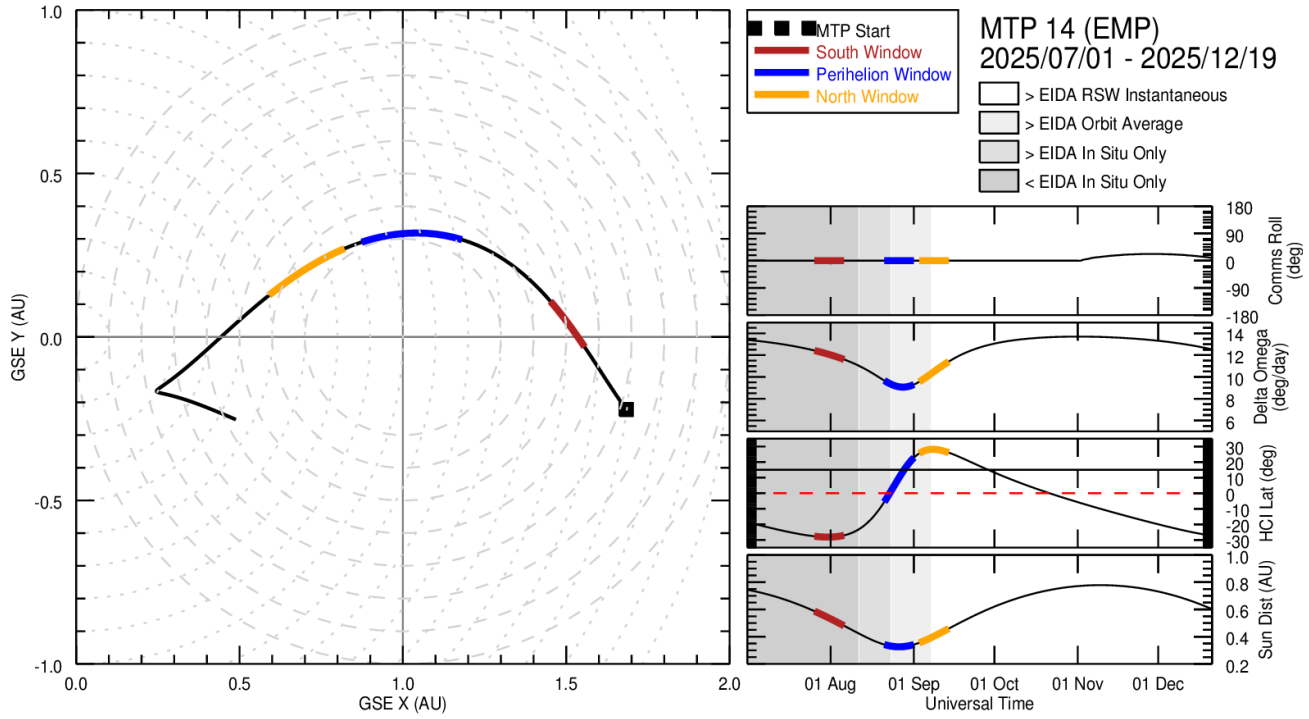
MTP14 - 2025/07/01 - 2026/01/01

Plots are in GSE (geocentric solar ecliptic) coordinates, so Earth is at [0,0], the Sun is at [1,0]. The plot is the projection of the orbit on the ecliptic plane.



2nd orbit in EMP: 3 RS windows, S and N windows reach max latitude 28º, farther perihelia: at 0.33AU.

RS window (default) placement

Period	Window /GAM	EXT Start	Start	End	Hcentric	Distance	Range	Hgraphic	Latitude	Range	SC-Sun-	Earth	Angle	Conjunction	Saf Mod Com Black
MTP 14	South	2025-07-22	2025-07-26	2025-08-05	0.59	0.53	0.48	-27.67	-28.16	-27.09	176	177	167	NO	NO
MTP 14	Perihelion	2025-08-17	2025-08-21	2025-08-31	0.34	0.33	0.34	-05.61	11.39	22.78	115	092	068	NO	NO
MTP 14	North	*2025-08-31*	2025-09-03	2025-09-13	0.36	0.41	0.46	25.58	28.12	26.04	053	033	018	NO	NO

Proposal

- **MTP14 - perihelion:** another good opportunity to schedule 20-30mins of R_SMALL_HRES_HCAD_RS-burst at perihelion day, at least if you can hold onto the data until the big underrun. Together with the North window this is a time with very high TM downlink, and could be suitable to schedule a few instances of R_SMALL_HRES_HCAD_RSburst to enhance chances of catching energetic particle events (see 3.2.6 Effects of energetic particles propagating downward in the chromosphere).
- **MTP14 - NorthB** also suitable for L_SMALL_HRES_HCAD_Fast-Wind (high latitude and close in)