

Ionospheric observation during the PREASA4 campaign

Fusako Isoda [1], Kiyoshi Igarashi [2], Hisamitsu Minakoshi [2], Kenro Nozaki [2]

[1] ARIB/CRL, [2] CRL

<http://ionet-us.crl.go.jp/preasa/isoda/preasa4>

PREASA(Pacific Region Equatorial Anomaly Studies in Asia) 4th campaign observation was carried out from 22.Feb,1999 to 14.Mar,1999 with the colaboration with WEST-PAC campaign observation. Last year TEC meters and a magnetometer were installed at Fiji(only TEC meter),and Philippine.

During this campaign Okinawa digisonde observation was operated every 5 min. observation. The Digisonde observation mode of ionosonde and drift provide information about the ionospheric dynamics. Results of this campaign observation will be presented.

G. Sales(University of Massachusetts Lowell, Center of Atmospheric Research)

B. Reinisch (University of Massachusetts Lowell, Center of Atmospheric Research)

PREASA(Pacific Region Equatorial Anomaly Studies in Asia) 4th campaign observation was carried out from 22.Feb,1999 to 14.Mar,1999 with the colaboration with WEST-PAC campaign observation. Last year TEC meters and a magnetometer were installed at Fiji(only TEC meter),and Philippine.

One of the objects of this campaign observation is to investigate about ionospheric phenomena around South-East Asia which effect to the radio propagation of satellite communication. The 4th PREASA program aims to study features of TID's propagation, Spread F, responses of disturbances of the aurora region and so on.

During this campaign Okinawa digisonde observation was operated every 5 min. observation. The Digisonde observation mode of ionosonde and drift provide information about the ionospheric dynamics. Results of this campaign observation will be presented.