

## ***Interactive comment on “Lightning fatalities and injuries in Turkey” by Ş. Tilev-Tanrioer et al.***

**Anonymous Referee #3**

Received and published: 23 June 2015

I have reviewed the manuscript "Lightning fatalities and injuries in Turkey" by Tilev-Tanrioer et al. I find the manuscript well-written, scientifically meritorious, and acceptable for publications as it is. I do not have any specific comments, however, I just mention some points for possible further considerations and examinations:

1. For the lightning location data you have used the Vaisala GLD360. You could have mentioned a reference for the technical issues of the system, and also a citation for some other studies (e.g. climatological) made with that data.

Some related interesting publications: Technical: Said, R.K., U.S. Inan, and K.L. Cummins (2010), Long-range lightning geolocation using a VLF radio atmospheric wave-form bank, J. Geophys. Res., 115, D23108, doi:10.1029/2010JD013863.

Said, R.K., M.B. Cohen, and U.S. Inan (2013), Highly intense lightning over the oceans:

C1062

Estimated peak currents from global GLD360 observations, J. Geophys. Res. Atmos., 118, 6905–6915, doi:10.1002/jgrd.50508.

Climatology and lightning casualties: Mäkelä, A., Shrestha, R., and Karki, R. (2014), Thunderstorm characteristics in Nepal during the pre-monsoon season 2012. Atmospheric Research, Volume 137, 91-99.

2. Thunderstorm days can be calculated also from the lightning location data. If done so, it would have been interesting to know how that result corresponds to that based on the observations on the Turkish weather stations.

---

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., 3, 1889, 2015.

C1063