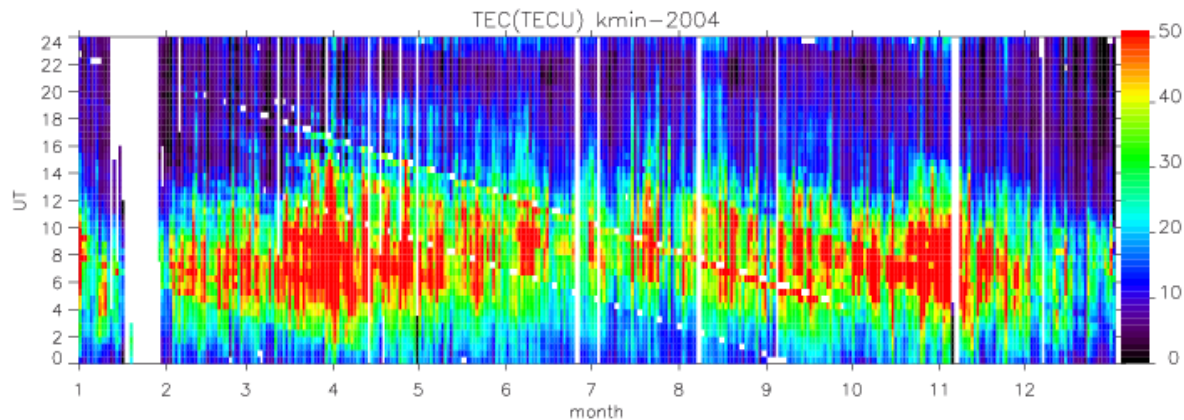


TEC daily variations during 2004(decreasing solar activity periods) in Wuhan

Nominal ionosphere

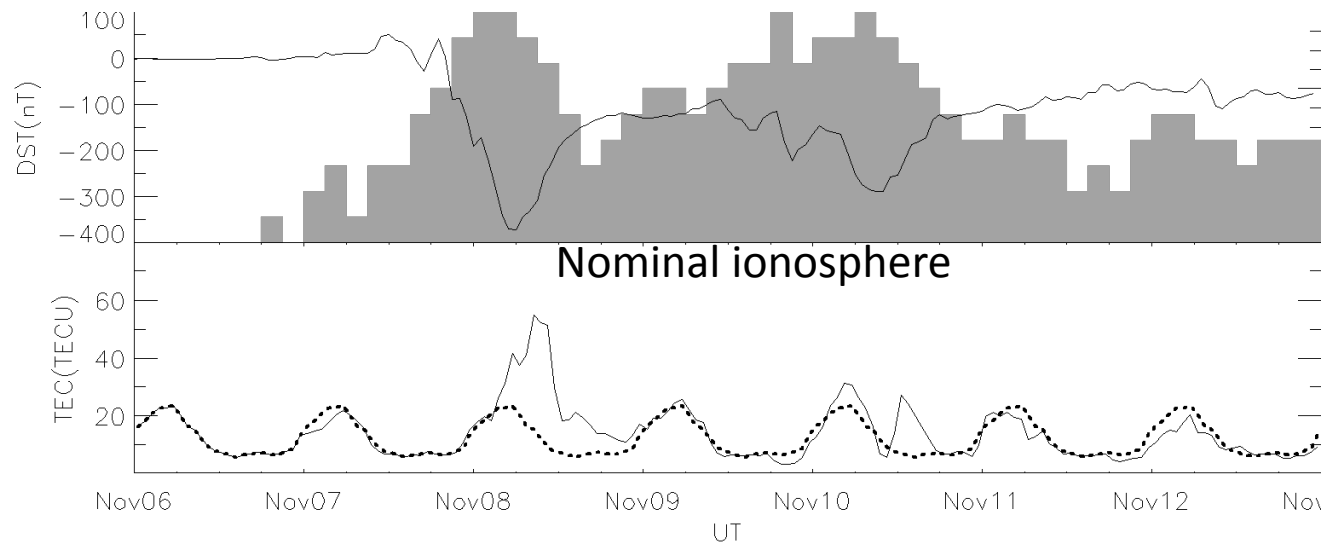


TEC daily variations during 2001(high solar activity periods) in Kunming (Lat:25.03, Lon:102.80, equatorial crest)



