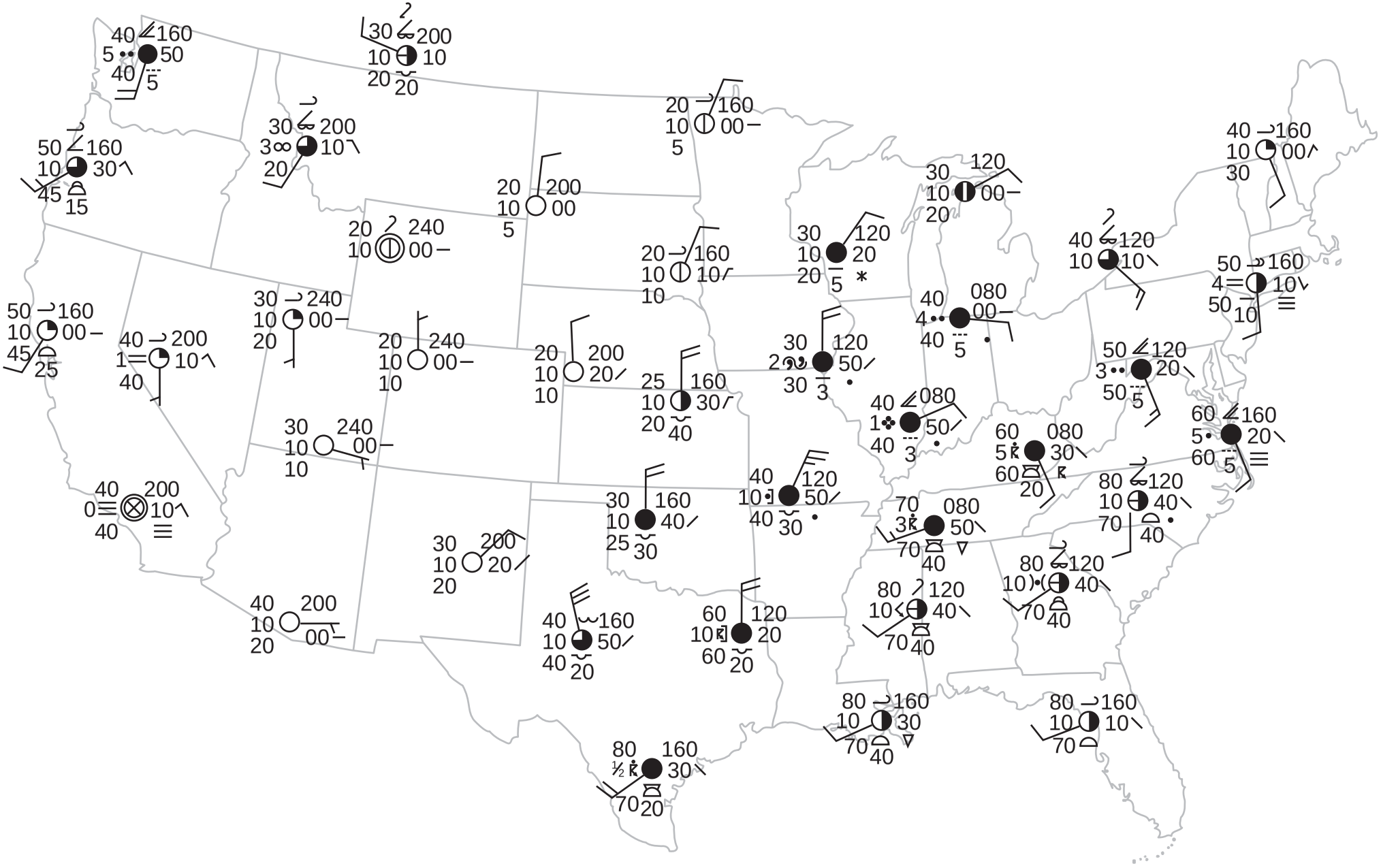Surface Observation Map