Annual Variations in GONG ring-diagram measurements

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Introduction

🌟 It’s the $B_0$ angle!
Meridional flow and $B_0$-angle variation
Zonal flow and $B_0$-angle variation
Linear correlation coefficients with $B_0$

Zonal Flow

Meridional Flow

Zonal Flow Error

Meridional Flow Error
Corrected meridional flow
Corrected zonal flow
Summary

🌟 It’s the $B_0$ angle!
Sidereal-synodic correction