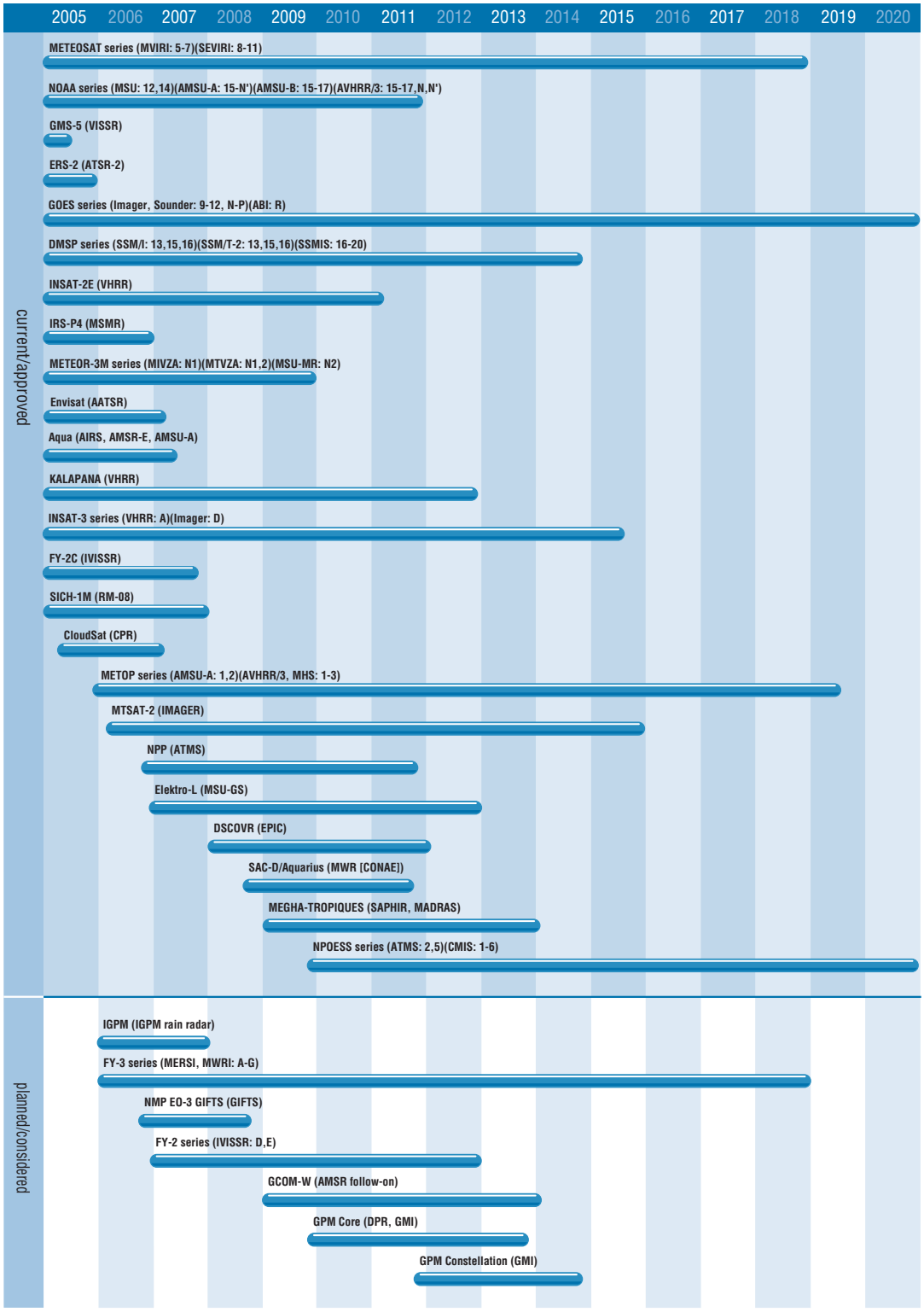Liquid water and precipitation rate