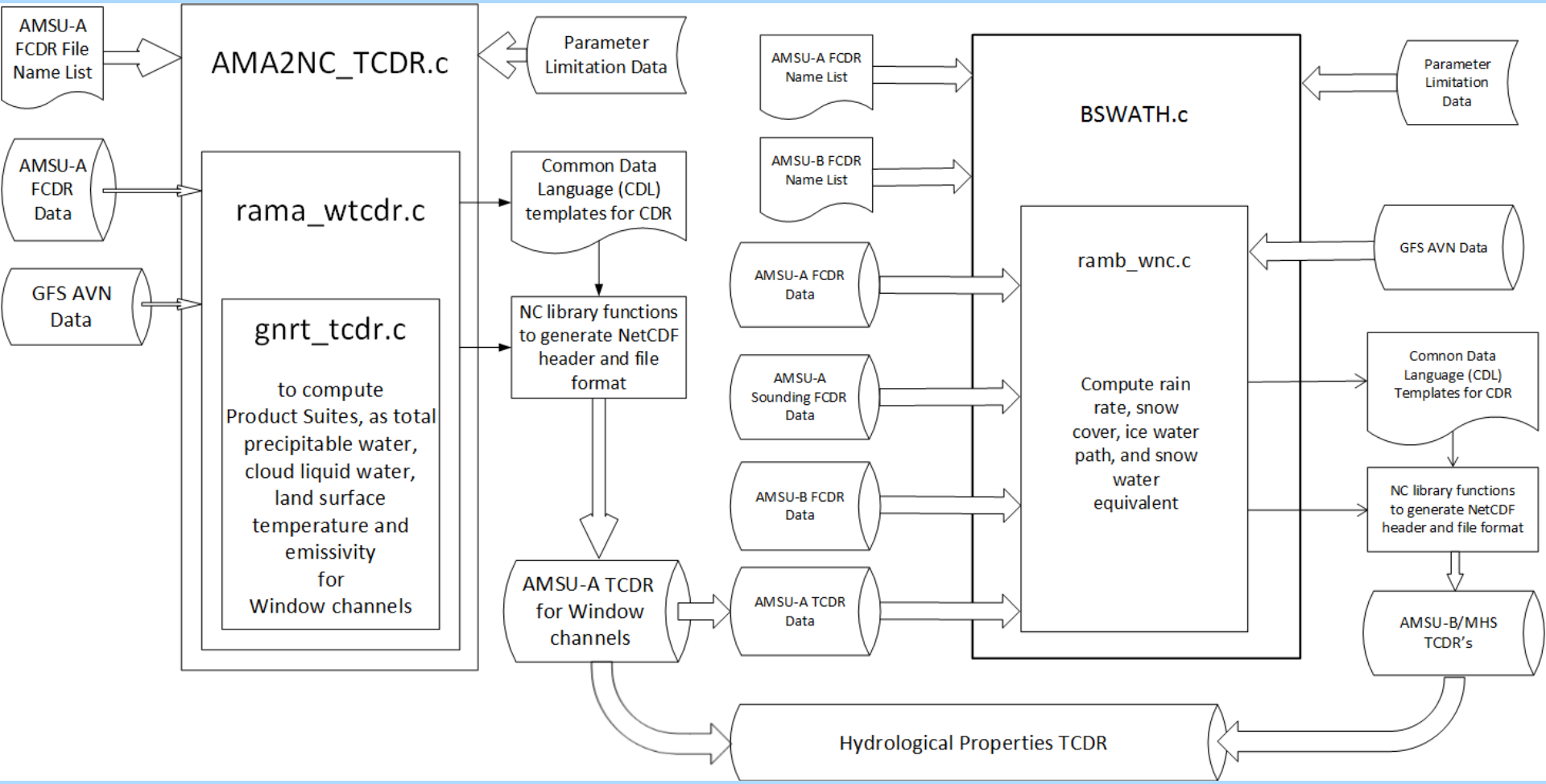Hydrological Properties TCDR