**River Misbourne**

* The River Misbourne rises in a field on the outskirts of [Great Missenden](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Great_Missenden&rurl=translate.google.nl&usg=ALkJrhghYTw7QhF8UJiM1ekMybibi5NIGw) , [Buckinghamshire](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Buckinghamshire&rurl=translate.google.nl&usg=ALkJrhi4WeFJSKo1mH0G8-wftSVJl_Qjpw) , and flows down the Misbourne valley to join the [River Colne](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/River_Colne,_Hertfordshire&rurl=translate.google.nl&usg=ALkJrhgQ4aQBNc7dOWJKfk6pdr894nBKyQ) just north of where the latter is crossed by the [A40](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/A40_road&rurl=translate.google.nl&usg=ALkJrhiMq3GHQN5wbZnXwQ4sTqd-xvCQ5A) Western Avenue.De rivier ontspringt in Misbourne een veld aan de rand van [Great Missenden](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Great_Missenden&rurl=translate.google.nl&usg=ALkJrhghYTw7QhF8UJiM1ekMybibi5NIGw) , [Buckinghamshire](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Buckinghamshire&rurl=translate.google.nl&usg=ALkJrhi4WeFJSKo1mH0G8-wftSVJl_Qjpw) , en naar beneden stroomt Misbourne de vallei naar de join [rivier de Colne](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/River_Colne,_Hertfordshire&rurl=translate.google.nl&usg=ALkJrhgQ4aQBNc7dOWJKfk6pdr894nBKyQ) net ten noorden van de plaats waar deze wordt doorkruist door de [A40](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/A40_road&rurl=translate.google.nl&usg=ALkJrhiMq3GHQN5wbZnXwQ4sTqd-xvCQ5A) West Avenue.
* It passes through [Little Missenden](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Little_Missenden&rurl=translate.google.nl&usg=ALkJrhhaAesK296Iixd0JoXKMrYyUkd8jQ) , Old [Amersham](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Amersham&rurl=translate.google.nl&usg=ALkJrhja65I7SWBC1bgpQuhGWIUpoRiaOw) , [Chalfont St Giles](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Chalfont_St_Giles&rurl=translate.google.nl&usg=ALkJrhjNzr7ksqy6oJ2MCQR5uIZfElmuhA) and [Chalfont St Peter](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Chalfont_St_Peter&rurl=translate.google.nl&usg=ALkJrhiv2s1nOqiSt2LJkl-s45R-4_5rog) , and under the [Chiltern railway line](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Chiltern_Main_Line&rurl=translate.google.nl&usg=ALkJrhjvFVlnjckmyi_Hb7zg8Cgr7WxmPw) and the [M25](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/M25_motorway&rurl=translate.google.nl&usg=ALkJrhjVh5iaC3Qvm0aisuHDWHwx-FQu4w) on its way down the valley.Het loopt door [Little Missenden](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Little_Missenden&rurl=translate.google.nl&usg=ALkJrhhaAesK296Iixd0JoXKMrYyUkd8jQ) , Old [Amersham](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Amersham&rurl=translate.google.nl&usg=ALkJrhja65I7SWBC1bgpQuhGWIUpoRiaOw) , [Chalfont St Giles](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Chalfont_St_Giles&rurl=translate.google.nl&usg=ALkJrhjNzr7ksqy6oJ2MCQR5uIZfElmuhA) en [Chalfont St Peter](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Chalfont_St_Peter&rurl=translate.google.nl&usg=ALkJrhiv2s1nOqiSt2LJkl-s45R-4_5rog) , en onder de [Chiltern spoorlijn](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Chiltern_Main_Line&rurl=translate.google.nl&usg=ALkJrhjvFVlnjckmyi_Hb7zg8Cgr7WxmPw) en de [M25](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/M25_motorway&rurl=translate.google.nl&usg=ALkJrhjVh5iaC3Qvm0aisuHDWHwx-FQu4w) op zijn weg naar beneden de vallei. It has for some years suffered from reduced or no flow because of abstraction for supply from the [aquifers](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Aquifer&rurl=translate.google.nl&usg=ALkJrhhLHgxSea7nsibj-MhfGzzf0jaVfA) feeding it.
* Het heeft enige jaren geleden van verminderde of geen doorstroming, omdat van abstractie voor de levering van de [watervoerende lagen](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Aquifer&rurl=translate.google.nl&usg=ALkJrhhLHgxSea7nsibj-MhfGzzf0jaVfA) voederen. The low flow caused its course to be neglected or partially obstructed, so when the water companies undertook remedial measures which restored the flow there were episodes of flooding in Chalfont St Peter and Chalfont St Giles village centres.
* De lage stroomsnelheid veroorzaakt zijn koers te worden verwaarloosd of gedeeltelijk verstopt, dus toen het water bedrijven remediërende maatregelen, die de stroom hersteld waren er afleveringen van de overstromingen in Chalfont St Peter en St Giles Chalfont dorpskernen toegezegd. Later work has restored the integrity of the course, and no floods have occurred since then.
* Later werk is hersteld van de integriteit van de cursus, en er geen overstromingen zich sindsdien hebben voorgedaan.
* The river is a 'perch' stream, flowing over a bed of impermeable material on top of a porous substrate.De rivier is een 'stok' stream, stroomt over een bed van ondoordringbaar materiaal op de top van een poreuze ondergrond. This state is only quasi-stable, since in periods of low rainfall the water table drops below the level of the impermeable layer.
* Deze status is slechts quasi-stabiel, omdat in periodes van geringe regenval de grondwaterspiegel daalt onder het niveau van de ondoordringbare laag. If ground works are then carried out which damage this layer, the river can sink into the porous substrate and disappear.
* Als de grond werken worden dan uitgevoerd welke schade deze laag, de rivier kan wegzakken in de poreuze ondergrond en verdwijnen.
* The upper part of the river was dry for over 3 years starting in November 2003 but re-appeared in February 2007 following several months of above-average rainfall which raised the water table. [[ 1 ]](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/River_Misbourne&rurl=translate.google.nl&usg=ALkJrhjd6D33LXWbk9UVl-9wGLF9WlYk4w#cite_note-0)Het bovenste deel van de rivier was droog meer dan 3 jaar te beginnen in november 2003, maar opnieuw verscheen in februari 2007 na enkele maanden van bovengemiddelde neerslag die tabel verhoogd het water.