

APPENDIX 1

Plots of the main parameters for all measurement stations

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APPENDIX 1

1. REGULATED STATIONS

1.1 BERTNEM

1.1.1 Discharge

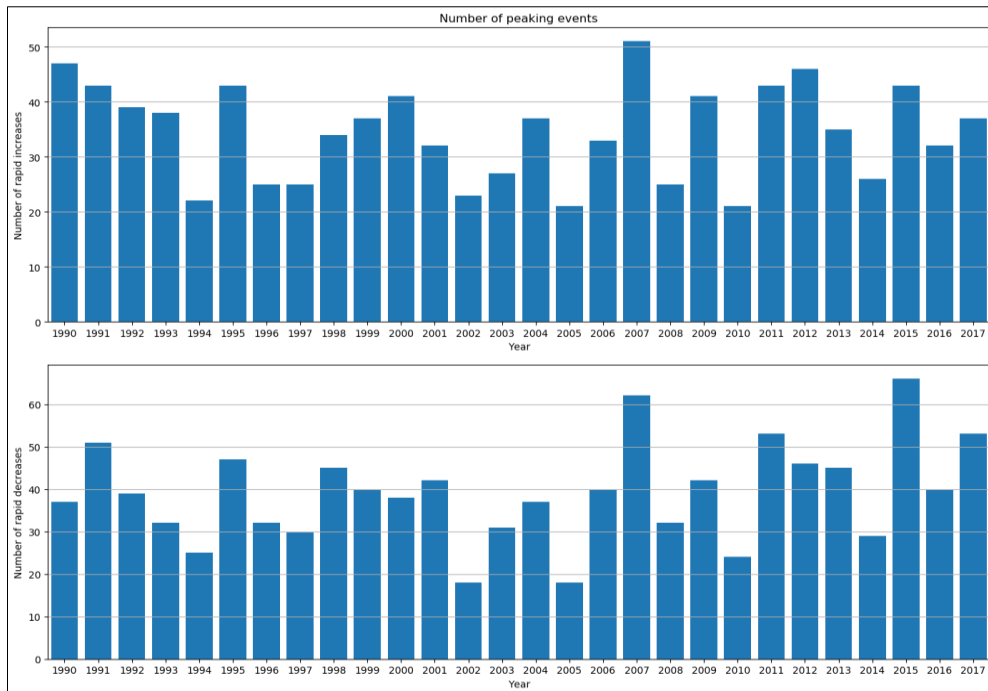


Figure 1. Bertnem. Number of peaks per year - Discharge

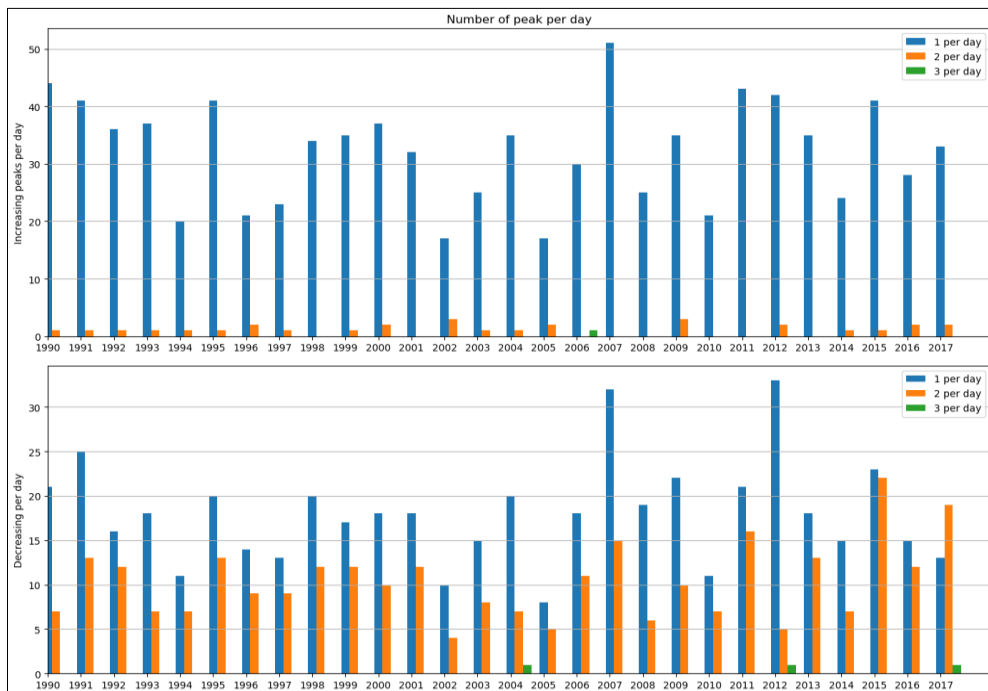


Figure 2. Bertnem. Number of peaks per day - Discharge

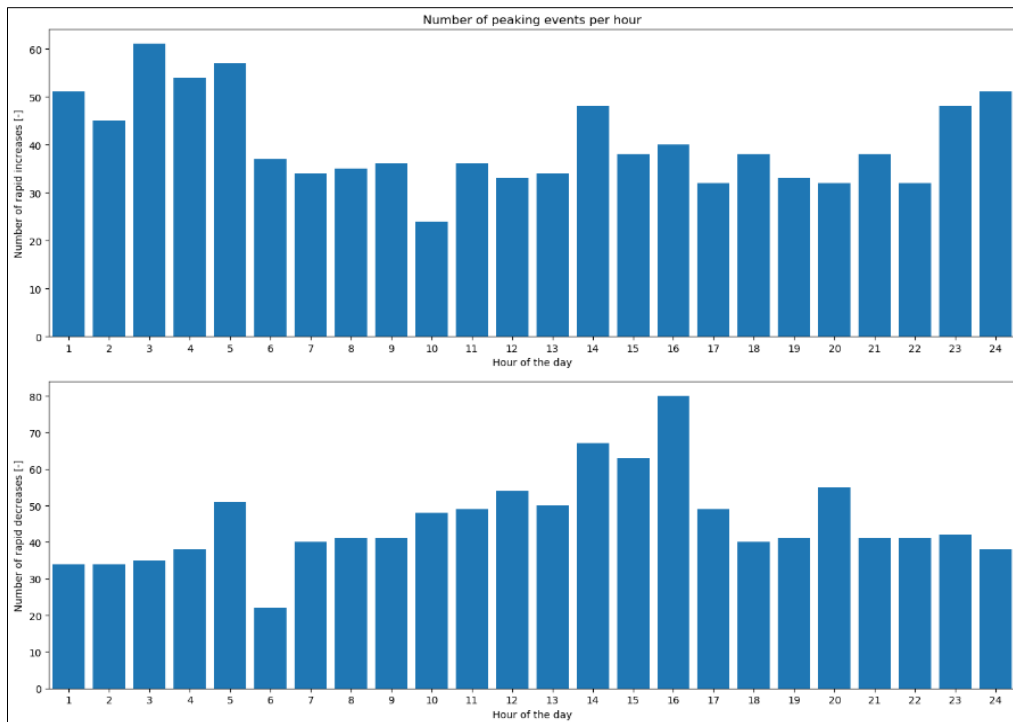


Figure 3. Bertnem. Number of peaks per hour - Discharge

1.1.2 Water level

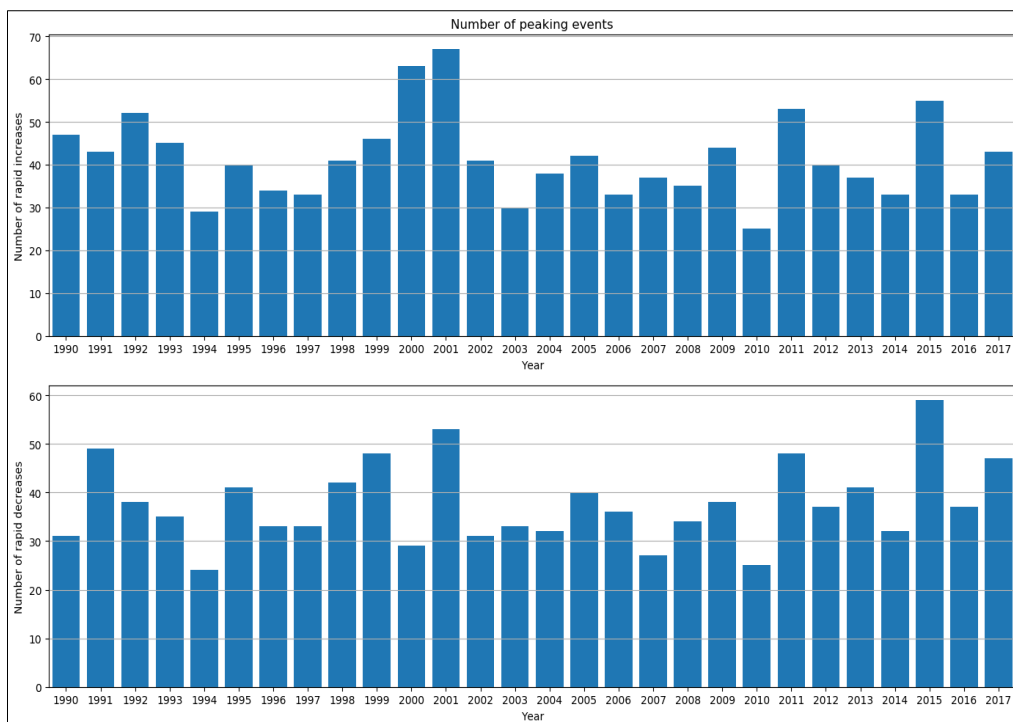


