**River Dee (Verenigd Koninkrijk)**

* The River Dee ( [Welsh](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Welsh_language&rurl=translate.google.nl&usg=ALkJrhjJczTaz3U2Y6grgglSbCYA89UUJw) : Afon Dyfrdwy , [Latin](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Latin_language&rurl=translate.google.nl&usg=ALkJrhjB-UiXeVckLkkA-3Z7_tgW7EV2Nw) : Deva Fluvius ) is a 70-mile (110 km) long [river](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/River&rurl=translate.google.nl&usg=ALkJrhhVlNXDxkzEZMTbeybHDqWygujoyA) in the United Kingdom.De River Dee ( [Welsh](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Welsh_language&rurl=translate.google.nl&usg=ALkJrhjJczTaz3U2Y6grgglSbCYA89UUJw) : Afon Dyfrdwy, [Latijns](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Latin_language&rurl=translate.google.nl&usg=ALkJrhjB-UiXeVckLkkA-3Z7_tgW7EV2Nw) : Deva Fluvius) is een 70-mijl (110 km) lange [rivier](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/River&rurl=translate.google.nl&usg=ALkJrhhVlNXDxkzEZMTbeybHDqWygujoyA) in het Verenigd Koninkrijk. It travels through [Wales](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Wales&rurl=translate.google.nl&usg=ALkJrhgKYaX08XWH0E_9TbBV2jtq08ApEg) and [England](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/England&rurl=translate.google.nl&usg=ALkJrhh3lEyubWAREPBjQ2pc3i_vVUMbvg) and also forms part of [the border](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Wales-England_border&rurl=translate.google.nl&usg=ALkJrhgmTRESJdm8wRcd6HQz7XvCV010bQ) between the two countries.
* Het museum reist door [Wales](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Wales&rurl=translate.google.nl&usg=ALkJrhgKYaX08XWH0E_9TbBV2jtq08ApEg) en [Engeland](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/England&rurl=translate.google.nl&usg=ALkJrhh3lEyubWAREPBjQ2pc3i_vVUMbvg) , en ook deel uitmaakt van [de grens](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Wales-England_border&rurl=translate.google.nl&usg=ALkJrhgmTRESJdm8wRcd6HQz7XvCV010bQ) tussen de twee landen.
* The river [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) in [Snowdonia](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Snowdonia&rurl=translate.google.nl&usg=ALkJrhhg3gBcisSMEXoQXbj7h_0mg22yAg) , Wales, flows east via [Chester](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Chester&rurl=translate.google.nl&usg=ALkJrhidpDdDnefyPVFy4n4oRmM2VFwyzg) , England, and discharges to the sea into an estuary between Wales and the [Wirral Peninsula](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Wirral_Peninsula&rurl=translate.google.nl&usg=ALkJrhiR-4VkvhI2YCRp9inqyXJihU5lpw) in England.De rivier [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) in [Snowdonia](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Snowdonia&rurl=translate.google.nl&usg=ALkJrhhg3gBcisSMEXoQXbj7h_0mg22yAg) , Wales, stroomt oostwaarts via [Chester](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Chester&rurl=translate.google.nl&usg=ALkJrhidpDdDnefyPVFy4n4oRmM2VFwyzg) , Engeland en lozingen in de zee in een estuarium tussen Wales en het [schiereiland Wirral](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Wirral_Peninsula&rurl=translate.google.nl&usg=ALkJrhiR-4VkvhI2YCRp9inqyXJihU5lpw) in Engeland.