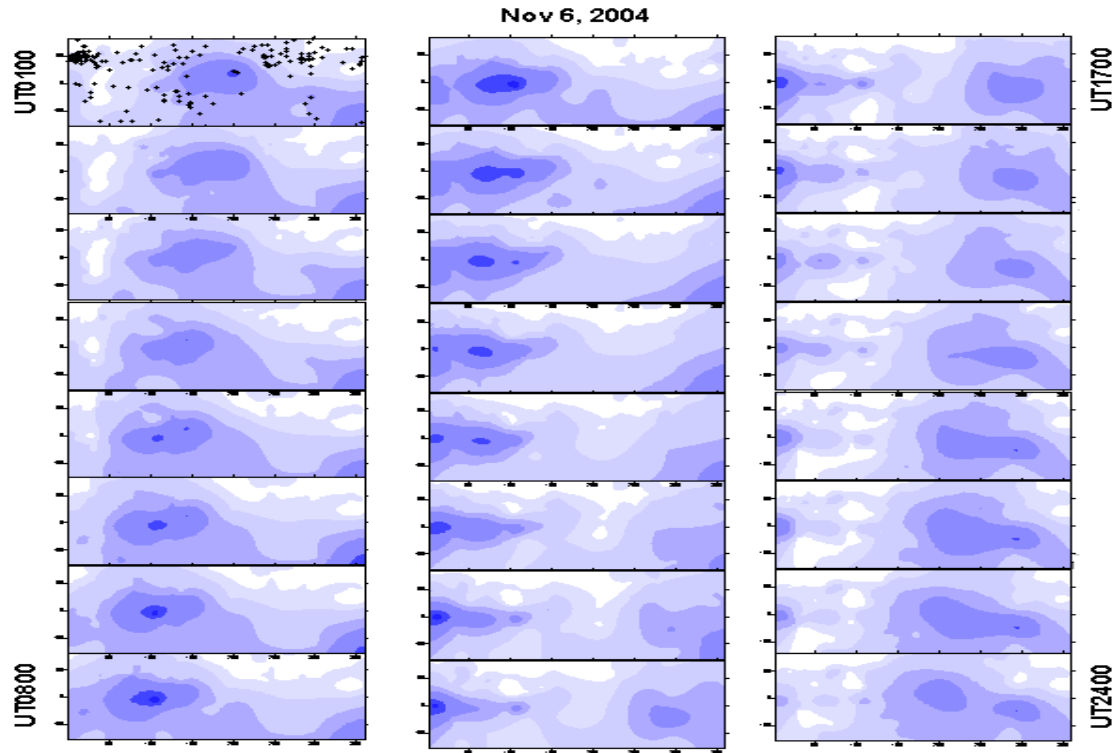
TEC daily variations during 2004(decreasing solar activity periods) in Kunming

Anomalous ionosphere



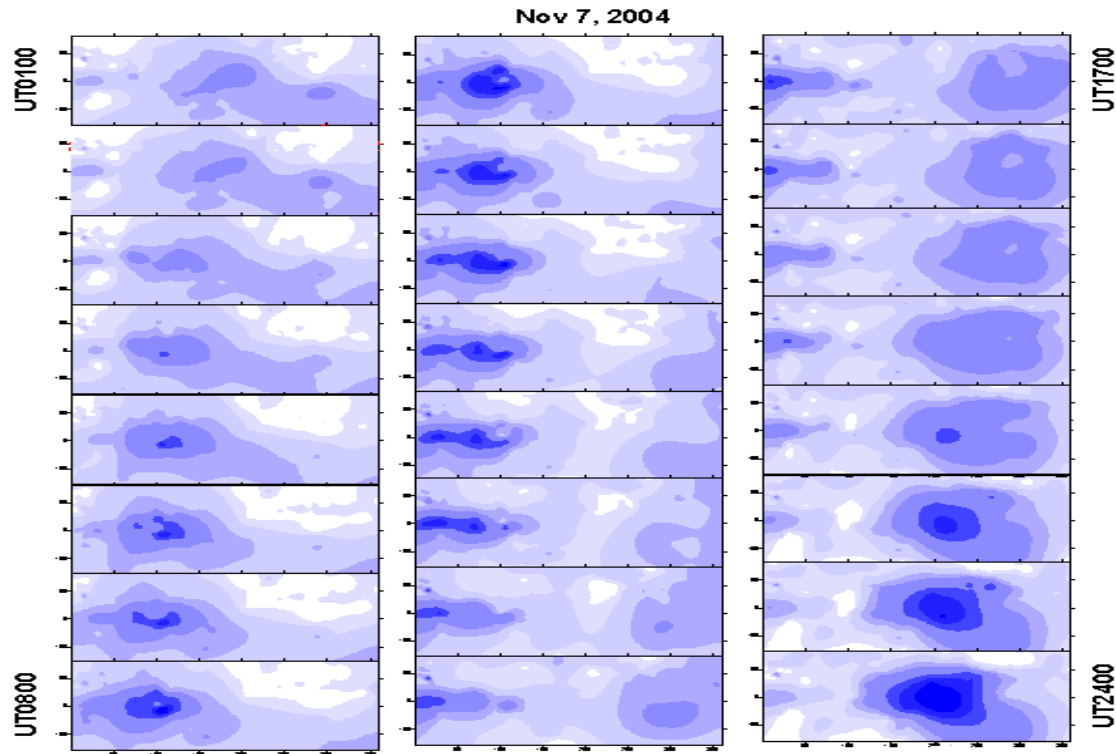
Hourly variation of Dst index, Kp index and TEC during Ionosphere Storm from 6 Nov. to `12, Nov, 2004.
Solid line: Disturbed daily variation.
Dotted line: Quiet daily variation.