Figure 4. Bertnem. Number of peaks per year - Water level

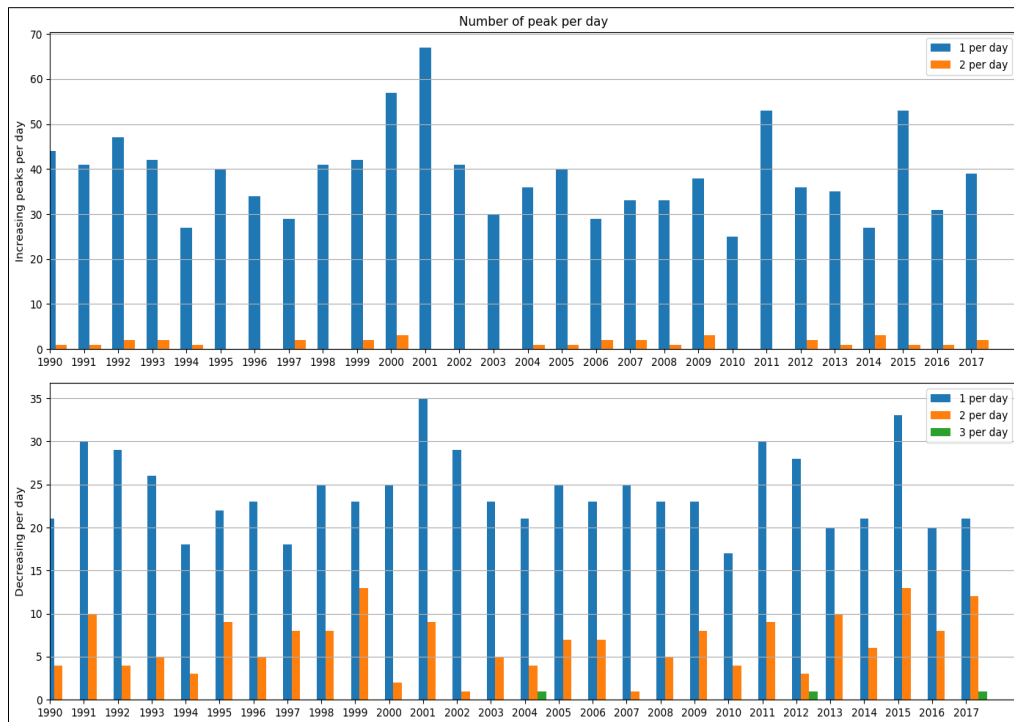


Figure 5. Bertnem. Number of peaks per day - Water level

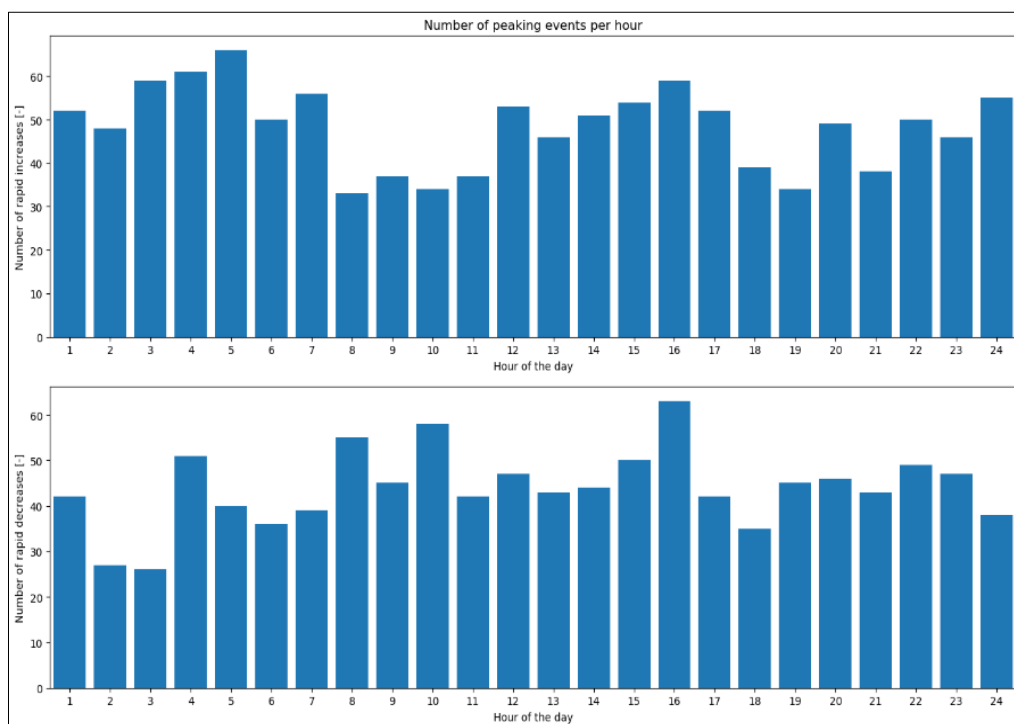


Figure 6. Bertnem. Number of peaks per hour - Water level

1.2 BRULANDSFOSS ND

1.2.1 Discharge

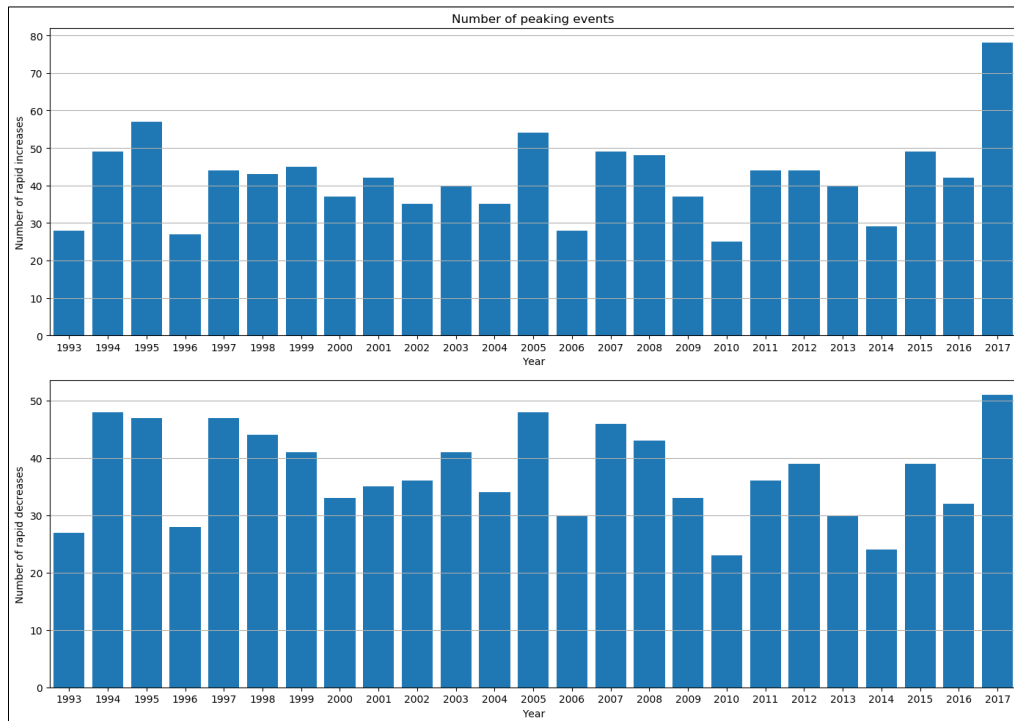


Figure 7. Brulandsfoss. Number of peaks per year - Discharge

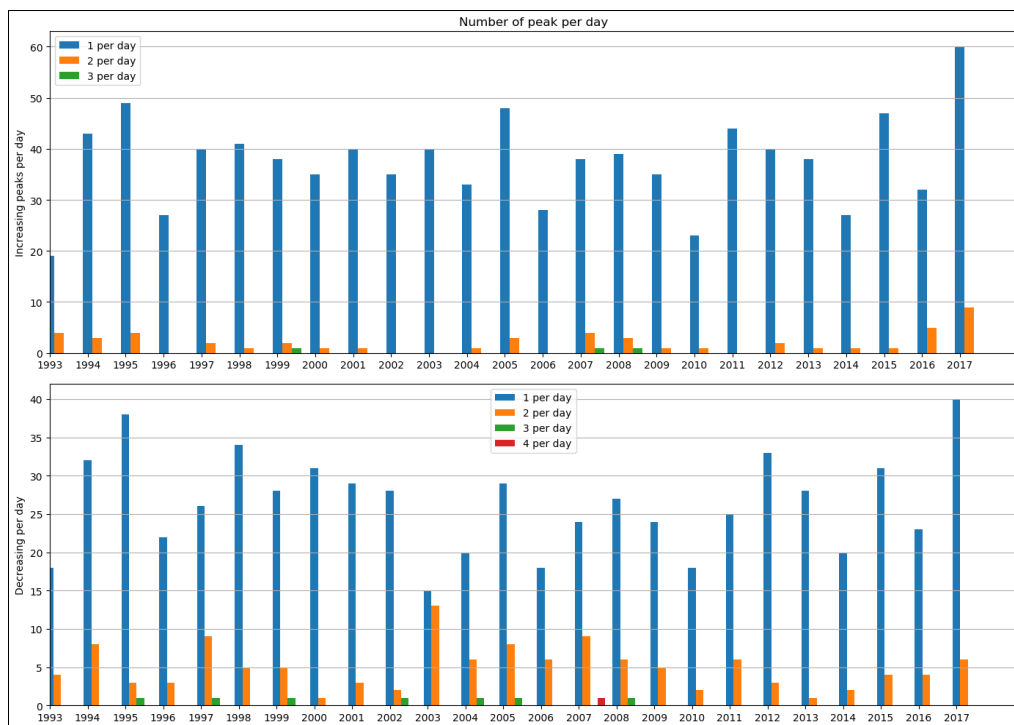


Figure 8. Brulandsfoss. Number of peaks per day - Discharge

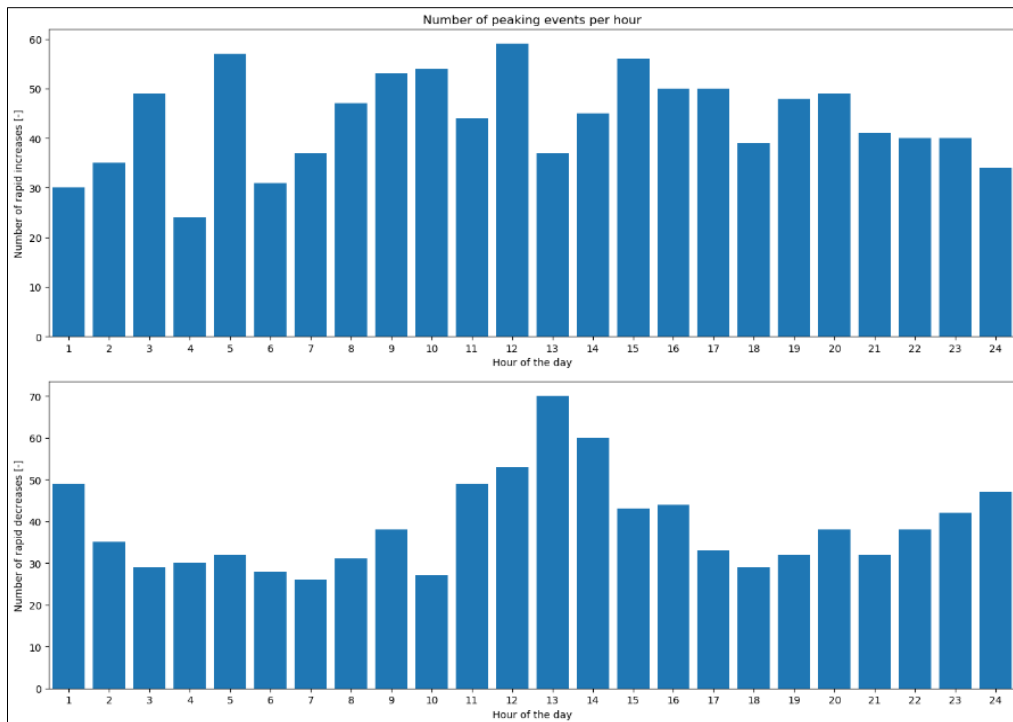