**[** [**edit**](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/w/index.php%3Ftitle%3DRiver_Dee_(United_Kingdom)%26action%3Dedit%26section%3D1&rurl=translate.google.nl&usg=ALkJrhivrR-Q7JRCvQ0QjsPVArMPtP4tNw) **] StatisticsStatistieken**

* The total [catchment area](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Drainage_basin&rurl=translate.google.nl&usg=ALkJrhhR23PHlsoAr2YsMZabVeEKBuHMyg) of the River Dee up to [Chester Weir](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Chester_Weir&rurl=translate.google.nl&usg=ALkJrhhbJzAyO-yXrvKeo5bkJhoCVKza5g) is 1,816.8 square kilometres (701.5 sq mi) [[ 1 ]](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/River_Dee,_Wales&rurl=translate.google.nl&usg=ALkJrhhXApVtpt9EHw-NCs-VwzEghU80CA#cite_note-0) .Het totale [stroomgebied](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Drainage_basin&rurl=translate.google.nl&usg=ALkJrhhR23PHlsoAr2YsMZabVeEKBuHMyg) van de rivier Dee tot [Chester Weir](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Chester_Weir&rurl=translate.google.nl&usg=ALkJrhhbJzAyO-yXrvKeo5bkJhoCVKza5g) is 1,816.8 vierkante kilometer (701,5 vierkante mijl) .The average rainfall over the catchment is estimated to be 640 millimetres (25 in) yielding an average flow of 37 [m³/s](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Cubic_metre_per_second&rurl=translate.google.nl&usg=ALkJrhiVJ5QdggcooH3_JZ_wy_LP1zXKSg) .
* De gemiddelde neerslag over het stroomgebied wordt geraamd op 640 mm (25 in) hetgeen een gemiddelde debiet van 37 [m³ / s](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Cubic_metre_per_second&rurl=translate.google.nl&usg=ALkJrhiVJ5QdggcooH3_JZ_wy_LP1zXKSg) . The larger [reservoirs](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Reservoir_(water)&rurl=translate.google.nl&usg=ALkJrhhFRopaRMjYYzpQDFQxi8L3SEXv5Q) in the [catchment](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Drainage_basin&rurl=translate.google.nl&usg=ALkJrhhR23PHlsoAr2YsMZabVeEKBuHMyg) are:
* De grotere [reservoirs](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Reservoir_(water)&rurl=translate.google.nl&usg=ALkJrhhFRopaRMjYYzpQDFQxi8L3SEXv5Q) in het [stroomgebied](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Drainage_basin&rurl=translate.google.nl&usg=ALkJrhhR23PHlsoAr2YsMZabVeEKBuHMyg) zijn:
* [Bala Lake ( Llyn Tegid )](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Bala_Lake&rurl=translate.google.nl&usg=ALkJrhhS9F83nn3znxwAs-z5GNTjrZbDpQ) - 400 acres (1.6 km 2 ) [Bala Lake (Llyn Tegid)](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Bala_Lake&rurl=translate.google.nl&usg=ALkJrhhS9F83nn3znxwAs-z5GNTjrZbDpQ) - 400 acres (1,6 km 2)
* [Llyn Brenig](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Llyn_Brenig&rurl=translate.google.nl&usg=ALkJrhhGDeKMlG6UOOryApCNupNwzquqAA) - 370 acres (1.5 km 2 ) [Llyn Brenig](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Llyn_Brenig&rurl=translate.google.nl&usg=ALkJrhhGDeKMlG6UOOryApCNupNwzquqAA) - 370 hectare (1,5 km 2)
* [Llyn Celyn](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Llyn_Celyn&rurl=translate.google.nl&usg=ALkJrhhV12zFXP-DVJHVyBJyQdl5VL7OBQ) - 325 acres (1.32 km 2 ) [Llyn Celyn](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Llyn_Celyn&rurl=translate.google.nl&usg=ALkJrhhV12zFXP-DVJHVyBJyQdl5VL7OBQ) - 325 hectare (1,32 km 2)