Anomalous ionosphere



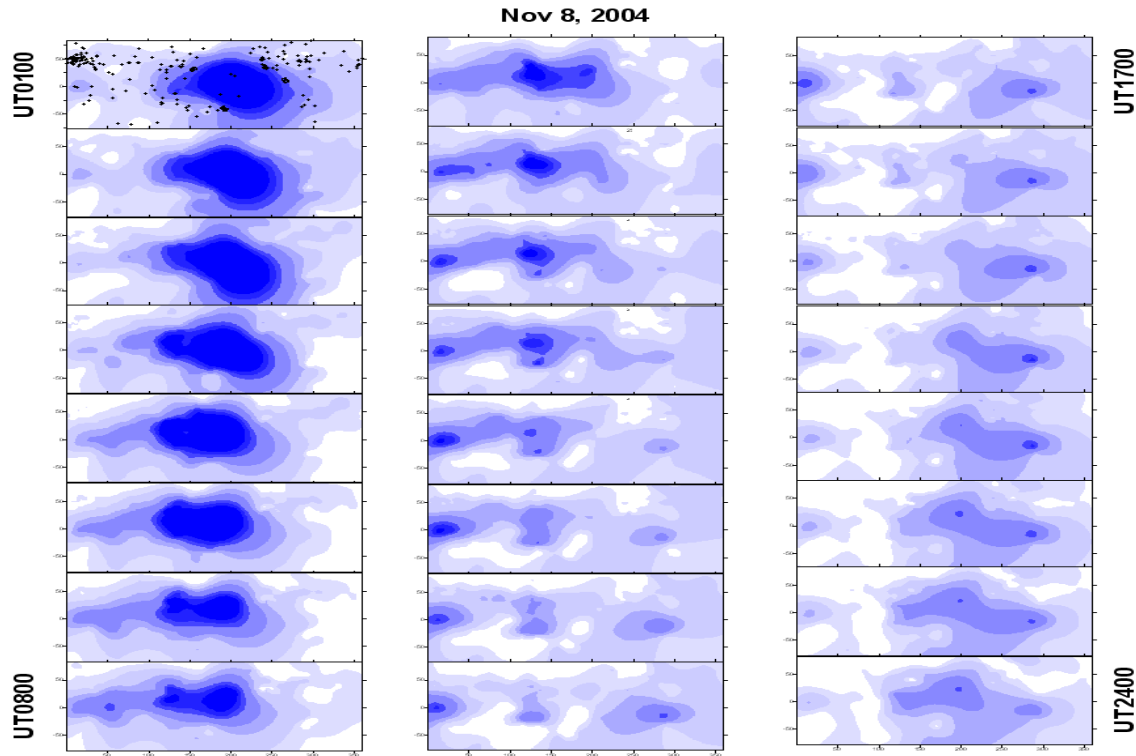
Global hourly TEC variations on 6 November 2004(Quiet day before storm).