Figure 9. Brulandsfoss. Number of peaks per hour - Discharge

1.2.2 Water level

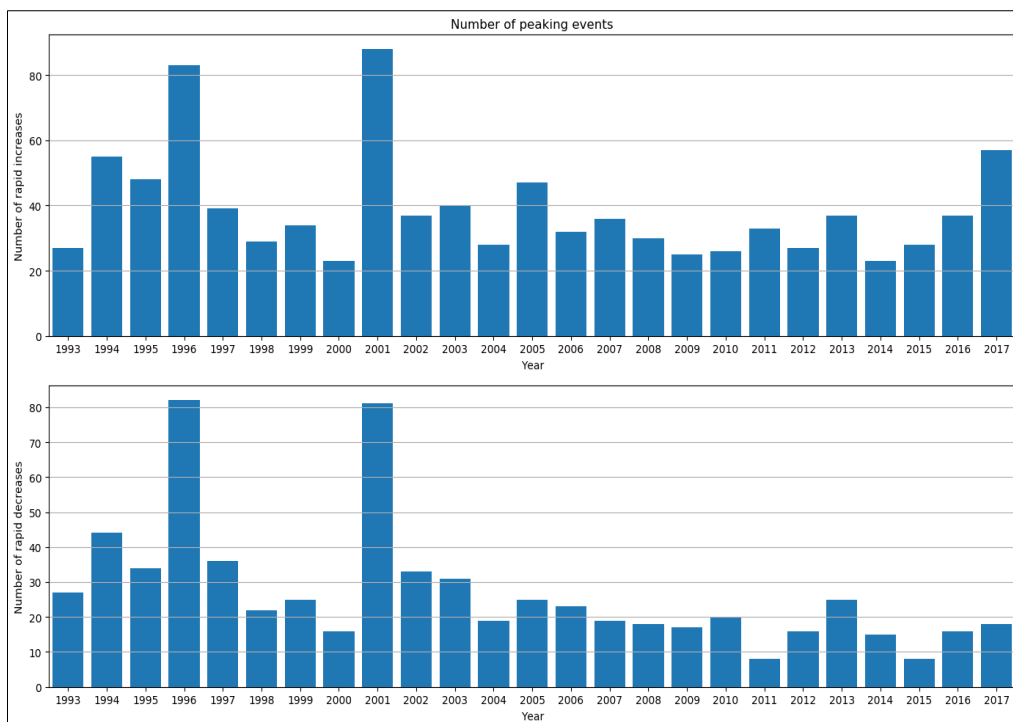


Figure 10. Brulandsfoss. Number of peaks per year - Water level

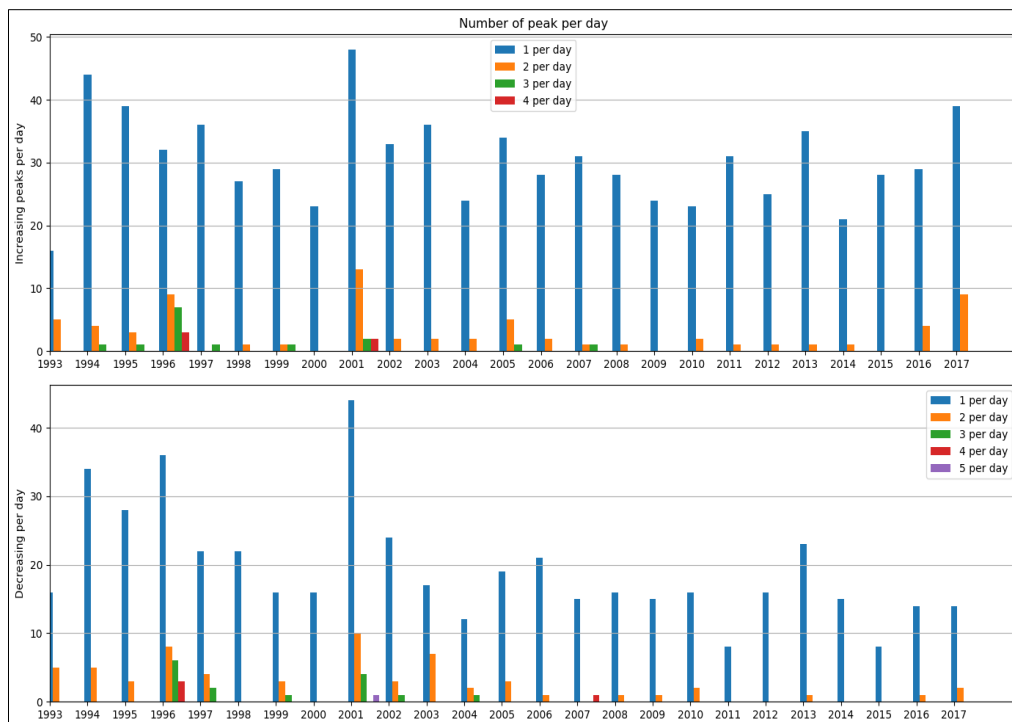


Figure 11. Brulandsfoss. Number of peaks per day - Water level

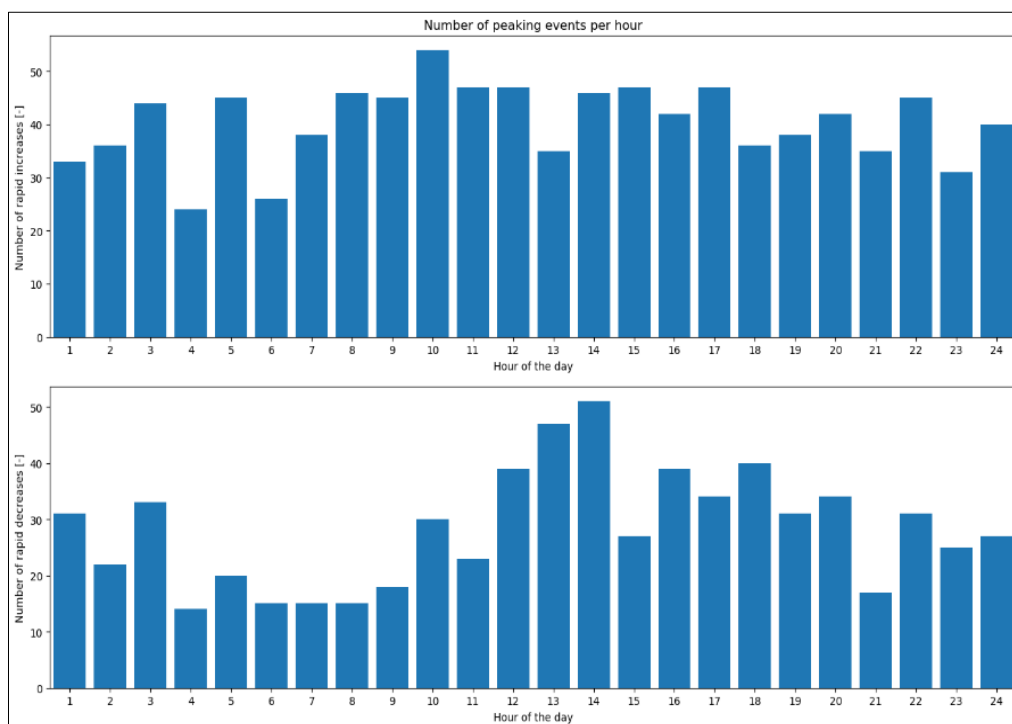


Figure 12. Brulandsfoss. Number of peaks per hour - Water level

1.3 HARESTRØMMEN

1.3.1 Discharge

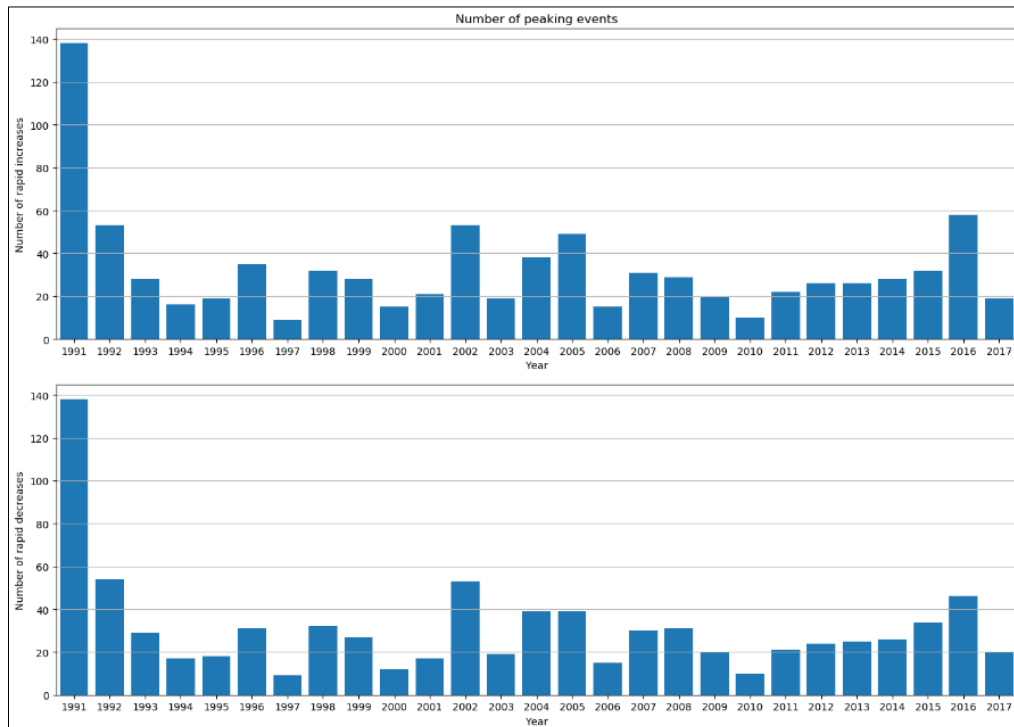


Figure 13. Harestrømmen. Number of peaks per year - Discharge

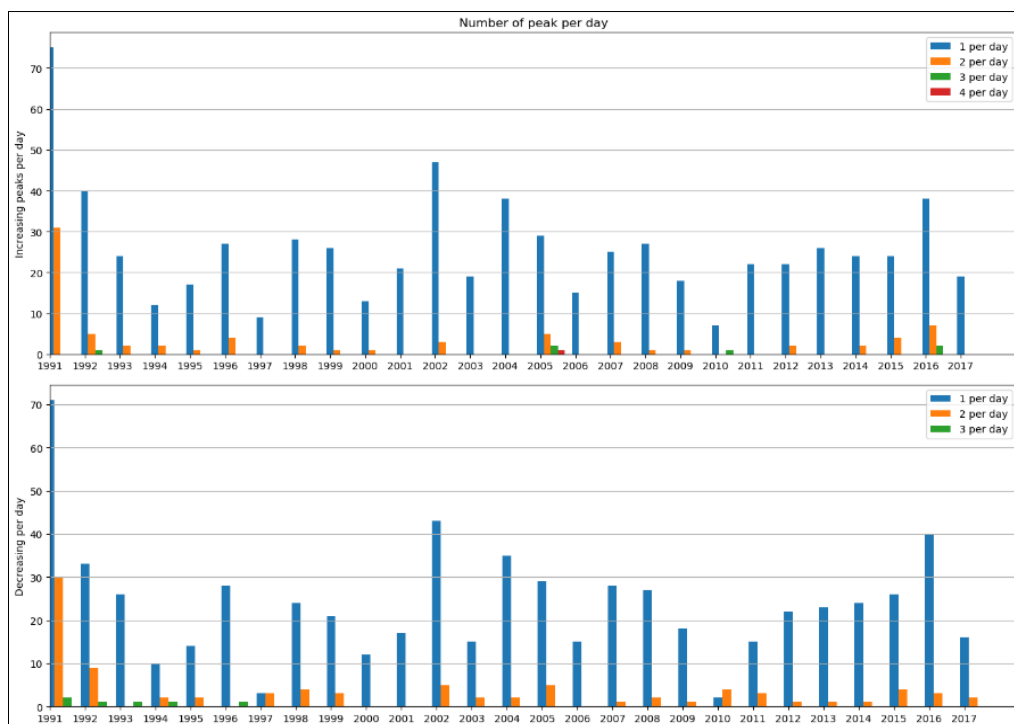