**[** [**edit**](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/w/index.php%3Ftitle%3DRiver_Dee_(United_Kingdom)%26action%3Dedit%26section%3D2&rurl=translate.google.nl&usg=ALkJrhixzLeJV0t2eX0rhtl7PwFg7-60jg) **] CatchmentStroomgebieden**

* The River Dee has its source on the slopes of [Dduallt](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Dduallt&rurl=translate.google.nl&usg=ALkJrhjvCe2NrZPfa5DoVwv2ocSXcJLXdw) above [Llanuwchllyn](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Llanuwchllyn&rurl=translate.google.nl&usg=ALkJrhhDQnvxZVWk6igNmSMgsrgpYbTAJQ) in the mountains of [Snowdonia](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Snowdonia&rurl=translate.google.nl&usg=ALkJrhhg3gBcisSMEXoQXbj7h_0mg22yAg) in [Merioneth](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Merionethshire&rurl=translate.google.nl&usg=ALkJrhhh1TWEkPzLcQg40yrvwy8iKKCHUA) , [Gwynedd](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Gwynedd&rurl=translate.google.nl&usg=ALkJrhhsEBV0kCcS2H4n1Z-Bb4QJJNUIvw) , [Wales](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Wales&rurl=translate.google.nl&usg=ALkJrhgKYaX08XWH0E_9TbBV2jtq08ApEg) , and then passes through [Bala Lake](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Bala_Lake&rurl=translate.google.nl&usg=ALkJrhhS9F83nn3znxwAs-z5GNTjrZbDpQ) .De River Dee heeft zijn bron op de hellingen van [Dduallt](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Dduallt&rurl=translate.google.nl&usg=ALkJrhjvCe2NrZPfa5DoVwv2ocSXcJLXdw) boven [Llanuwchllyn](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Llanuwchllyn&rurl=translate.google.nl&usg=ALkJrhhDQnvxZVWk6igNmSMgsrgpYbTAJQ) in de bergen van [Snowdonia](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Snowdonia&rurl=translate.google.nl&usg=ALkJrhhg3gBcisSMEXoQXbj7h_0mg22yAg) in [Merioneth](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Merionethshire&rurl=translate.google.nl&usg=ALkJrhhh1TWEkPzLcQg40yrvwy8iKKCHUA) , [Gwynedd](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Gwynedd&rurl=translate.google.nl&usg=ALkJrhhsEBV0kCcS2H4n1Z-Bb4QJJNUIvw) , [Wales](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Wales&rurl=translate.google.nl&usg=ALkJrhgKYaX08XWH0E_9TbBV2jtq08ApEg) , en gaat dan door [Bala Lake](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Bala_Lake&rurl=translate.google.nl&usg=ALkJrhhS9F83nn3znxwAs-z5GNTjrZbDpQ) . The path of the river trends generally east-south-east as it descends off the [Ordovician](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Ordovician&rurl=translate.google.nl&usg=ALkJrhiSWTkjxxo5eYGFqW64T8fNW4WaBA) [Denbigh Moors](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Mynydd_Hiraethog&rurl=translate.google.nl&usg=ALkJrhhS43Jx2Ug0qjoNWFimCyhNaXwOiA) , over the man-made [Horseshoe Falls](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Horseshoe_Falls,_Wales&rurl=translate.google.nl&usg=ALkJrhg__NabQz_-MHjYltG7tUl3PdbIsA) and through [Llangollen](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Llangollen&rurl=translate.google.nl&usg=ALkJrhhTq025QVrfx79mo53C7i9QUf8fBA) , generally skirting the outcropping [Karstic](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Karst_topography&rurl=translate.google.nl&usg=ALkJrhiympbfiQ6uQklYhc8sm_XZ_mx_wA) [limestone](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Limestone&rurl=translate.google.nl&usg=ALkJrhj2jRwksJ5e8x0E1ngQ7xT2kLCEgQ) exposures north of Llangollen.
