

**THE RELATIONSHIP BETWEEN DAILY GEOMAGNETIC FIELD
VARIATIONS AND THE IONOSPHERIC E-LAYER DYNAMO**

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The magnetic field components generated by the ionospheric dynamo current have been calculated. The ionospheric parameters required for calculations were obtained from the International Reference Ionosphere (IRI) model. Daily and seasonal variations of magnetic field components have been examined separately for maximum and minimum sunspot number. The results were compared with the magnetic field components those measured at the Kandilli magnetic observatory.