**River Camel**

* The River Camel ( [Cornish](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Cornish_language&rurl=translate.google.nl&usg=ALkJrhhc8H0qlu3l5lnEvI3nQjJWWDYB3Q) : Dowr Camel ) is a river in [Cornwall](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Cornwall&rurl=translate.google.nl&usg=ALkJrhgTLVX1kTBhWY6OeYexi_RE4e9d5Q) , [UK](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/United_Kingdom&rurl=translate.google.nl&usg=ALkJrhi-1vCheVqzTIY6Yovtvv09JnxnKQ) .De rivier de Camel ( [Cornisch](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Cornish_language&rurl=translate.google.nl&usg=ALkJrhhc8H0qlu3l5lnEvI3nQjJWWDYB3Q) : Dowr Camel) is een rivier in [Cornwall](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Cornwall&rurl=translate.google.nl&usg=ALkJrhgTLVX1kTBhWY6OeYexi_RE4e9d5Q) , [Verenigd Koninkrijk](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/United_Kingdom&rurl=translate.google.nl&usg=ALkJrhi-1vCheVqzTIY6Yovtvv09JnxnKQ) . It [rises](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Source_(river)&rurl=translate.google.nl&usg=ALkJrhgvrylKcVf66uu4AOisusv4v_uGDw) on the edge of [Bodmin Moor](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Bodmin_Moor&rurl=translate.google.nl&usg=ALkJrhj01jzFAVyUJXAqr7fNO3oJJZK01Q) and together with its tributaries drains a considerable part of North [Cornwall](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Cornwall&rurl=translate.google.nl&usg=ALkJrhgTLVX1kTBhWY6OeYexi_RE4e9d5Q) .
* Zij [stijgt](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Source_(river)&rurl=translate.google.nl&usg=ALkJrhgvrylKcVf66uu4AOisusv4v_uGDw) op de rand van [Bodmin Moor](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Bodmin_Moor&rurl=translate.google.nl&usg=ALkJrhj01jzFAVyUJXAqr7fNO3oJJZK01Q) en samen met haar zijrivieren het riool een groot deel van Noord- [Cornwall](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Cornwall&rurl=translate.google.nl&usg=ALkJrhgTLVX1kTBhWY6OeYexi_RE4e9d5Q) . The river issues into the [Celtic Sea](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Celtic_Sea&rurl=translate.google.nl&usg=ALkJrhjrrVozQFfvASUglUYt8X127TCMgw) area of the [Atlantic Ocean](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Atlantic_Ocean&rurl=translate.google.nl&usg=ALkJrhjnAOV5wijrvfkMiYeFUldlrPjDpQ) between [Stepper Point](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Stepper_Point&rurl=translate.google.nl&usg=ALkJrhh72n-eZRuutlovAMh0n7sQRzD4Bg) and [Pentire Point](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Pentire_Point&rurl=translate.google.nl&usg=ALkJrhg3r5gF-5H3ENRXQYOLnXlw94tduQ) having covered a distance of approximately 30 miles.
* De rivier kwesties in de [Keltische Zee](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Celtic_Sea&rurl=translate.google.nl&usg=ALkJrhjrrVozQFfvASUglUYt8X127TCMgw) gebied van de [Atlantische Oceaan](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Atlantic_Ocean&rurl=translate.google.nl&usg=ALkJrhjnAOV5wijrvfkMiYeFUldlrPjDpQ) tussen [Stepper Point](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Stepper_Point&rurl=translate.google.nl&usg=ALkJrhh72n-eZRuutlovAMh0n7sQRzD4Bg) en [Point Pentire](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Pentire_Point&rurl=translate.google.nl&usg=ALkJrhg3r5gF-5H3ENRXQYOLnXlw94tduQ) met een afstand van ongeveer 30 mijl. The river is [tidal](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Tidal&rurl=translate.google.nl&usg=ALkJrhhFqIfhyuhxjPUWEdxSX2uLZ9IZAg) as far upstream as [Egloshayle](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Egloshayle&rurl=translate.google.nl&usg=ALkJrhi-c_1A5BRPx_jZtlwLhfw48KvAag) and is popular for [sailing](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Sailing&rurl=translate.google.nl&usg=ALkJrhjkSCuJAsqF4LJ3O4ZAcz_WUVVmbw) , [birdwatching](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Birdwatching&rurl=translate.google.nl&usg=ALkJrhhgcIgrQcaAvnYh_7aDrfK3q0hyjQ) and [fishing](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Fishing&rurl=translate.google.nl&usg=ALkJrhhYOyCyuPw1KxmZyHXegIqAb-L0dQ) .