Anomalous ionosphere



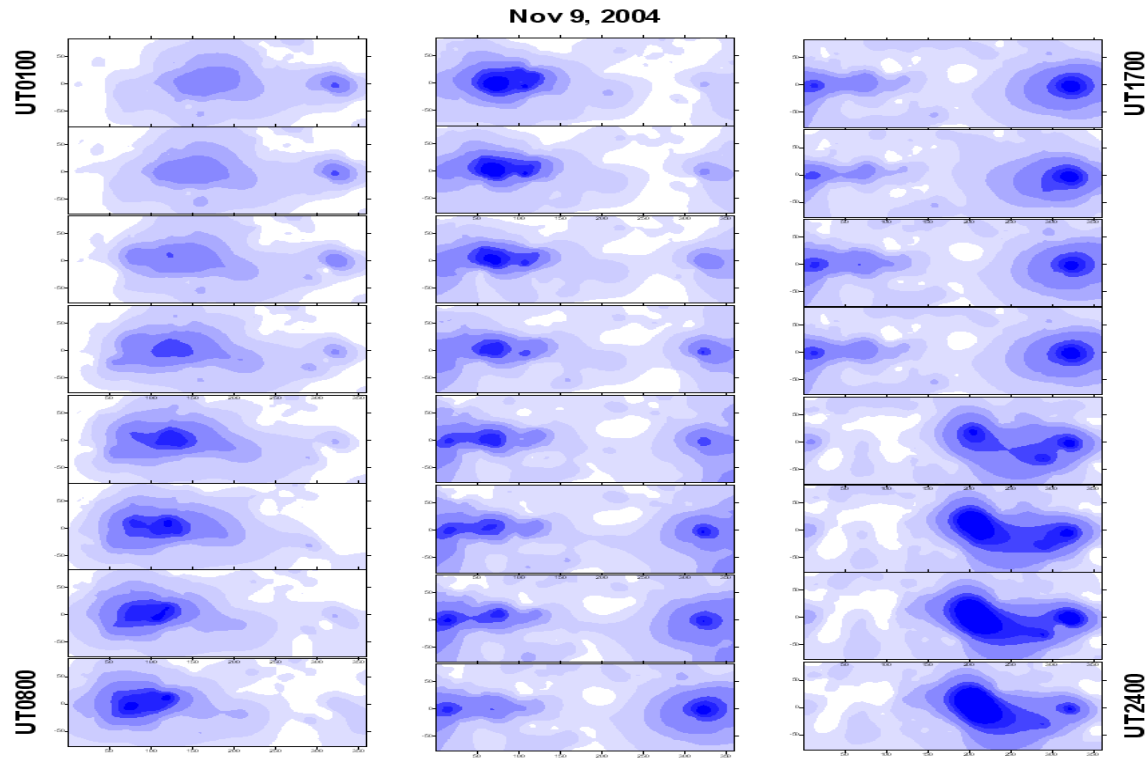
Global hourly TEC variations on 7 November 2004(Disturbed day before storm).

Anomalous ionosphere



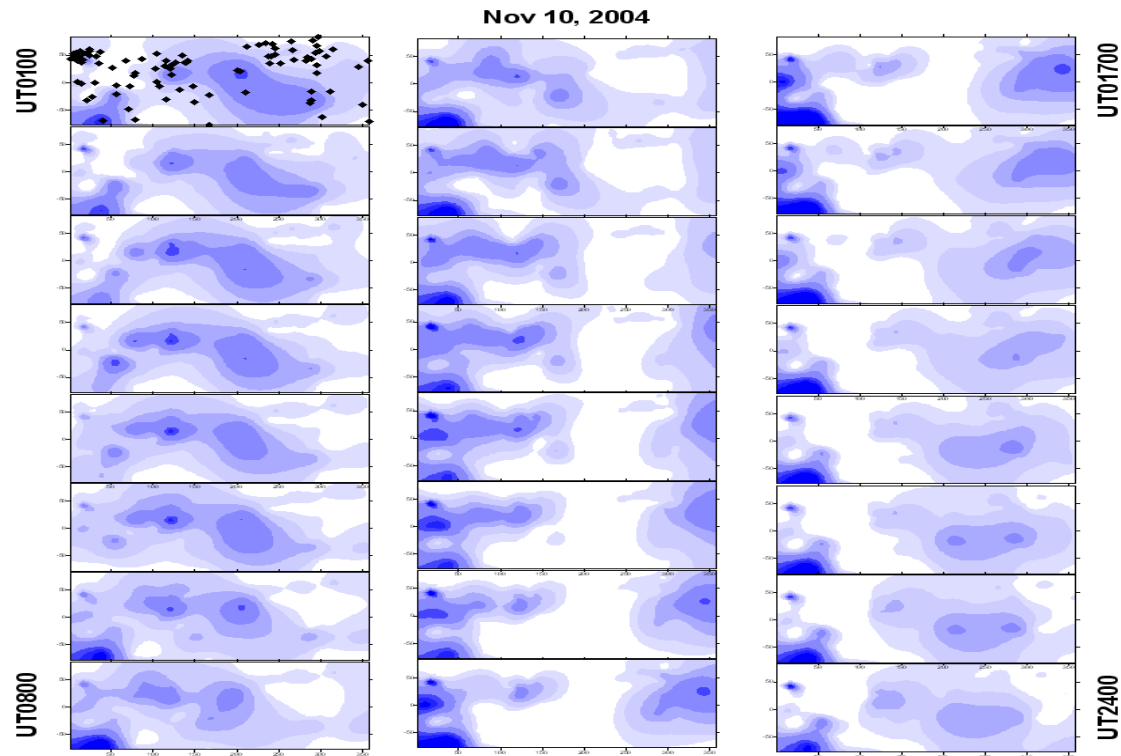
Global hourly TEC variations on 8 November 2004(Disturbed day during storm main phase).

Anomalous ionosphere



Global hourly TEC variations on 9 November 2004(Disturbed day during storm recovery phase).

Anomalous ionosphere



Global hourly TEC variations on 6 November 2004(Disturbed day after storm).