

Increasing soil zone
water storage

The diagram illustrates the relationship between soil water storage and various thresholds. A vertical axis on the left, labeled 'Increasing soil zone water storage', points upwards. Three horizontal layers represent different soil zones, each with a specific threshold below it. The top layer is the 'Preferential flow reservoir' (light blue), bounded by the 'Saturation threshold' above and the 'Preferential flow threshold' below. The middle layer is the 'Gravity reservoir' (medium blue), bounded by the 'Preferential flow threshold' above and the 'Field capacity threshold' below. The bottom layer is the 'Capillary reservoir' (lightest blue), bounded by the 'Field capacity threshold' above and the 'Wilting threshold' below. An arrow points from the 'Gravity reservoir' to the right, labeled 'To MODFLOW'.

Saturation threshold

**Preferential flow
reservoir**

Preferential flow threshold

Gravity reservoir

Field capacity threshold

Capillary reservoir

Wilting threshold

To MODFLOW