**Supplementary Table G.** Historically-documented droughts and heat waves (Buisman 1995) in comparison to reconstructed M*i*\*'s.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Year of drought** | **Description** | **Historical source** | **Estimated reliability (Buisman 1995)** | **Estimated impact on research area (Buisman 1995)** | **Calendar year of M*i*\*** | ***RF*** |
| 772 | Dry summer in Germany (area between Elbe and Weser) | Annales Regni Frankorum (Aachen) | Reliable | Drought | - | - |
| 793 | Drought in western Gemany | Annales Mosellani | Reliable | Drought | - | - |
| 838 | Warm summer in the Netherlands (Nijmegen) | Annales Xantenses | Reliable | Warm | - | - |
| 841 | From August onwards: drought in northern France | Nithardi historiarum | Reliable | Possible drought | - | - |
| 852 | Warm summer in the Netherlands (Nijmegen) | Annales Xantenses | Reliable | Warm | - | - |
| 870 | Warm fall in Germany (Upper Rhine) | Annales Fuldenses (Mainz) | Reliable | Warm | - | - |
| 921 | July to September: warm summer with prolonged drought in northern France | Flodoard of Reims | Reliable | Drought | 922 | 7 |
| 955 | Warm summer in the UK (Wales) | Brut t Tywysogion | Uncertain | Possibly warm | - | - |
| 974 | Drought during summer in Germany (Weser) | Annales Corbeienses (Corvey) | Reliable | Drought | - | - |
| 981 | Year-long drought in Germany (Weser) | Annales Corbeienses (Corvey) | Reliable | Drought | 981 | 14 |
| 988 | Drought during July and August in Germany (Weser) | Annales Hildesheimenses | Reliable | Drought | - | - |
| 989 | Drought during spring in Belgium | Sigebert of Gembloux | Reliable | Drought | - | - |
| 993 | Warm and dry summer and fall | Annales Quedlinburgenses (Quedlinburg)? | Uncertain | Possible drought | - | - |
| 994 | Dry summer | Annales Quedlinburgenses (Quedlinburg) | Certain | Drought | 994 | 6 |