



Photospheric magnetic flux changes in CME source regions

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We present an analysis of the magnetic evolution of source regions of CMEs. The CMEs as observed with SoHO/LASCO were traced back onto the solar surface and EIT EUV images were used to identify the sources. From MDI magnetograms we determine the changes in photospheric magnetic flux. In most of the CME source regions we can find small-scale flux changes before the event, usually flux emergence and/or flux disappearance. Only about 13% of the events do not show any clear signature of photospheric flux changes.