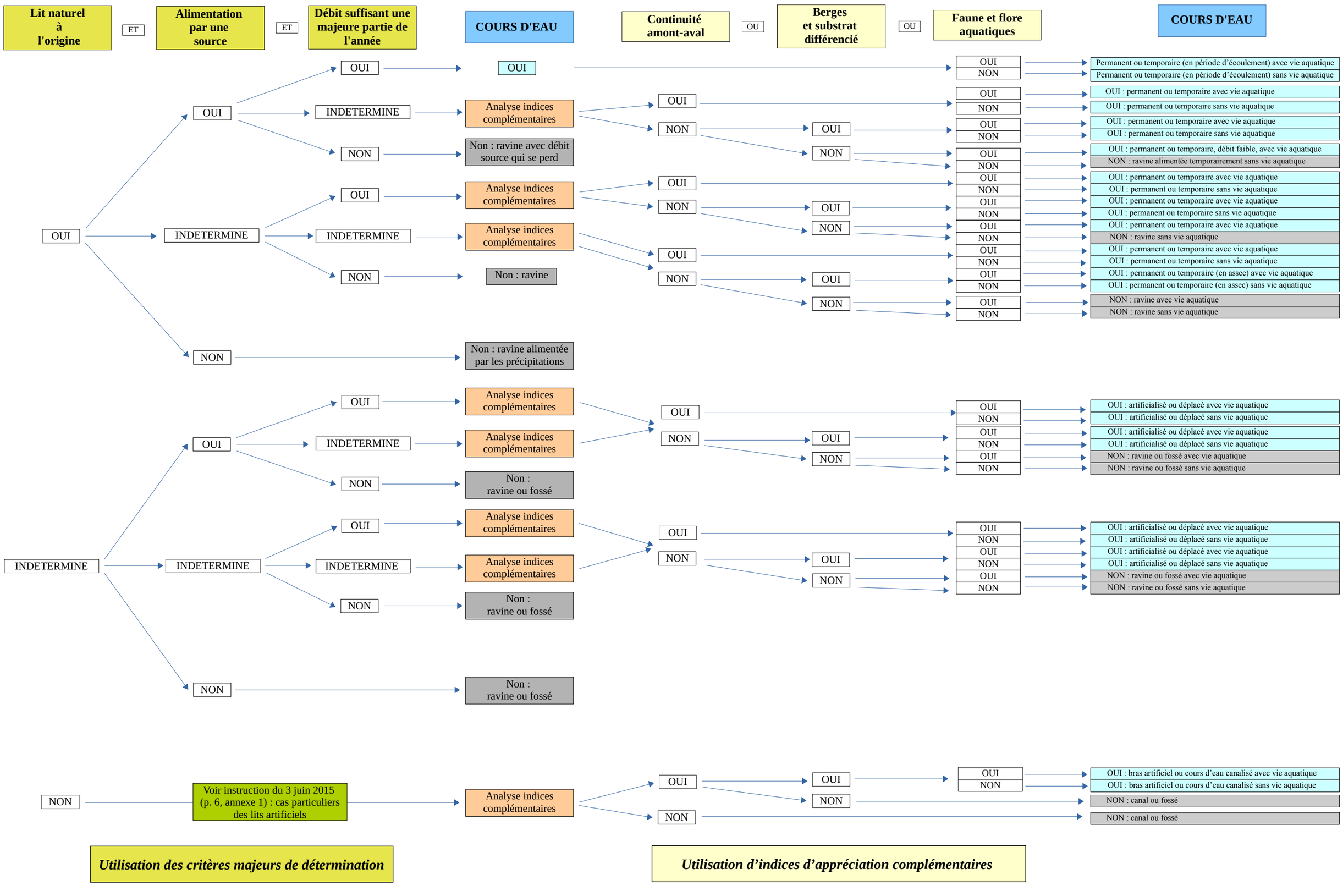logigramme d'interprétation des écoulements