

Using MSG and radar data to characterize severe convective storms over East Mediterranean sea and Israel

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Convective storms over East Mediterranean sea and Israel were tracked by MSG and weather radar. The MSG data was used to retrieve the microphysical properties of cloud tops, cloud base temperature, cloud top temperature, and the temperature of onset of precipitation. The storm intensity was determined by the radar. Using the combination of radar and satellite data allows us to characterize severe convective storms over sea and land.