Figure 14. Harestrømmen. Number of peaks per day - Discharge

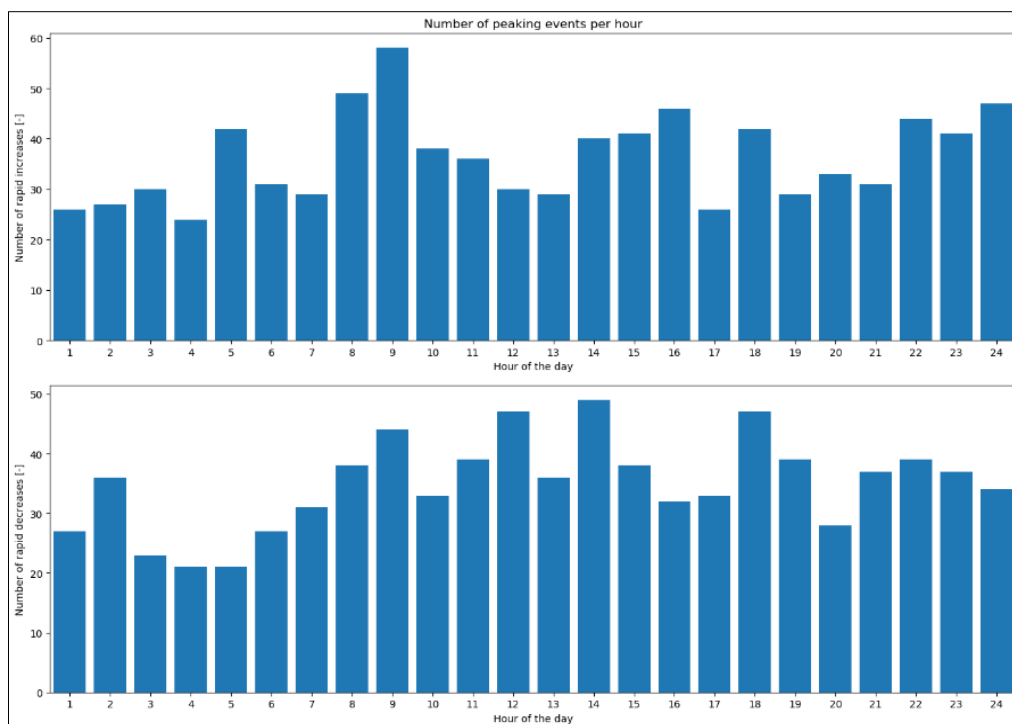


Figure 15. Harestrømmen. Number of peaks per hour – Discharge

1.3.2 Water level

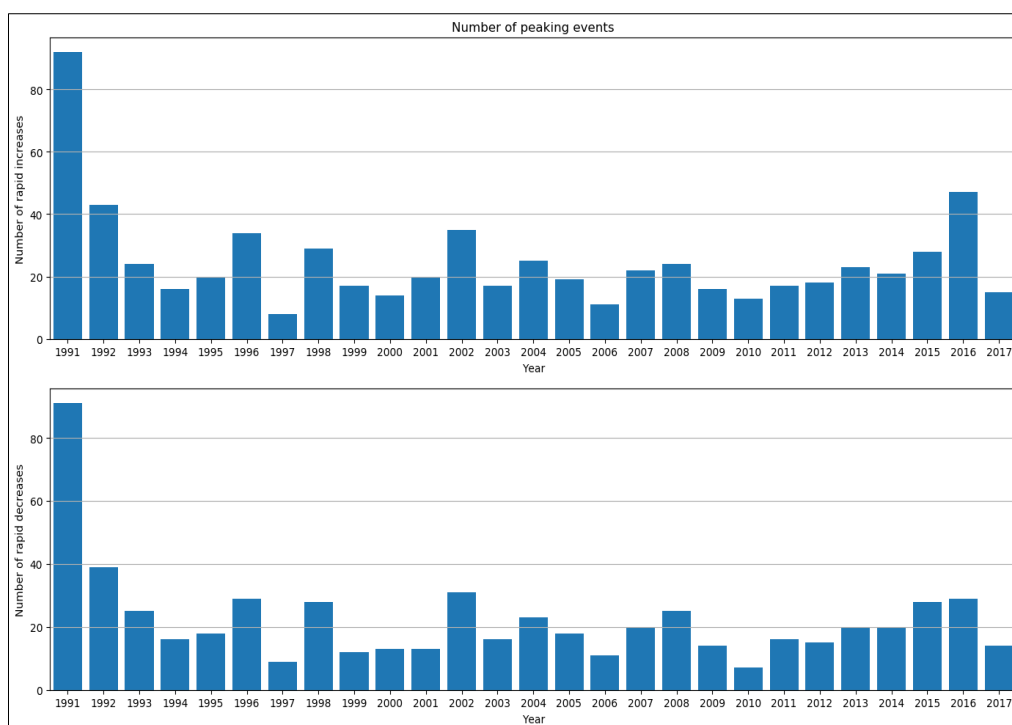


Figure 16. . Harestrømmen. Number of peaks per year – Water level

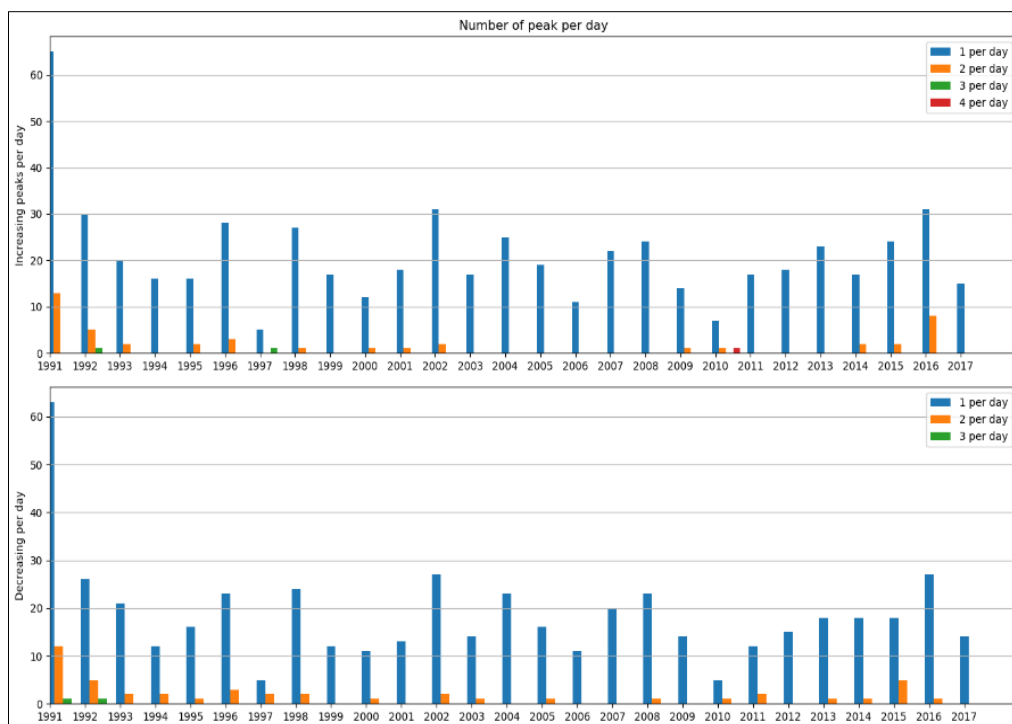


Figure 17. . Harestømmen. Number of peaks per day – Water level

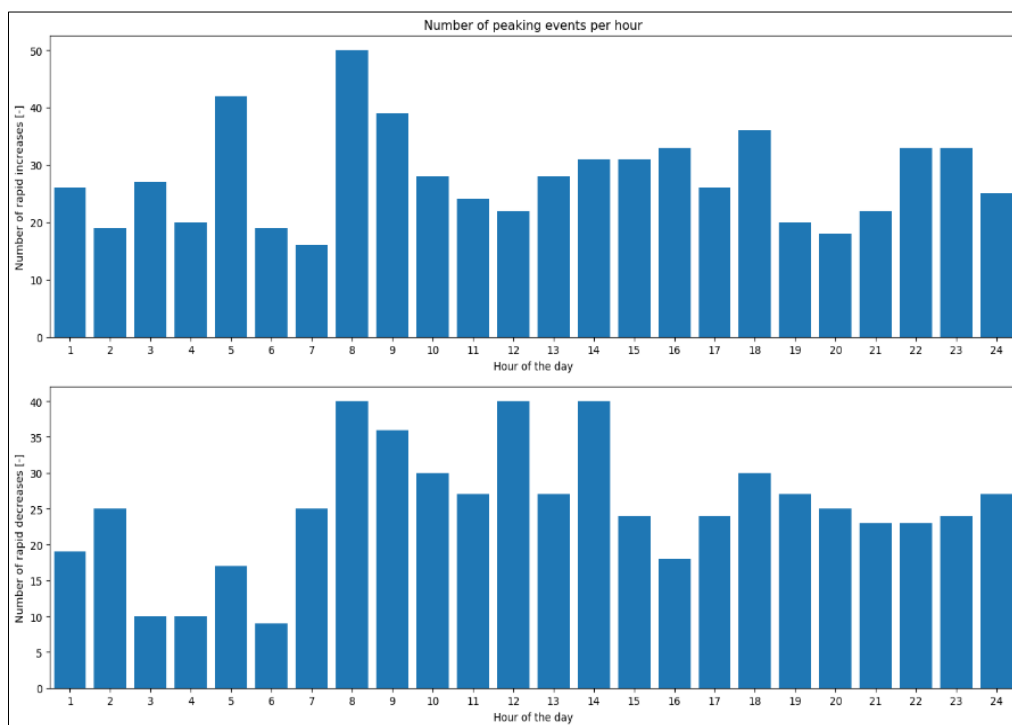


Figure 18. Harestømmen. Number of peaks per hour – Water level

1.4 HÅVERSTAD

1.4.1 Discharge

