



Sun summary, March 03-10 – J.R. Cecatto

Summary

03/03 – No M/X are; Fast (≤ 500 km/s) wind stream; 4 CME have component toward the Earth;

03/04 – No M/X are; Fast (≤ 550 km/s) wind stream; 3 CME can have component toward the Earth;

03/05 – M1.7 are; Fast (≤ 500 km/s) wind stream; 5 CME can have component toward the Earth;

03/06 – No M/X are; Fast (≤ 450 km/s) wind stream; 1 CME can have component toward the Earth;

03/07 – M1.6 are; Fast (≤ 450 km/s) wind stream; 8 CME can have component toward the Earth;

03/08 – No M/X are; Fast (≤ 600 km/s) wind stream; 5 CME can have component toward the Earth;

03/09 – No M/X are; Fast (≤ 700 km/s) wind stream; 2 CME can have component toward the Earth;

03/10 – No M/X are; Fast (≤ 650 km/s) wind stream; 2 CME can have component toward the Earth.

For.: Fast wind stream for the next 1-2 days; for while (30% M, 05% X) probability of M / X ares next 2 days; also, occasionally some other CME can present a component toward the Earth.

Resumo Sol – 03-10 de Março – J.R. Cecatto

03/03 – Sem "Flare" M/X; Vento rápido (≤ 500 km/s); 4 CME com componente p/ Terra;

04/03 – Sem "Flare" M/X; Vento rápido (≤ 550 km/s); 3 CME com componente p/ Terra;

05/03 – "Flare" M1.7; Vento rápido (≤ 500 km/s); 5 CME com componente p/ Terra;

06/03 – Sem "Flare" M/X; Vento rápido (≤ 450 km/s); 1 CME podem ter componente p/ Terra;

07/03 – "Flare" M1.6; Vento rápido (≤ 450 km/s); 8 CME podem componente p/ Terra;

08/03 – Sem "Flare" M/X; Vento rápido (≤ 600 km/s); 5 CME com componente p/ Terra;

09/03 – Sem "Flare" M/X; Vento rápido (≤ 700 km/s); 2 CME podem ter componente p/ a Terra;



10/03 – Sem "Flare" M/X; Vento rápido (≤ 650 km/s); 2 CME podem ter componente p/ a Terra

Prev.: Vento rápido para os próximo(s) 1-2 dia(s); probabilidade de “ares” M/X (30% M, 05% X) nos próximos 02 dias; eventualmente alguma(s) outra(s) CME pode(m) apresentar componente dirigida para a Terra.

Ionosfera – Digisonda (Laysa Resende)

Summary

The spread F was not observed on March 05, 2025 over Cachoeira Paulista (Figure 1). The Es layers were weak in this region.

