

in the midst of the Alleghanies, and elsewhere, seems to shew, that volcanic operations are going on, in a covert and languid manner, underneath certain parts of that range.

To these operations, acting formerly with greater intensity, may perhaps be attributed, the uplifting of the chain itself, as well as the vertical and disturbed condition of the strata round about the anticlinal line; whereas, at present, the same forces only manifest their existence, by imparting a higher temperature to a few of the springs which burst out at this point, and possibly also, by causing the emission of those volumes, of sulphuretted hydrogen, and of carbonic acid, which impregnate others within a certain distance of this axis of elevation.