

Phosphate is a salt or ester of phosphoric acid.

Minable deposits of phosphate occur on both the north and south flanks of the eastern Uinta Mountains. The best deposits are located near Flaming Gorge and Vernal.

The Vernal Field is the most attractive. Extensive areas of relatively high grade deposits occur at or near the surface. Surface and near-surface outcrops of the phosphatic Meade Peak Member of the Permian Park City Formation, exist along the south-facing slopes of the Uintas, from Dry Fork to Split Mountain. The best quality deposits are located between Ashley Creek and the west edge of Diamond Mountain Plateau, just east of Little Brush Creek.