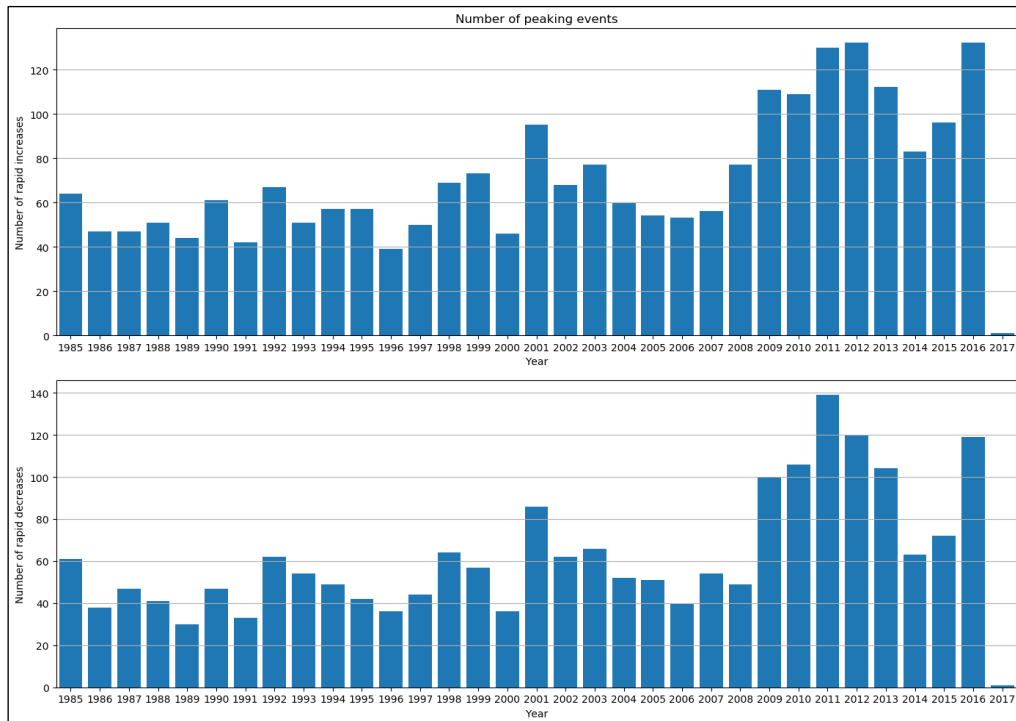


Figure 19. Håverstad. Number of peaks per year – Discharge

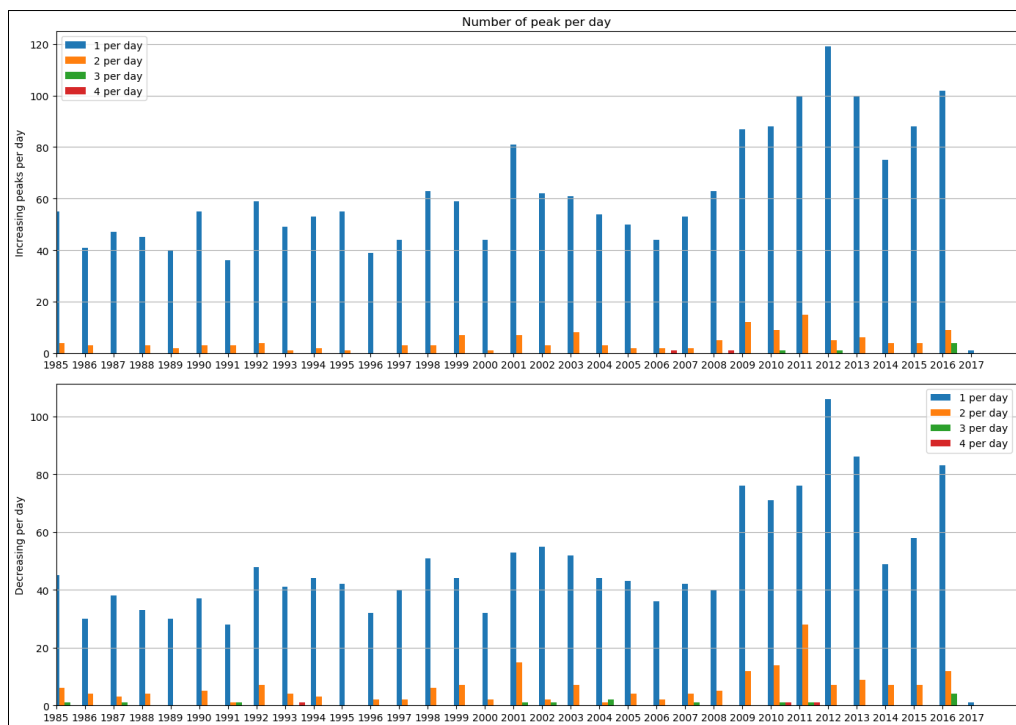


Figure 20. Håverstad. Number of peaks per day – Discharge

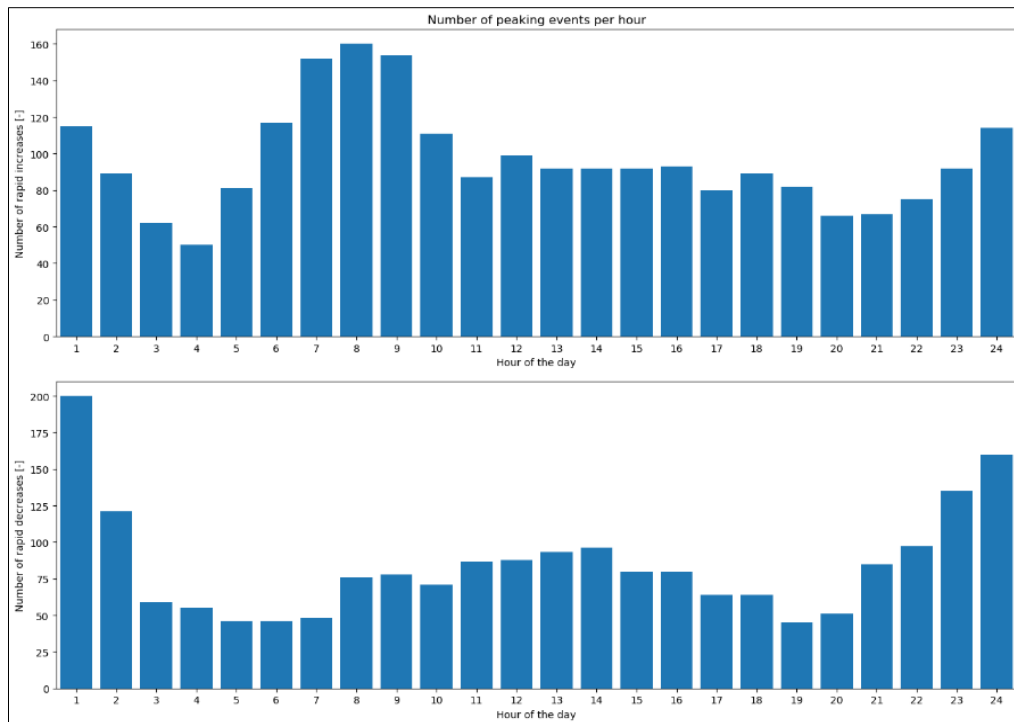


Figure 21. Håverstad. Number of peaks per hour – Discharge

1.4.2 Water level

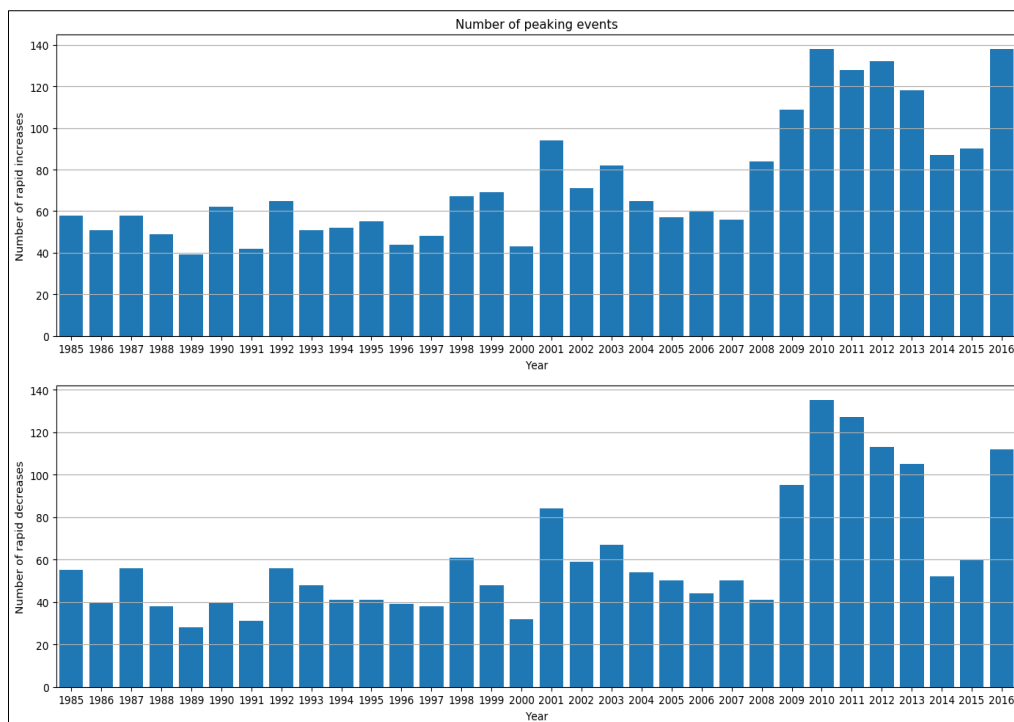


Figure 22. Håverstad. Number of peaks per year – Water level

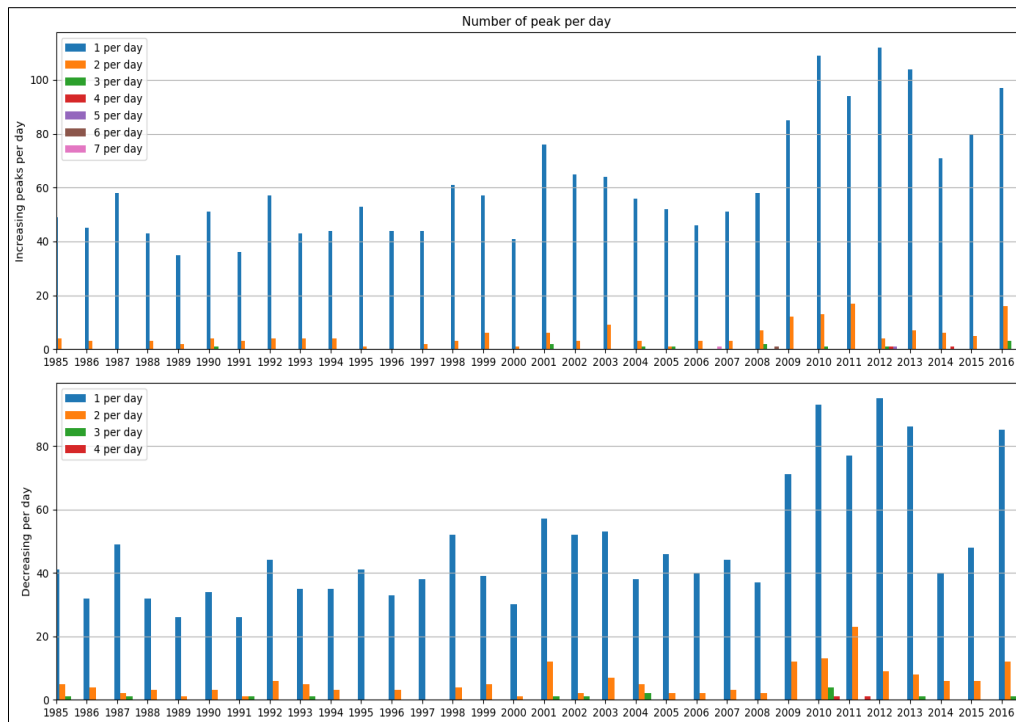


Figure 23. Håverstad. Number of peaks per day – Water level

