Bifurcation events

The measurements are done 12.00 every day. Bifurcation in Glomma at Kongsvinger occur when the water discharge exceeds 1500-1600 m^3/s. I have included all water discharger exceeding 1500 m^3/s, but it is not certain that all values exceeding this limit will lead to bifurcation. Water discharges exceeding 1600 m^3/s is marked with yellow, and these are probably large enough to lead to bifurcation.

The following values are taken from 2.393 Norsfoss measuring station.

Mai 2013

NB: this flood occurred only weeks before the core was taken, and is not expected to be visible as flood layer in the sediment core FLS113.

```
20130522/1200 1221.323120
20130523/1200 1732.434326
20130524/1200 2253.171387
20130525/1200 2143.414307
20130526/1200 1574.368408
```

Juni 2011

```
20110611/1200 1576.473877
20110612/1200 1764.269165
20110613/1200 1585.179932
```

Mai 2010

```
20100522/1200 1598.390503
20100523/1200 1548.072144
20100524/1200 1405.519287
```

Mai 2008

```
20080502/1200 1230.899536
20080503/1200 1603.136841
20080504/1200 1911.834106
20080505/1200 1927.109741
20080506/1200 1837.965210
20080507/1200 1772.241577
20080508/1200 1710.330688
20080509/1200 1675.765015
20080510/1200 -9999.000000
20080511/1200 1668.786377
20080512/1200 1579.380371
```

Mai 2000

```
20000502/1200 1499.837280
20000503/1200 1697.789795
20000504/1200 1718.905396
20000505/1200 1652.509033
20000506/1200 1446.768921
```

Mai/juni 1995

19950528/1200 1407.097046
19950529/1200 1621.621948
19950530/1200 1791.035400
19950531/1200 2039.673218
19950601/1200 2449.377686
19950602/1200 2947.559570
19950603/1200 3176.060547
19950604/1200 3116.862305
19950605/1200 2711.124756
19950606/1200 2266.913330
19950607/1200 1901.836548
19950608/1200 1623.895020
19950609/1200 1634.363647
19950610/1200 1737.880737
19950611/1200 1520.660034

Mai 1993

19930504/1200 1599.501221
19930505/1200 1760.375488
19930506/1200 1473.435059

Mai 1899

19880511/1200 1503.971313
19880512/1200 1588.561890
19880513/1200 1565.722656
19880514/1200 1588.561890
19880515/1200 1737.938721
19880516/1200 1833.830200
19880517/1200 1765.996704
19880518/1200 1777.254028
19880519/1200 1654.501709
19880520/1200 1377.255127

Oktober 1987 (one out of two autumn floods)

19871016/1200 1312.507324
19871017/1200 1632.441040
19871018/1200 1919.587646
19871019/1200 1599.501221

Juni 1987 (vår)

19870618/1200 1497.846069
19870619/1200 1682.190063
19870620/1200 1559.506958
19870621/1200 1461.284180
19870622/1200 1503.971313

Mai 1986

19860506/1200 1479.523926
19860507/1200 1845.203125
19860508/1200 1936.866211
19860509/1200 1983.146362
19860510/1200 1890.884033
19860511/1200 1822.476562
19860512/1200 1799.826782
19860513/1200 1754.758789
19860514/1200 1599.501221

Mai 1985

19850522/1200 1510.105957
19850523/1200 1559.506958
19850524/1200 1522.402100
19850525/1200 1306.677124
19850526/1200 1209.017700
19850527/1200 1266.131714
19850528/1200 1510.105957
19850529/1200 1794.176514
19850530/1200 1896.615234
19850531/1200 1693.300171
19850601/1200 1341.797852

Mai 1983

19830520/1200 1370.066406
19830521/1200 1664.140503
19830522/1200 1572.735229

Mai 1979

19790526/1200 1422.270386
19790527/1200 1613.232666
19790528/1200 1582.840332
19790529/1200 1522.610962

Mai 1978

19780525/1200 1598.021973
19780526/1200 1715.360718
19780527/1200 1618.309204

Mai 1975

19750513/1200 1546.545288
19750514/1200 1638.647095
19750515/1200 1546.545288

The following values are taken from 2.2 measuring station.

Juni 1973

19730602/1200 1388.627319
19730603/1200 1864.119751
19730604/1200 1747.896362
19730605/1200 1438.000122

Juni 1967

19670519/1200 1438.000122
19670520/1200 1740.250488
19670521/1200 1709.795654
19670522/1200 1567.971924
19670523/1200 1509.674561
19670524/1200 1488.031982
19670525/1200 1590.051392
19670526/1200 1983.191284
19670527/1200 2487.174316
19670528/1200 2718.930176
19670529/1200 2566.500244
19670530/1200 2357.097656
19670531/1200 2417.466797
19670601/1200 2764.402100
19670602/1200 2846.978516
19670603/1200 2967.893555
19670604/1200 2664.746582
19670605/1200 2297.315918
19670606/1200 1999.280518
19670607/1200 1656.997437
19670608/1200 1388.627319

Mai 1966

19660516/1200 1538.717407
19660517/1200 1879.832275
19660518/1200 1919.334473
19660519/1200 1903.495728
19660520/1200 2331.404785
19660521/1200 2893.255859
19660522/1200 2810.163086
19660523/1200 2357.097656
19660524/1200 2129.779541
19660525/1200 2047.846558
19660526/1200 1763.226685
19660527/1200 1480.844482

Mai 1963

19630512/1200 1409.706055
19630513/1200 1770.911133
19630514/1200 1763.226685
19630515/1200 1560.638550

Mai 1959

19590430/1200 1480.844482
19590501/1200 2080.471680
19590502/1200 2039.721069
19590503/1200 1755.555176
19590504/1200 1740.250488
19590505/1200 1687.090088
19590506/1200 1524.169434

September 1957 (the second autumn flood)

19570915/1200 1590.051392
19570916/1200 2179.529053
19570917/1200 2055.984131
19570918/1200 1679.547485
19570919/1200 1312.385864

Mai 1957 (vår)

19570520/1200 1560.638550
19570521/1200 1664.501099
19570522/1200 1612.248901
19570523/1200 1374.642578

Mai 1952

19520507/1200 1553.318237
19520508/1200 1935.223389
19520509/1200 1717.390015
19520510/1200 1416.759399

Mai 1950

19500513/1200 1509.674561
19500514/1200 1702.214233
19500515/1200 1732.617432
19500516/1200 1516.915283