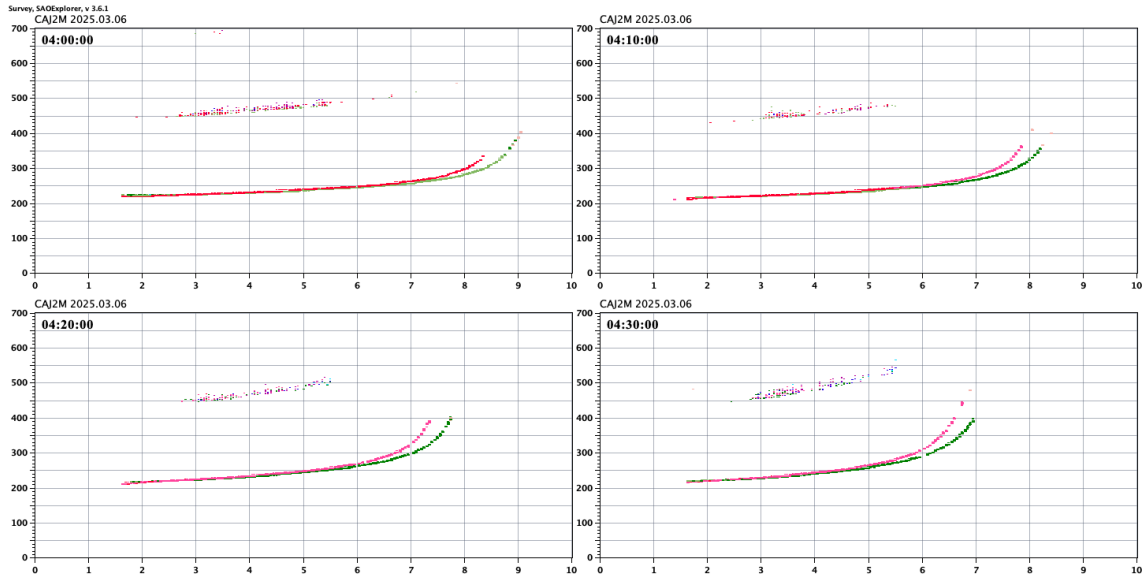


Figure 1 – Sequences of ionograms over Cachoeira Paulista, showing the absence of the spread F.

Ionosphere - ROTI Summary for Week 2356 (March 2 to 8, 2025)

Carolina de Sousa do Carmo

In the week 2356 (March 2 to 8, 2025), ionospheric irregularities (plasma bubbles) were observed on all nights. The Figure below shows the ROTI time series for four stations in the Brazilian sector (Boa Vista (BOAV), Bacabal (MABB), São Luis (SALU), and São José dos Campos (SJSP)).

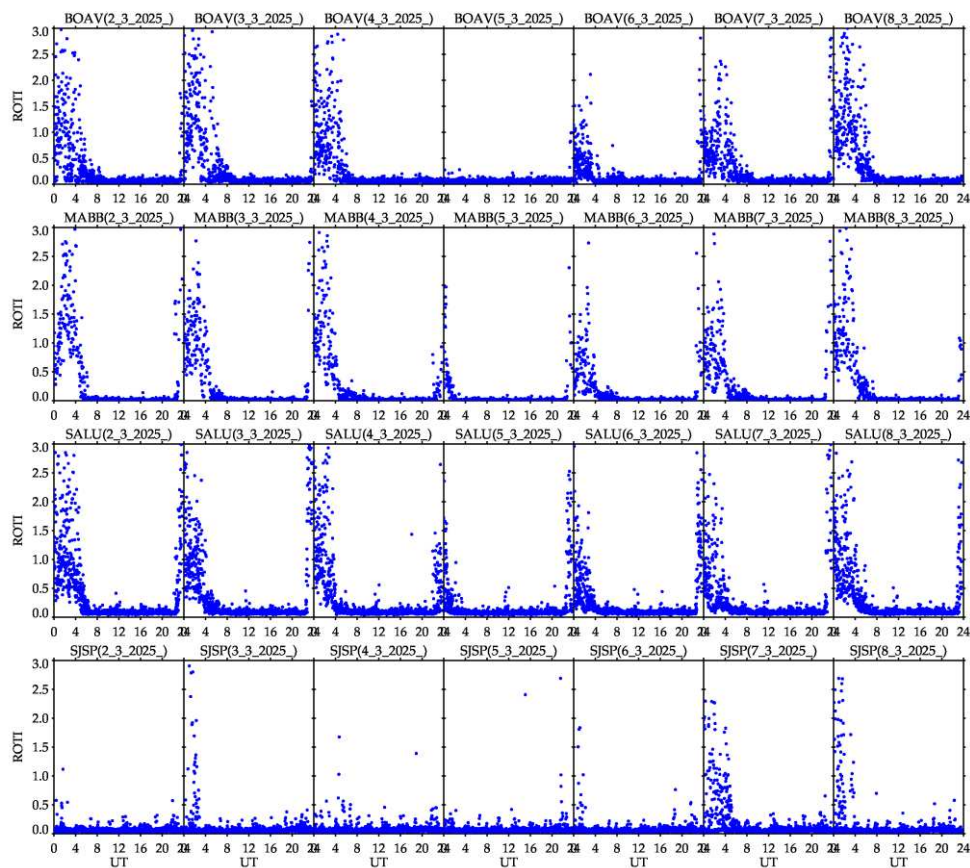


Figure – ROTI time series for four stations in the Brazilian sector (Boa Vista (BOAV), Bacabal (MABB), São Luis (SALU), and São José dos Campos (SJSP)), from March 2 to 8, 2025.