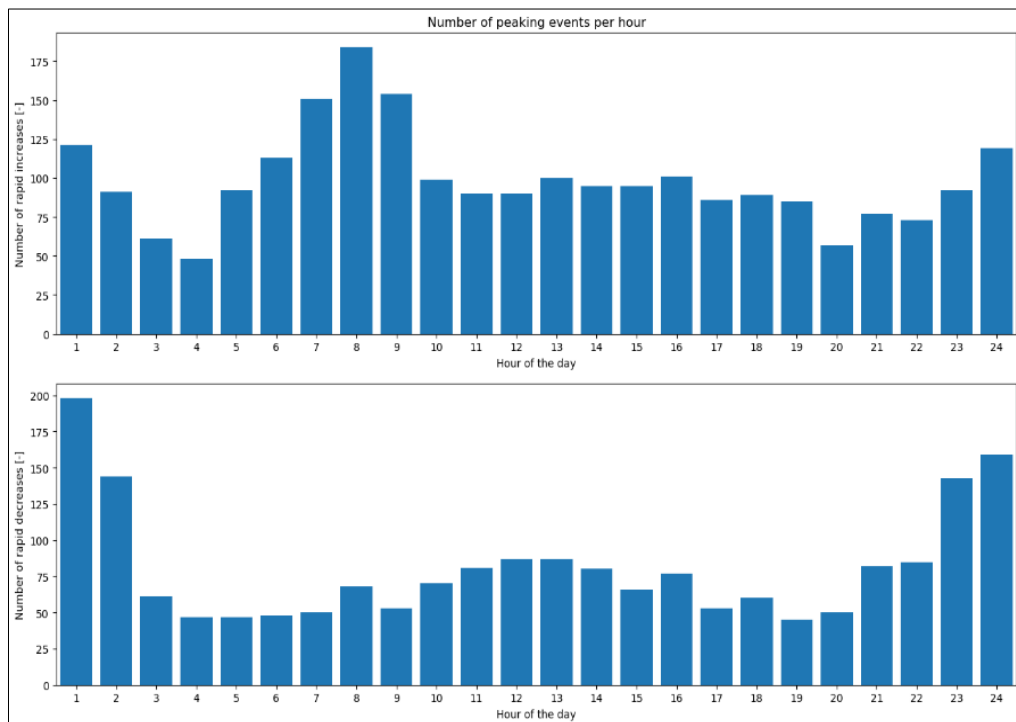


Figure 24. Håverstad. Number of peaks per hour – Water level

1.5 HEGRA BRU

1.5.1 Discharge

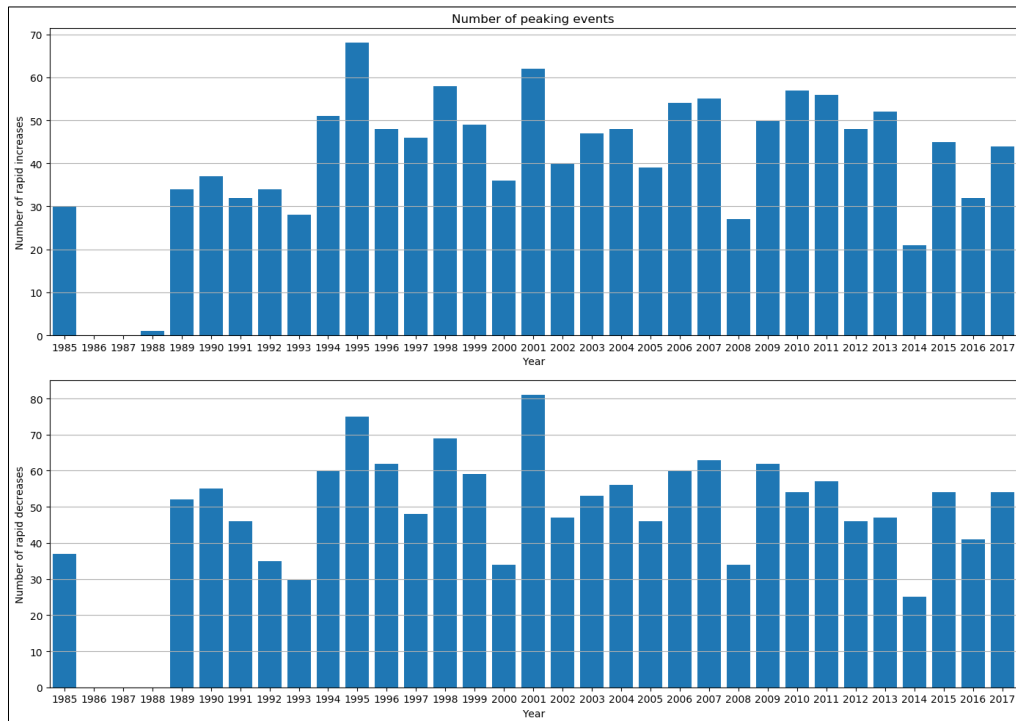


Figure 25. Hegra bru. Number of peaks per year – Discharge

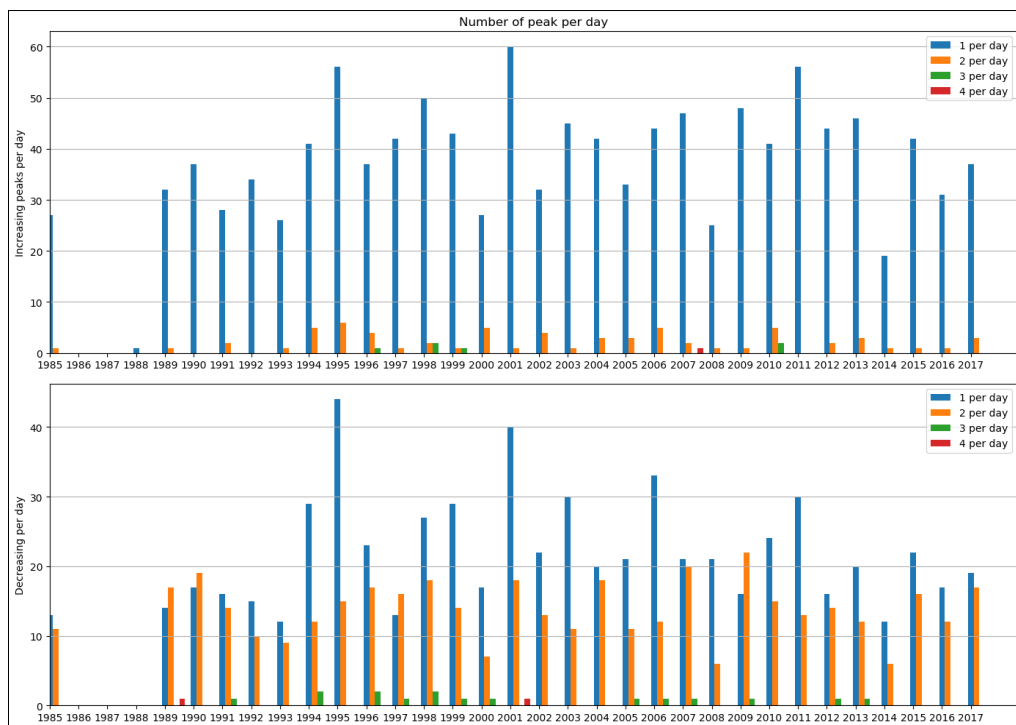


Figure 26. Hegra bru. Number of peaks per day – Discharge

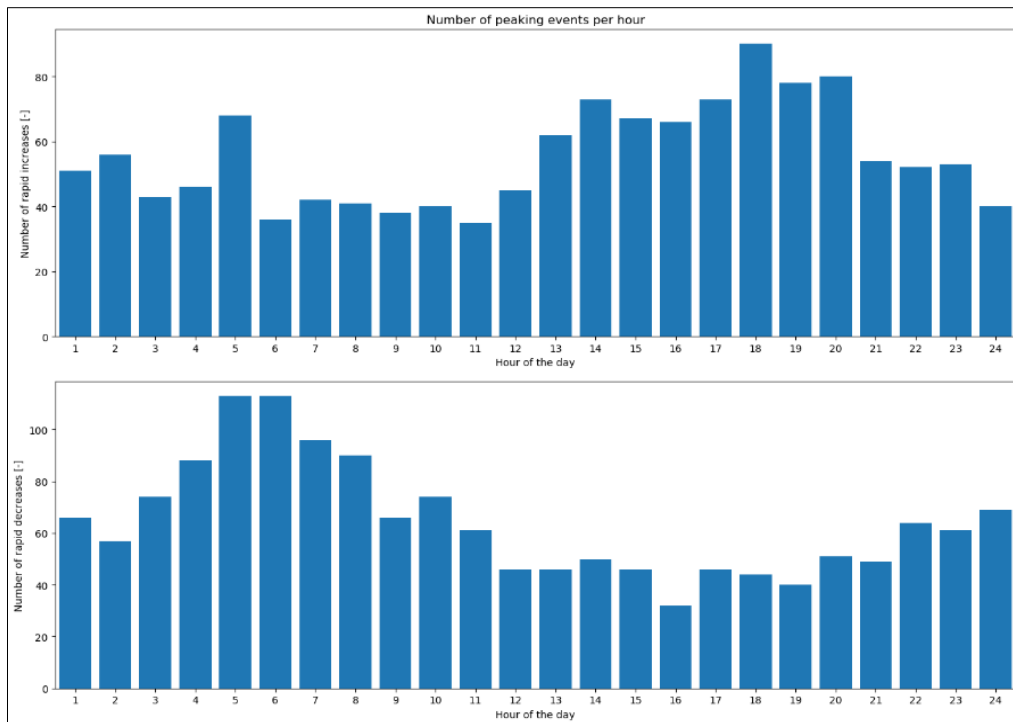


Figure 27. Hegra bru. Number of peaks per hour – Discharge

1.5.2 Water level

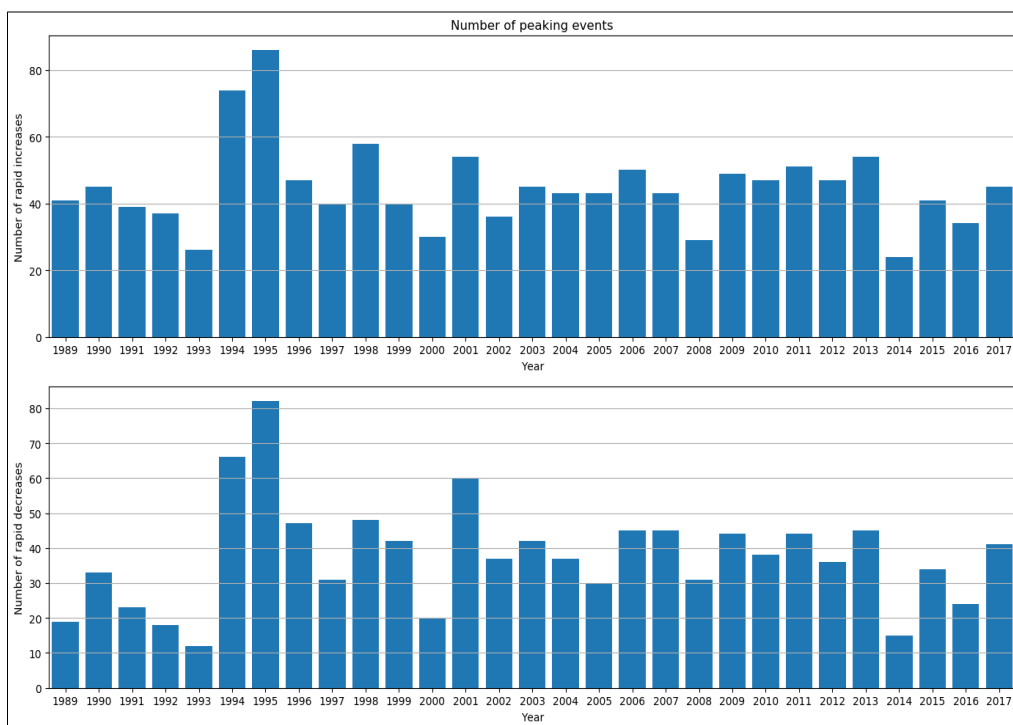


Figure 28. Hegra bru. Number of peaks per year – Water level.

