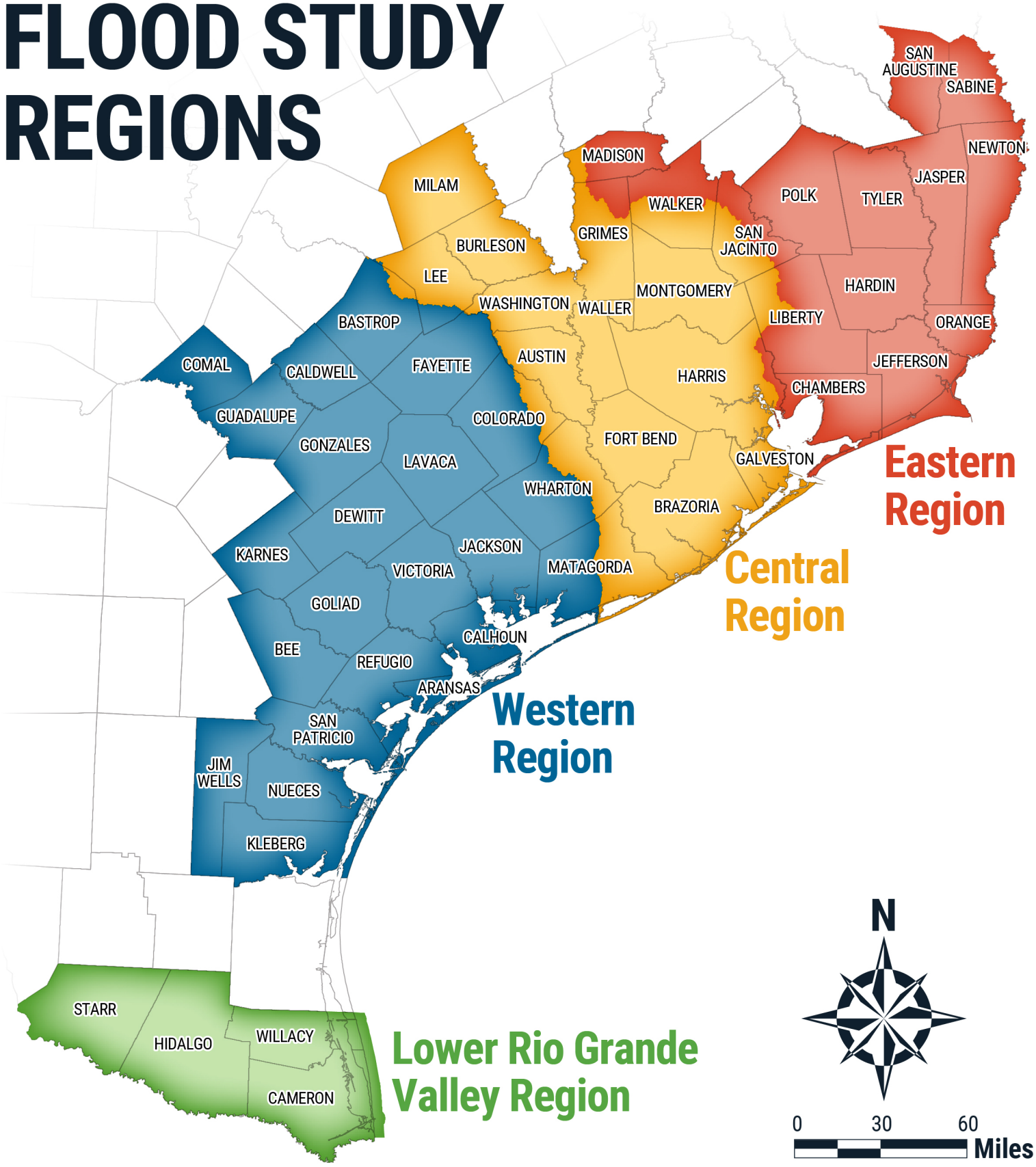FLOOD STUDY REGIONS