* De rivier is [getijdenenergie](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Tidal&rurl=translate.google.nl&usg=ALkJrhhFqIfhyuhxjPUWEdxSX2uLZ9IZAg) zo vroeg [Egloshayle](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Egloshayle&rurl=translate.google.nl&usg=ALkJrhi-c_1A5BRPx_jZtlwLhfw48KvAag) en is populair voor [zeilen](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Sailing&rurl=translate.google.nl&usg=ALkJrhjkSCuJAsqF4LJ3O4ZAcz_WUVVmbw) , [vogels](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Birdwatching&rurl=translate.google.nl&usg=ALkJrhhgcIgrQcaAvnYh_7aDrfK3q0hyjQ) en [vissen](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Fishing&rurl=translate.google.nl&usg=ALkJrhhYOyCyuPw1KxmZyHXegIqAb-L0dQ) . The name Camel derives from the [Cornish language](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Cornish_language&rurl=translate.google.nl&usg=ALkJrhhc8H0qlu3l5lnEvI3nQjJWWDYB3Q) for 'the crooked one', a reference to its winding course [[ 1 ]](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/River_Camel&rurl=translate.google.nl&usg=ALkJrhggZXYq6cekOBopLubQ1BYxjA6W5A#cite_note-0) .
* De naam is afgeleid van het Camel [Cornish taal](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Cornish_language&rurl=translate.google.nl&usg=ALkJrhhc8H0qlu3l5lnEvI3nQjJWWDYB3Q) voor 'de scheve one', een verwijzing naar haar kronkelende loop .

**[** [**edit**](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/w/index.php%3Ftitle%3DRiver_Camel%26action%3Dedit%26section%3D1&rurl=translate.google.nl&usg=ALkJrhgOOpKNpw7aFgSj4iPYsEQ0bmXa4A) **] Geology and hydrologyGeologie en hydrologie**

* The River Camel rises on Hendraburnick Down (UK Grid Reference SX135875) on the edge of [Bodmin Moor](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Bodmin_Moor&rurl=translate.google.nl&usg=ALkJrhj01jzFAVyUJXAqr7fNO3oJJZK01Q) , an area which forms part of the [granite](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Granite&rurl=translate.google.nl&usg=ALkJrhhRYlLYNYsHim3Twdl13jPlxoTnMA) spine of Cornwall.De rivier ontspringt op Camel Hendraburnick Down aan de rand van [Bodmin Moor](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Bodmin_Moor&rurl=translate.google.nl&usg=ALkJrhj01jzFAVyUJXAqr7fNO3oJJZK01Q) , een gebied dat deel uitmaakt van het [graniet](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Granite&rurl=translate.google.nl&usg=ALkJrhhRYlLYNYsHim3Twdl13jPlxoTnMA) ruggengraat van Cornwall. The river's course is then through upper and middle [Devonian](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Devonian&rurl=translate.google.nl&usg=ALkJrhgB0f9it7p0iwm87a2ymh23PqQ5pQ) rocks, predominantly slates such as Upper Delabole Slates, Trevose Slates and Polzeath Slates.
* Loop van de rivier wordt dan door middel van boven-en middenloop [Devoon](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Devonian&rurl=translate.google.nl&usg=ALkJrhgB0f9it7p0iwm87a2ymh23PqQ5pQ) rotsen, overwegend leien zoals Upper Delabole leien, leien en Trevose Polzeath leien. These stretch right to the coast, although Pentire head is composed mainly of [pillow lavas](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Pillow_lavas&rurl=translate.google.nl&usg=ALkJrhjFsc6-0XsvKycdijQ0AOwQ7QuzEQ) [[ 2 ]](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/River_Camel&rurl=translate.google.nl&usg=ALkJrhggZXYq6cekOBopLubQ1BYxjA6W5A#cite_note-1) .
* Deze strekken recht op de kust, hoewel Pentire hoofd is van gecomponeerde vooral [kussen lava](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Pillow_lavas&rurl=translate.google.nl&usg=ALkJrhjFsc6-0XsvKycdijQ0AOwQ7QuzEQ).
* De enige actieve steengroeve in de rivier de Camel stroomgebied is [Delabole](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Delabole&rurl=translate.google.nl&usg=ALkJrhjVcQzNx4tv3Gj3lV6C74QH5K-IMw) Quarry
* Hoewel er voor de mijnbouw [lood](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Lead&rurl=translate.google.nl&usg=ALkJrhg_01xVJxCvanGJxziHzf0ZKXzDBA) en [antimoon](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Antimony&rurl=translate.google.nl&usg=ALkJrhjmIH1na6jCMhM2GEF3JGfMG0KTaA) op [Pentire hoofd](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Pentire_Head&rurl=translate.google.nl&usg=ALkJrhj1kAeF6ZnAOOjGNMSLYNT8gk1kow) , evenals bouwsteen op verschillende locaties. Further inland mines surrounding the Camel and its tributaries produced lead, [copper](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Copper&rurl=translate.google.nl&usg=ALkJrhhUCt7hW0Nu5pJ8DlTNO3aCB86JMQ) and [iron](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Iron&rurl=translate.google.nl&usg=ALkJrhju0xnGttGl2eyjdNi9cWBDweFLwA) , while Mulberry Mine near [Ruthernbridge](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/w/index.php%3Ftitle%3DRuthernbridge%26action%3Dedit%26redlink%3D1&rurl=translate.google.nl&usg=ALkJrhjkLQyo970OvpJdgG5IsQ_NgeTeYQ) also produced [tin](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Tin&rurl=translate.google.nl&usg=ALkJrhiOiKg9gYBYzY0SgKTe83J2xLJQYQ) .
