A new lightning density product was demonstrated at the Ocean Prediction Center (OPC) during summer 2013. The National Environmental Satellite, Data, and Information Service (NESDIS) and OPC developed this product as part of the Geostationary Operational Environmental Satellite R-Series (GOES-R) Proving Ground (PG) efforts, using data from Vaisala’s Global Lightning Dataset (GLD360). The project aimed to introduce forecasters to a continental (ocean basin) scale lightning intensity product to prepare them for the planned GOES-R Geostationary Lightning Mapper (GLM). The project also sought to improve the OPC’s ability to evaluate offshore convection, and to incorporate forecaster feedback to improve the flash density product prior to wider distribution. This presentation describes the development of the lightning density product and related training materials, the forecasters’ experiences with the product, and benefits of the project for the GOES-R PG efforts.