* Het pad van de rivier de trends in het algemeen oost-zuid-oosten als het afdaalt uit de [Ordovicium](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Ordovician&rurl=translate.google.nl&usg=ALkJrhiSWTkjxxo5eYGFqW64T8fNW4WaBA) [Denbigh Moors](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Mynydd_Hiraethog&rurl=translate.google.nl&usg=ALkJrhhS43Jx2Ug0qjoNWFimCyhNaXwOiA) , over de man-made [Horseshoe Falls](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Horseshoe_Falls,_Wales&rurl=translate.google.nl&usg=ALkJrhg__NabQz_-MHjYltG7tUl3PdbIsA) en door middel van [Llangollen](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Llangollen&rurl=translate.google.nl&usg=ALkJrhhTq025QVrfx79mo53C7i9QUf8fBA) , in het algemeen plinten de rots [karst](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Karst_topography&rurl=translate.google.nl&usg=ALkJrhiympbfiQ6uQklYhc8sm_XZ_mx_wA) [kalksteen](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Limestone&rurl=translate.google.nl&usg=ALkJrhj2jRwksJ5e8x0E1ngQ7xT2kLCEgQ) posities ten noorden van Llangollen. East of Llangollen, [Thomas Telford's](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Thomas_Telford&rurl=translate.google.nl&usg=ALkJrhiReiCHy2duKI4je8_pZJ38sWylVw) [Pontcysyllte Aqueduct](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Pontcysyllte_Aqueduct&rurl=translate.google.nl&usg=ALkJrhg7CVU_z6clTV8xBBCapaUaxrlEMQ) , of 1805, carries the [Shropshire Union Canal](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Shropshire_Union_Canal&rurl=translate.google.nl&usg=ALkJrhgKjUyBKti2cVPWP4rzF7GspGbL0w) 120-foot (37 m) overhead.
* Ten oosten van Llangollen, [Thomas Telford](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Thomas_Telford&rurl=translate.google.nl&usg=ALkJrhiReiCHy2duKI4je8_pZJ38sWylVw) [Pontcysyllte Aquaduct](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Pontcysyllte_Aqueduct&rurl=translate.google.nl&usg=ALkJrhg7CVU_z6clTV8xBBCapaUaxrlEMQ) , van 1805, draagt de [Shropshire Union Canal](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Shropshire_Union_Canal&rurl=translate.google.nl&usg=ALkJrhgKjUyBKti2cVPWP4rzF7GspGbL0w) 120-voet (37 m) overhead.
* One of the major tributaries of the Dee, the [River Alyn](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/River_Alyn&rurl=translate.google.nl&usg=ALkJrhgMtyknM9VemoDVZ6DF4sGudTLouw) ( Afon Alun ) crosses the [Carboniferous Limestone](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Carboniferous_Limestone&rurl=translate.google.nl&usg=ALkJrhgJEgaTD7gLFTiXgp383NPRKdGW1Q) from [Halkyn Mountain](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/w/index.php%3Ftitle%3DHalkyn_Mountain%26action%3Dedit%26redlink%3D1&rurl=translate.google.nl&usg=ALkJrhhMWJVtvSDdHg1Coe8rHBvDNvZ5EA) and runs down through the [Loggerheads](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Loggerheads,_Denbighshire&rurl=translate.google.nl&usg=ALkJrhixFM-bc1wIQUIfoEI90y2upUxdiQ) area before making its confluence north of [Holt](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Holt,_Wales&rurl=translate.google.nl&usg=ALkJrhgWpQX4kDknSxcRlHWsZxZvGTibNg) .Een van de belangrijkste zijrivieren van de Dee, de [rivier Alyn](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/River_Alyn&rurl=translate.google.nl&usg=ALkJrhgMtyknM9VemoDVZ6DF4sGudTLouw) (Afon Alun) kruist het [Carboon kalksteen](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Carboniferous_Limestone&rurl=translate.google.nl&usg=ALkJrhgJEgaTD7gLFTiXgp383NPRKdGW1Q) uit [Halkyn Mountain](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/w/index.php%3Ftitle%3DHalkyn_Mountain%26action%3Dedit%26redlink%3D1&rurl=translate.google.nl&usg=ALkJrhhMWJVtvSDdHg1Coe8rHBvDNvZ5EA) en loopt naar beneden door de [Loggerheads](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Loggerheads,_Denbighshire&rurl=translate.google.nl&usg=ALkJrhixFM-bc1wIQUIfoEI90y2upUxdiQ) gebied alvorens de samenvloeiing noorden van [Holt](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Holt,_Wales&rurl=translate.google.nl&usg=ALkJrhgWpQX4kDknSxcRlHWsZxZvGTibNg) . Throughout the length of the Alyn there are numerous [swallow holes](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Swallow_hole&rurl=translate.google.nl&usg=ALkJrhjnGmXp1W95W2BxZ8qAwKCQ1gwRXA) and caverns and during the summer months long stretches of the river bed run dry.
