

## HYDROGRAPHY.

The Conemaugh river flows along the entire south end of the county from east to west. The west branch of the Susquehanna river touches the county on the northeast. Some of the spurs of the Allegheny mountain runs into the county on the northeast. The Laurel Hill on the East and the Chestnut Ridge entering on the south and running a northerly direction about half the length of the county.

The dividing ridge or water shed in the northwestern part of the county, divides the waters of the Susquehanna that flow into the Chesapeake bay, from the streams emptying into the Conemaugh and Allegheny, flowing southwesterly into the Gulf of Mexico. The lowest part of this water-shed is over 1,300 feet above tide. The county is well watered by numerous small streams and creeks. The largest of them is Black Lick, Yellow creek, Two Lick and Blacklegs, emptying into the Conemaugh. Crooked creek, Plum creek, Little Mahoning and Canor into the Allegheny. Cushion and Cush-Cush into the Susquehanna.

The creeks average from thirty to forty feet in width; those emptying in the Conemaugh run west, those into the Allegheny northwest, and those into the Susquehanna east. The bottom lands are narrow, probably not averaging over one-fourth of a mile in width.

The streams flowing into the Conemaugh, have a fall of from twenty to thirty feet to the mile; those flowing into the Allegheny, from ten to fifteen feet to the mile, and those into the Susquehanna, from thirty-five to forty feet to the mile. Inundations are very rare. Owing to the rolling character of the surface, and the numerous small streams running nearly every point of the compass, there is very little marsh land, occasionally we see a spot of a few acres. The western division of the Pennsylvania Canal passes through the Conemaugh valley, the amount of lockage is about 250 feet.