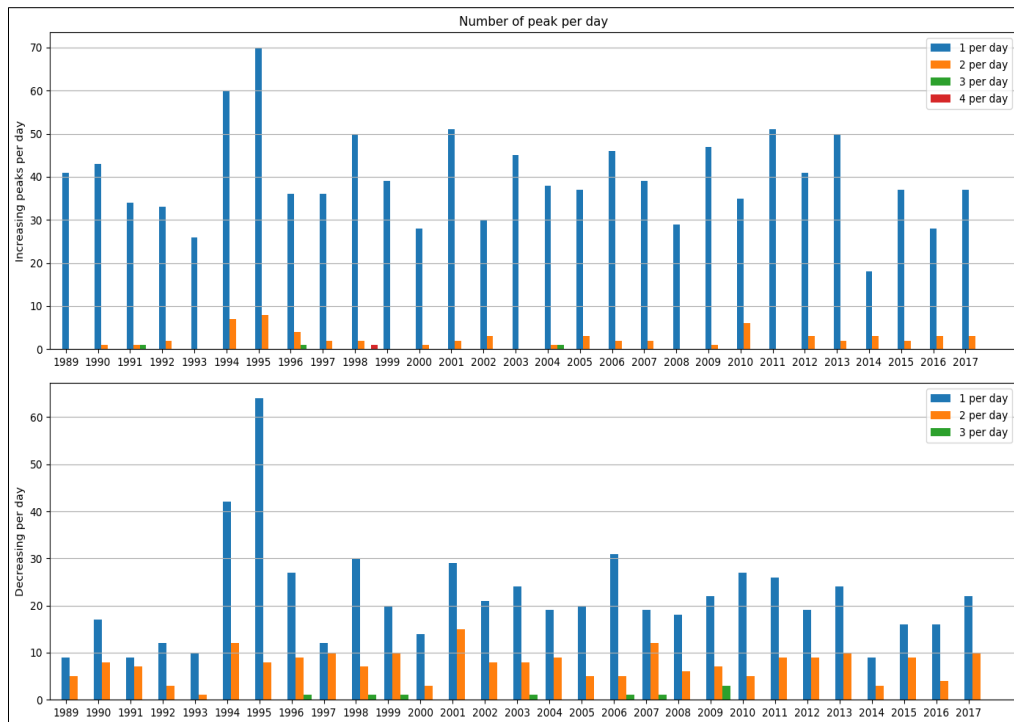


Figure 29. Hegra bru. Number of peaks per day – Water level

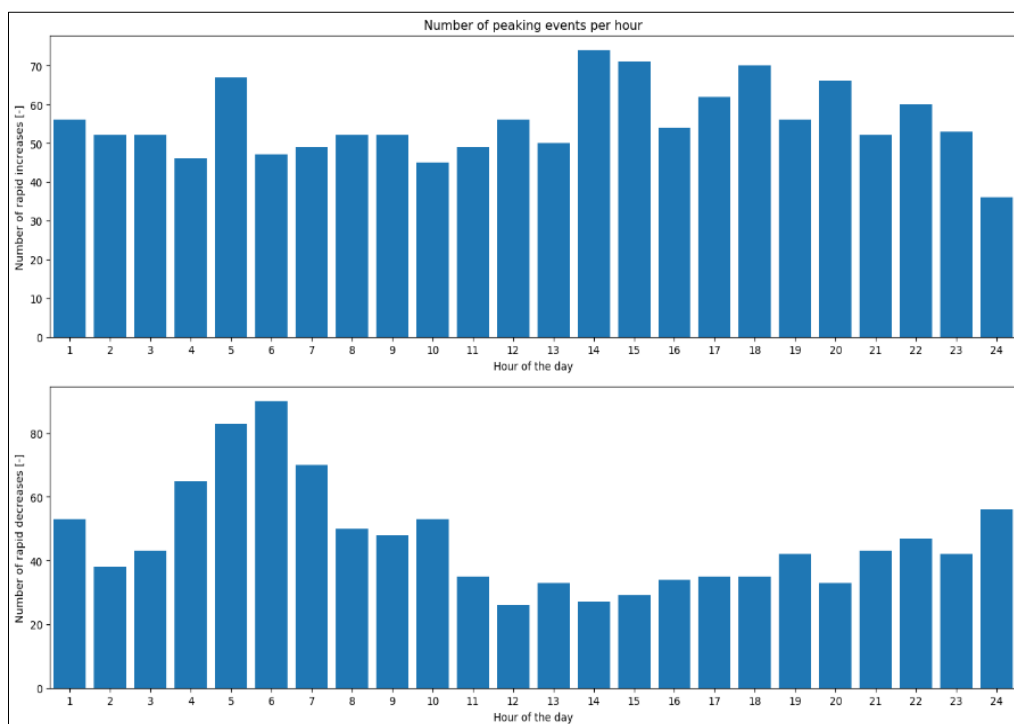


Figure 30. Hegra bru. Number of peaks per hour – Water level

1.6 HEISEL

1.6.1 Discharge

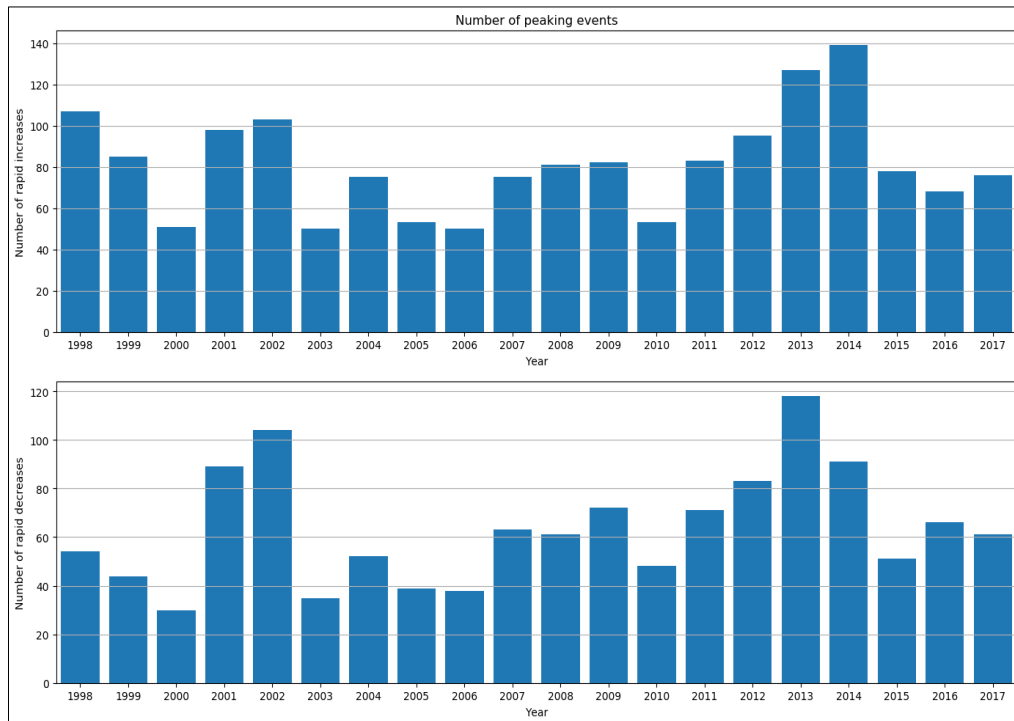


Figure 31. Heisel. Number of peaks per year – Discharge

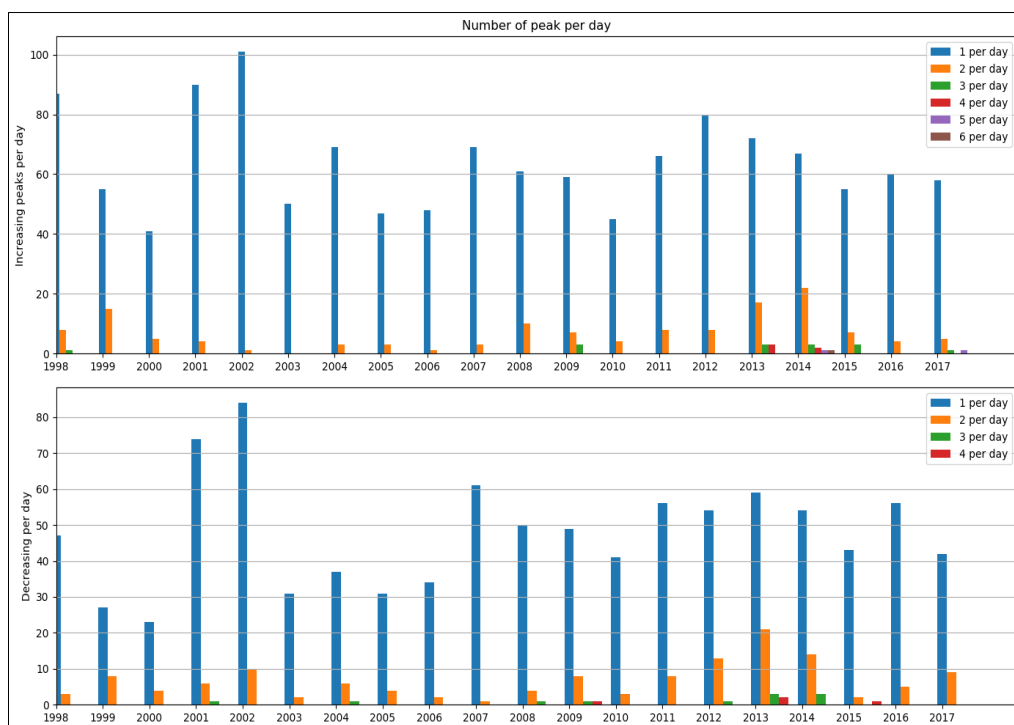


Figure 32. Heisel. Number of peaks per day – Discharge

