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2026		✓	✓	
2025		✓	✓	
2024		✓	✓	
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2021/2022		✓	✓	
2020		✓	✓	
2019		✓	✓	
2018		✓		

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Recent Articles

Investigating the Level of Influence of Geophysical and Solar Parameters in Ionospheric Responses over Low and Equatorial Latitude Africa
2026-10-12
Authors: D. C. Obiegbuna, P. O. Orji, O. Ikani et al.
DOI: 10.1134/s0016793226600372

Prediction of VTEC Based on NavIC/GPS Data by Using Machine Learning Algorithms and Comparison with IRI Models
2026-9-11 Vol. 66 Issue 7 Pages 252-261
Authors: R. Mukesh, T. Senthilkumaran, A. Muruganandham et al.
DOI: 10.1134/s0016793226600293

PRN-Wise Investigation of Storm-Time GNSS S4 Scintillations and Wave-Like Ionospheric Structures over Agra during Solar Cycle 25
2026-9-11 Vol. 66 Issue 5 Pages 147-161
Authors: Dhananjali Singh, Vijay Janyani, Rajendra Prasad Yadav et al.
DOI: 10.1134/s0016793226600189

Predicting the Magnitude of Upcoming Powerful Earthquakes by Integrating LAI Anomalies Gathered by Remote Sensing Satellites: The Case of Kamchatka-Russia Earthquake (July 29, 2025; Mw = 8.8)
2026-9-11 Vol. 66 Issue 6 Pages 195-222
Authors: Mehdi Akhoondzadeh
DOI: 10.1134/s0016793225600213

Impact of F10.7 Flux and Proton Intensity on Delayed Ionospheric TEC Responses at Low Latitudes during Geomagnetic Storms across Solar Cycles 23–25
2026-9-11 Vol. 66 Issue 5 Pages 162-180
Authors: H. S. Mohamed, Sampad Kumar Panda, O. M. Shalabiea et al.
DOI: 10.1134/s0016793226600207

Multi-Latitudinal PRN-Based GNSS-TEC Analysis of Ionospheric Perturbations during the 21 August 2017 Solar Eclipse
2026-9-11 Vol. 66 Issue 7 Pages 241-251
Authors: Devbrat Pundhir, Ashok Kumar
DOI: 10.1134/s0016793226600165

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2026-9-11 Vol. 66 Issue 5 Pages 181-194
Authors: Solomon Degefa Robi, Chigomezyo M. Ngwira, Teshome Dugassa Feyissa
DOI: 10.1134/s0016793226600220

MLP-Based FPGA Model for Ionospheric TEC Prediction over a Low-Latitude Region during G3 and G4 Geomagnetic Storms that Occurred in 2026 and Comparison with IRI-2020 Model
2026-9-11 Vol. 66 Issue 6 Pages 223-239
Authors: J. Eindhumathy, C. Vennila, R. Mukesh et al.
DOI: 10.1134/s0016793226600311

Multi Frequency Analysis of Solar Radio Burst on 28 August 2022 and Its Impact on GPS Signals and Positioning Accuracy
2026-7-29 Vol. 66 Issue 4 Pages 133-145
Authors: G. Venkata Ramana, M. Sridhar, R. Lakshmi Namratha et al.
DOI: 10.1134/s0016793226600219

Ionospheric Storms as a Hazard to Aircraft: A Comprehensive Analysis of Risks for Navigation, Communication, and Surveillance
2026-7-29 Vol. 66 Issue 4 Pages 123-132
Authors: K. A. Ivanova
DOI: 10.1134/s0016793226600281