

may be said to be its extreme point on the west, except a few outlying masses, south of a line from the latter place to Marlborough in Wiltshire. Turning south from a little on the west of Hungerford, to the foot of the chalk hills, it passes east by Kingsclere, Basingstoke, and Odiham in Hants, and Guildford in Surrey ; thence rather in a north-easterly direction a little to the south of Croydon, it continues to skirt the foot of the chalk hills by Farnborough and Chatham in Kent, and thence by Milton and Ospringe to the foot of Boughton hill, where it divides, passing on the one hand in a north-easterly direction, it skirts the London clay to Whitstable on the coast, and on the other nearly east to Canterbury (which stands on the beds of this formation,) to the coast of the Reculver ; whence again it passes to the south-west, except where marshy lands intervene, by Sandwich, which is built upon it, a little to the south of Deal.

In all this tract, the breadth of the surface occupied by the beds of this formation is not very considerable, scarcely exceeding four or five miles, except near its extreme point on the west ; where it may be said to occupy a surface of 20 miles in length, on the north of the chalk range extending from Basingstoke to beyond Inkpen beacon, and 10 miles broad on the average. On the south of Woolwich, the tract also is considerable.

This formation likewise overlies a part of the chalk in Dorsetshire, Hampshire, and Sussex, included in the Isle of Wight basin. It there also skirts the London or Blue clay, and lies beneath the considerable tract of that clay on which Lymington and Portsmouth are built, and which occupies a large area surrounding them. The northernmost point in which the beds of this formation appear in this basin is Houghton hill, about 10 miles on the west of Salisbury in Wiltshire, except that it constitutes Chidbury hill and a few other outlying patches on the north-west. From Houghton hill it passes eastward, south of a line by Bishopstoke and Bishops Waltham over Bere forest, which consists of it, to Arundel in Sussex, which it touches on the south, quite to the western extremity of Brighthelmstone ; at which place it terminates, except an outlying portion of it occupying the summit of the chalk cliff on each side of Newhaven harbour. From Houghton hill it passes in a direct line westward towards Salisbury, within about a mile of which place it turns south to Fordingbridge in Hampshire, and thence in a south-easterly direction by Cranbourne and Bere Regis to within two or three miles of the north-east of Dorchester in Dorsetshire, which is its extreme point on the west, except that it covers the summits of two or three chalk hills on the south-west of it. From near Dorchester it turns eastward