* Gedurende de gehele lengte van het Alyn zijn er tal van [grondmeertjes](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Swallow_hole&rurl=translate.google.nl&usg=ALkJrhjnGmXp1W95W2BxZ8qAwKCQ1gwRXA) en grotten en tijdens de zomermaanden lange stukken van de rivierbedding droog. These caves include [Ogof Hesp Alyn](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Ogof_Hesp_Alyn&rurl=translate.google.nl&usg=ALkJrhgNDSmLEfscpgqTPSwb0FxdFP4pFg) and [Ogof Hen Ffynhonnau](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Ogof_Hen_Ffynhonnau&rurl=translate.google.nl&usg=ALkJrhjTCv5TTUlmUN0AxqWH0Z9SWpIomg) .
* Deze grotten zijn [Ogof Hesp Alyn](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Ogof_Hesp_Alyn&rurl=translate.google.nl&usg=ALkJrhgNDSmLEfscpgqTPSwb0FxdFP4pFg) en [Ogof Hen Ffynhonnau](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Ogof_Hen_Ffynhonnau&rurl=translate.google.nl&usg=ALkJrhjTCv5TTUlmUN0AxqWH0Z9SWpIomg) . A significant part of this lost flow re-emerges in the [Milwr tunnel](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Milwr_tunnel&rurl=translate.google.nl&usg=ALkJrhg594Id73J0RWGTisY5Uw9RJPNBrA) , a man-made tunnel, entering the west bank of the Dee estuary and carrying 12 million imperial gallons per day (600 L/s).
* Een aanzienlijk deel van deze verloren flow weer te voorschijn in de [Milwr tunnel](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Milwr_tunnel&rurl=translate.google.nl&usg=ALkJrhg594Id73J0RWGTisY5Uw9RJPNBrA) , een man-en-klare tunnel, het invoeren van de westelijke oever van de Dee-estuarium en de uitvoering 12 miljoen Imperial gallons per dag (600 l / s). This tunnel was originally constructed to drain metal mines in Halkyn Mountain.
* Deze tunnel was oorspronkelijk gebouwd om metaalmijnen in Halkyn Mountain drain. Once the main River Dee approaches the [Cheshire](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Cheshire&rurl=translate.google.nl&usg=ALkJrhjuRycIrN7K9c4vK99NxtdeRn8_KQ) border and the Carboniferous [Coal Measures](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Coal_Measures&rurl=translate.google.nl&usg=ALkJrhiRJu2YAYIQy7K9P2nfs0pWdP28Bg) , it turns sharply northwards before meandering up to [Chester](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Chester&rurl=translate.google.nl&usg=ALkJrhidpDdDnefyPVFy4n4oRmM2VFwyzg) .
* Zodra de belangrijkste rivier Dee de benaderingen [Cheshire](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Cheshire&rurl=translate.google.nl&usg=ALkJrhjuRycIrN7K9c4vK99NxtdeRn8_KQ) grens en het Carboon [Kolen maatregelen](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Coal_Measures&rurl=translate.google.nl&usg=ALkJrhiRJu2YAYIQy7K9P2nfs0pWdP28Bg) , het draait scherp naar het noorden voordat meanderende tot [Chester](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Chester&rurl=translate.google.nl&usg=ALkJrhidpDdDnefyPVFy4n4oRmM2VFwyzg) . This long stretch of the river drops in height by only a few feet.
