



**Figure 4.5** Effects of Northern Hemispheric warming as reflected in the winter European mean sea level pressure (in hPa). Panel (a) is the difference between the warmest (1934-53) and the coldest (1901-20) sequence of twenty years prior to 1970. Panel (b) shows the trend between 1961 and 1990 in hPa/(30 years). Grey contours and stippled regions indicate negative pressure anomalies for warm episodes. Redrawn after Palutikof, Wigley and Lough (1984) and Schönwiese et al. (1994). Data are averaged over the period December to February.