* Verder landinwaarts mijnen rond de Camel en haar zijrivieren geproduceerd lood, [koper](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Copper&rurl=translate.google.nl&usg=ALkJrhhUCt7hW0Nu5pJ8DlTNO3aCB86JMQ) en [ijzer](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Iron&rurl=translate.google.nl&usg=ALkJrhju0xnGttGl2eyjdNi9cWBDweFLwA) , terwijl de buurt van Mine Mulberry [Ruthernbridge](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/w/index.php%3Ftitle%3DRuthernbridge%26action%3Dedit%26redlink%3D1&rurl=translate.google.nl&usg=ALkJrhjkLQyo970OvpJdgG5IsQ_NgeTeYQ) produceerde ook [tin](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Tin&rurl=translate.google.nl&usg=ALkJrhiOiKg9gYBYzY0SgKTe83J2xLJQYQ) .
* The source of the River Camel is at an altitide of 218 metres (715 ft) above sea level [[ 4 ]](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/River_Camel&rurl=translate.google.nl&usg=ALkJrhggZXYq6cekOBopLubQ1BYxjA6W5A#cite_note-Camelandallen-3) and has an average incline of 7m/km [[ 4 ]](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/River_Camel&rurl=translate.google.nl&usg=ALkJrhggZXYq6cekOBopLubQ1BYxjA6W5A#cite_note-Camelandallen-3) .De bron van de rivier de Camel is op een altitide van 218 meter (715 voet) boven zeeniveau en heeft een gemiddelde helling van 7m/km. The upper reaches of the Camel and its tributaries are mainly moorland giving way to woodland and farmland, predominantly livestock [[ 4 ]](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/River_Camel&rurl=translate.google.nl&usg=ALkJrhggZXYq6cekOBopLubQ1BYxjA6W5A#cite_note-Camelandallen-3) .
* De bovenloop van de Camel en haar zijrivieren zijn voornamelijk heidevelden geven manier om bossen en landbouwgrond, voornamelijk vee. This means that 64.8% of the catchment is grassland, with a further 14.8% arable land and 12.9% woodland.
* Dit betekent dat 64,8% van het stroomgebied is grasland, met een verdere 14,8% bouwland en 12,9% bos. Of the remaining 7.4%, 4.5% is urban or built-up areas, 2.7% is mountain, heath and bog and the remainder is inland waters. [[ 5 ]](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/River_Camel&rurl=translate.google.nl&usg=ALkJrhggZXYq6cekOBopLubQ1BYxjA6W5A#cite_note-land_use-4)
* Van de resterende 7,4%, 4,5% is stedelijke of bebouwde gebieden, 2,7% is berg, heide en veen en de rest is de binnenwateren.
* The catchment area of the River Camel covers a total of 413 km² [[ 4 ]](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/River_Camel&rurl=translate.google.nl&usg=ALkJrhggZXYq6cekOBopLubQ1BYxjA6W5A#cite_note-Camelandallen-3) on the western side of [Bodmin Moor](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Bodmin_Moor&rurl=translate.google.nl&usg=ALkJrhj01jzFAVyUJXAqr7fNO3oJJZK01Q) , and is mainly Devonian slates and [granite](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Granite&rurl=translate.google.nl&usg=ALkJrhhRYlLYNYsHim3Twdl13jPlxoTnMA) [[ 6 ]](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/River_Camel&rurl=translate.google.nl&usg=ALkJrhggZXYq6cekOBopLubQ1BYxjA6W5A#cite_note-5) , with some shales and sandstones [[ 4 ]](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/River_Camel&rurl=translate.google.nl&usg=ALkJrhggZXYq6cekOBopLubQ1BYxjA6W5A#cite_note-Camelandallen-3) .Het stroomgebied van de rivier de Camel omvat een totaal van 413 km² aan de westelijke kant van [Bodmin Moor](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Bodmin_Moor&rurl=translate.google.nl&usg=ALkJrhj01jzFAVyUJXAqr7fNO3oJJZK01Q), en is voornamelijk Devoon leien en [granieten](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Granite&rurl=translate.google.nl&usg=ALkJrhhRYlLYNYsHim3Twdl13jPlxoTnMA) , met enkele schalies en zandstenen. Water volumes are affected by the [reservoir](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Crowdy_Reservoir&rurl=translate.google.nl&usg=ALkJrhiSRJLs7ieyhDBD3vqp0bCCwQF_RQ) at Crowdy Marsh, by abstraction of water for public supply, and by effluent from the sewage system around [Bodmin](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Bodmin&rurl=translate.google.nl&usg=ALkJrhi7l7_0wHPY1-obRhY6TEBFuz9TMQ) .