* Deze lange strook van de rivier daalt in hoogte verstelbaar door slechts een paar meter. The rich adjoining farmland has many remnants of abandoned [coal workings](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Coal_mine&rurl=translate.google.nl&usg=ALkJrhin6GfZvundZvBqCx3f32Io9Q9ZmA) and deep clay-pits used to make [bricks](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Bricks&rurl=translate.google.nl&usg=ALkJrhhINaUwRSSSvDUeO_vaGJw3cdI0DA) and [tiles](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Tile&rurl=translate.google.nl&usg=ALkJrhhwCFAfy-qHPHsR_elbuyyS318gUA) .
* De rijke aangrenzende landbouwgrond heeft vele overblijfselen van verlaten [mijnen kolen](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Coal_mine&rurl=translate.google.nl&usg=ALkJrhin6GfZvundZvBqCx3f32Io9Q9ZmA) en diepe kuilen met klei gebruikt om [stenen](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Bricks&rurl=translate.google.nl&usg=ALkJrhhINaUwRSSSvDUeO_vaGJw3cdI0DA) en [tegels](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Tile&rurl=translate.google.nl&usg=ALkJrhhwCFAfy-qHPHsR_elbuyyS318gUA) . A number of these pits are now being used as [landfill](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Landfill&rurl=translate.google.nl&usg=ALkJrhgLzXUuLEXwaE1qg40WfSxjeP9sUA) sites for domestic and commercial waste.
* Een aantal van deze putten wordt nu gebruikt als [stortplaats](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Landfill&rurl=translate.google.nl&usg=ALkJrhgLzXUuLEXwaE1qg40WfSxjeP9sUA) sites voor huishoudelijk en commercieel afval.
* At [Holt](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Holt,_Wales&rurl=translate.google.nl&usg=ALkJrhgWpQX4kDknSxcRlHWsZxZvGTibNg) and [Farndon, Cheshire](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Farndon,_Cheshire&rurl=translate.google.nl&usg=ALkJrhgK0vQRAHQ4YxlGuJgVWXPFZNG8pQ) , the river crosses into England under a medieval bridge and then passes under the [A55 road](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/A55_road&rurl=translate.google.nl&usg=ALkJrhhB_QDBZ7glJNxiWkrtrrXR_NL8nA) and continues northwards to Chester. Op [Holt](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Holt,_Wales&rurl=translate.google.nl&usg=ALkJrhgWpQX4kDknSxcRlHWsZxZvGTibNg) en [Farndon, Cheshire](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Farndon,_Cheshire&rurl=translate.google.nl&usg=ALkJrhgK0vQRAHQ4YxlGuJgVWXPFZNG8pQ) , de rivier kruist in Engeland onder een middeleeuwse brug en gaat dan onder de [A55 over de weg](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/A55_road&rurl=translate.google.nl&usg=ALkJrhhB_QDBZ7glJNxiWkrtrrXR_NL8nA) en blijft noordwaarts naar Chester. At Chester the river passes and around the Earl's Eye(s) meadow.
* Op Chester de rivier langs en rond het Earl's Eye (s) weide. In the Chester region the river side is used as a recreation area with a bandstand, benches and boat cruises, being crossed by two bridges.
* In de regio Chester de oever van de rivier wordt gebruikt als recreatiegebied met een muziektent, banken en boottochten, wordt doorsneden door twee bruggen. The first is the [Queen's Park Suspension Bridge](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/w/index.php%3Ftitle%3DQueen's_Park_Suspension_Bridge%26action%3Dedit%26redlink%3D1&rurl=translate.google.nl&usg=ALkJrhgBuJ1Wq6L6R4wx1e-WdXf00eIzag) , which forms the only exclusively pedestrian footway across the river in Chester.
