We have improved daily high-resolution gridded precipitation data (0.25° × 0.25° lat./long.) over Iran (20°-45° N, 40°-65° E) using 200 high quality synoptic station data of I. R. of Iran Meteorological Organization (IRIMO) for 56 years (1951-2006) (hereafter Iran-Synoptic ver. 0902 (IS0902)). The algorithm of making gridded rainfall data is based on Yatagai et al. (2008) which 337 monthly precipitation data has been applied to make climatology in the interpolation process over Iran (hereafter Middle East ver. 0804 (ME0804)) and the interpolation method is based on the Shepard (1968). Annual, seasonal and monthly spatial precipitation of IS0902 have been compared with those of ME0804 and Global Precipitation Climatological Centre monitoring products (GPCC). The comparison of IS0902 with ME0804 and GPCC during (1986-2001) showed remarkable changes in quantity of precipitation as well as precipitation pattern. Time series of monthly areal average of number of observation shows good accordance in fluctuation pattern between ME0804 and GPCC but number of observations in IS0902 is mostly higher compared with ME0804 and GPCC. The maximum of mean annual average of gridded precipitation data in IS0902, ME0804, GPCC are 4 (mm/day), 2.5 (mm/day), 3.5 (mm/day) respectively. The Precipitation Pattern in southern part of Caspian Sea (PPCS) and Precipitation Pattern along Zagros Mountain (PPZM) in IS0902, ME0804, GPCC are demonstrated completely, partly, half respectively. Time series of monthly areal average of precipitation in IS0902, ME0804, and GPCC during (1990-2001) shows very good accordance in patterns in IS0902, ME0804, and GPCC.