* De eerste is de [Queen's Park Suspension Bridge](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/w/index.php%3Ftitle%3DQueen's_Park_Suspension_Bridge%26action%3Dedit%26redlink%3D1&rurl=translate.google.nl&usg=ALkJrhgBuJ1Wq6L6R4wx1e-WdXf00eIzag) , die Chester vormt de enige die uitsluitend voetgangers voetpad overkant van de rivier in. The second is the [Old Dee Bridge](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Old_Dee_Bridge&rurl=translate.google.nl&usg=ALkJrhgNufQJabSC-k54t1iibRx9yhw77Q) , a road bridge and by far the oldest bridge in Chester, being built in about 1387 on the site of a series of wooden predecessors which dated originally from the Roman period.
* De tweede is de [Oude Dee Bridge](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Old_Dee_Bridge&rurl=translate.google.nl&usg=ALkJrhgNufQJabSC-k54t1iibRx9yhw77Q) , een brug voor wegverkeer en verreweg de oudste brug in Chester, wordt gebouwd in ongeveer 1387 op de site van een reeks van houten voorgangers, die oorspronkelijk dateert uit de Romeinse periode.
* Gezicht op de [Grosvenor Bridge](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Grosvenor_Bridge_(Chester)&rurl=translate.google.nl&usg=ALkJrhjeAi4bFNanvojbd-DAqKUqaNM2PQ) , afkomstig uit de Zuid-oever van de rivier
* Above the Old Dee Bridge is [Chester Weir](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Chester_Weir&rurl=translate.google.nl&usg=ALkJrhhbJzAyO-yXrvKeo5bkJhoCVKza5g) , which was built by [Hugh Lupus](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Hugh_Lupus&rurl=translate.google.nl&usg=ALkJrhh01GQslD650nXNtNAZzM4r7VNyZQ) to supply power to his corn mills. Boven de Oude Dee Bridge is [Chester Weir](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Chester_Weir&rurl=translate.google.nl&usg=ALkJrhhbJzAyO-yXrvKeo5bkJhoCVKza5g) , die werd gebouwd door [Hugh Lupus](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Hugh_Lupus&rurl=translate.google.nl&usg=ALkJrhh01GQslD650nXNtNAZzM4r7VNyZQ) de stroomvoorziening van zijn koren molens. Throughout the centuries the weir has been used to power corn, fulling, needle, snuff and flint mills.
* Door de eeuwen heen de stuw is gebruikt voor het aandrijven van koren, vollen, naald, snuif-en vuursteen molens. The same weir was used as part of a [hydro-electric](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Hydroelectricity&rurl=translate.google.nl&usg=ALkJrhgjYmZMc2pQe-LKtnRFDX-P2Tttpw) scheme in 1911 with the help of a small generator building which is still visible today, used as a pumping station for water since 1951.
* Hetzelfde stuw werd gebruikt als onderdeel van een [hydro-elektrische](http://translate.googleusercontent.com/translate_c?hl=nl&langpair=en%7Cnl&u=http://en.wikipedia.org/wiki/Hydroelectricity&rurl=translate.google.nl&usg=ALkJrhgjYmZMc2pQe-LKtnRFDX-P2Tttpw) regeling in 1911 met de hulp van een kleine generator gebouw dat vandaag de dag nog steeds zichtbaar is, gebruikt als een pompstation voor het water sinds 1951. However the first water pumping station here was set up in 1600 by John Tyrer who pumped water to a square tower built on the city's Bridgegate.
* Maar na de eerste pompstation water hier werd opgericht in 1600 door John Tyrer die water verpompt naar de vierkante toren gebouwd op Bridgegate van de stad. It was destroyed in the Civil War but an octagonal tower built in 1690 for the same purpose lasted until the gate was replaced with an arch in the mid-18th century.
* Het werd verwoest in de Burgeroorlog, maar een achthoekige toren gebouwd in 1690 voor het zelfde doel duurde tot aan de gate was vervangen door een boog in het midden van de 18de eeuw.