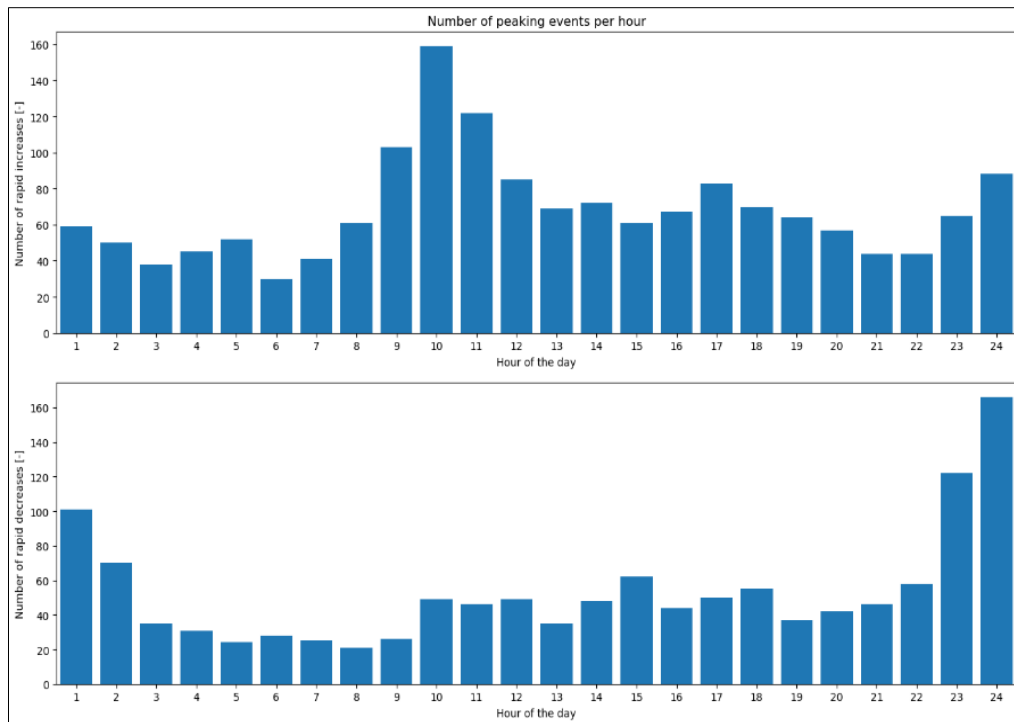


Figure 33. Heisel. Number of peaks per hour– Discharge

1.6.2 Water level

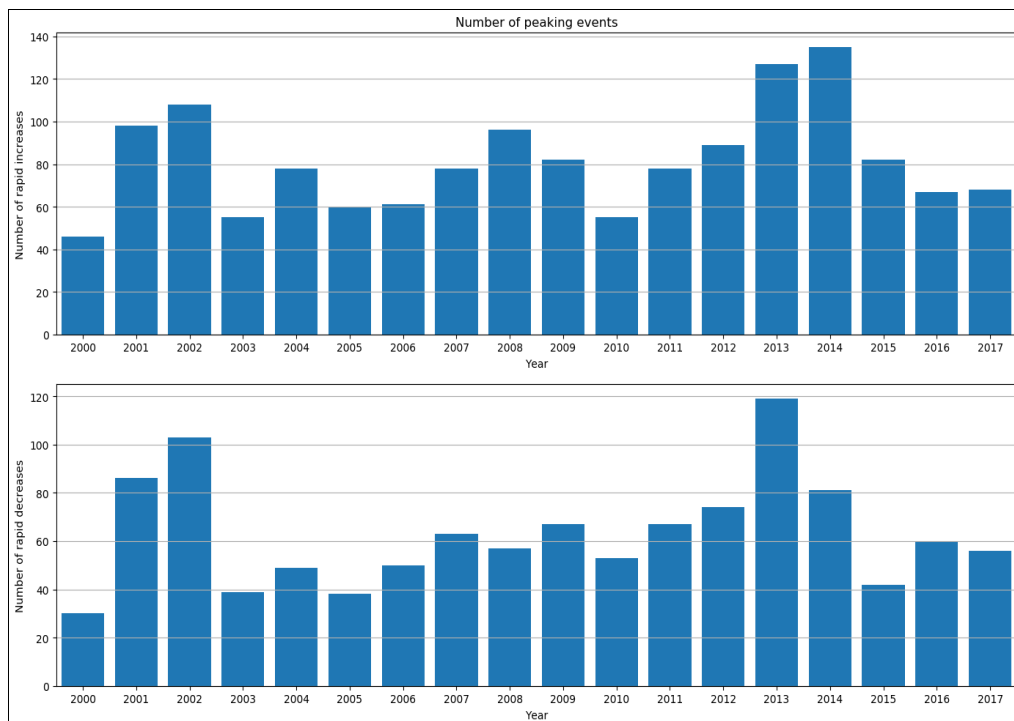


Figure 34. Heisel. Number of peaks per year– Water level

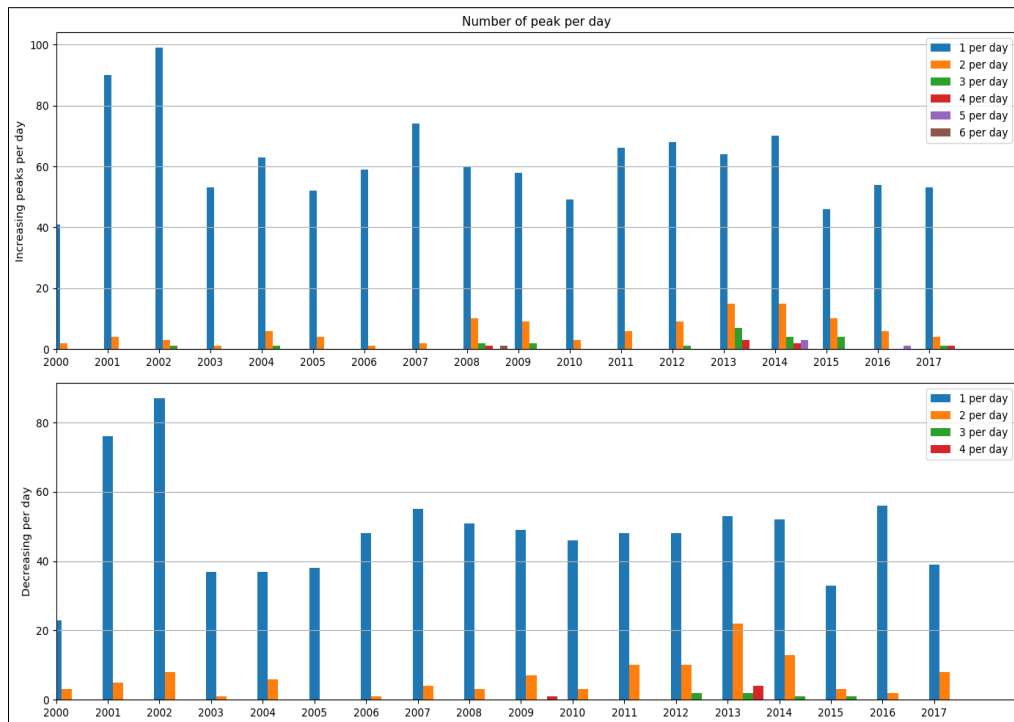


Figure 35. Heisel. Number of peaks per day– Water level

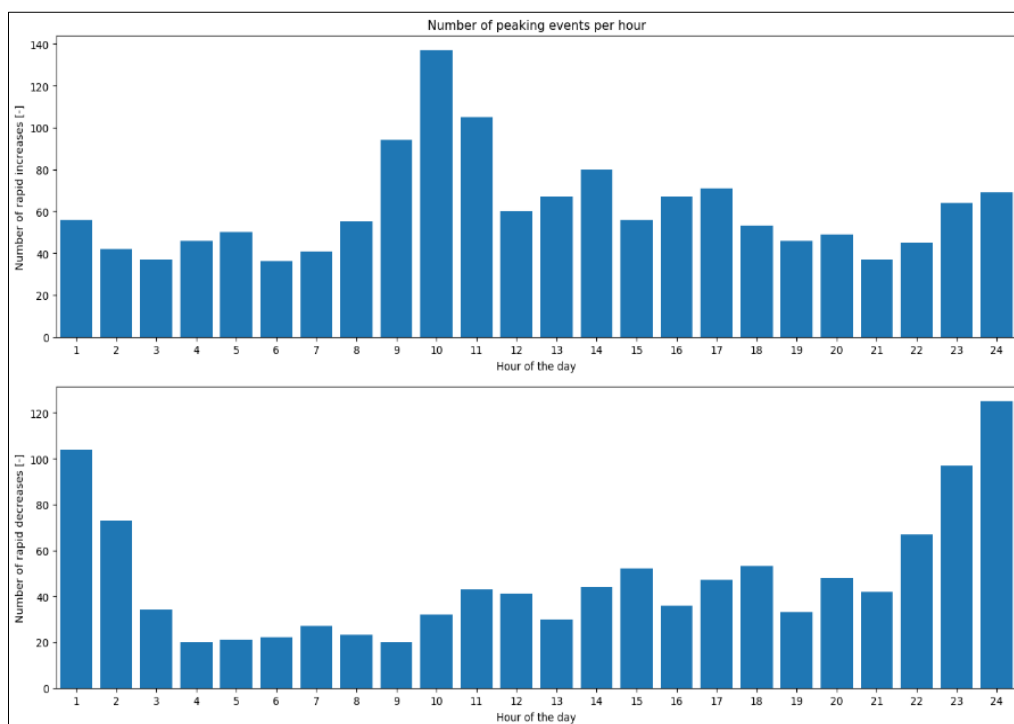


Figure 36. Heisel. Number of peaks per hour– Water level

1.7 HOLM BRU

1.7.1 Discharge

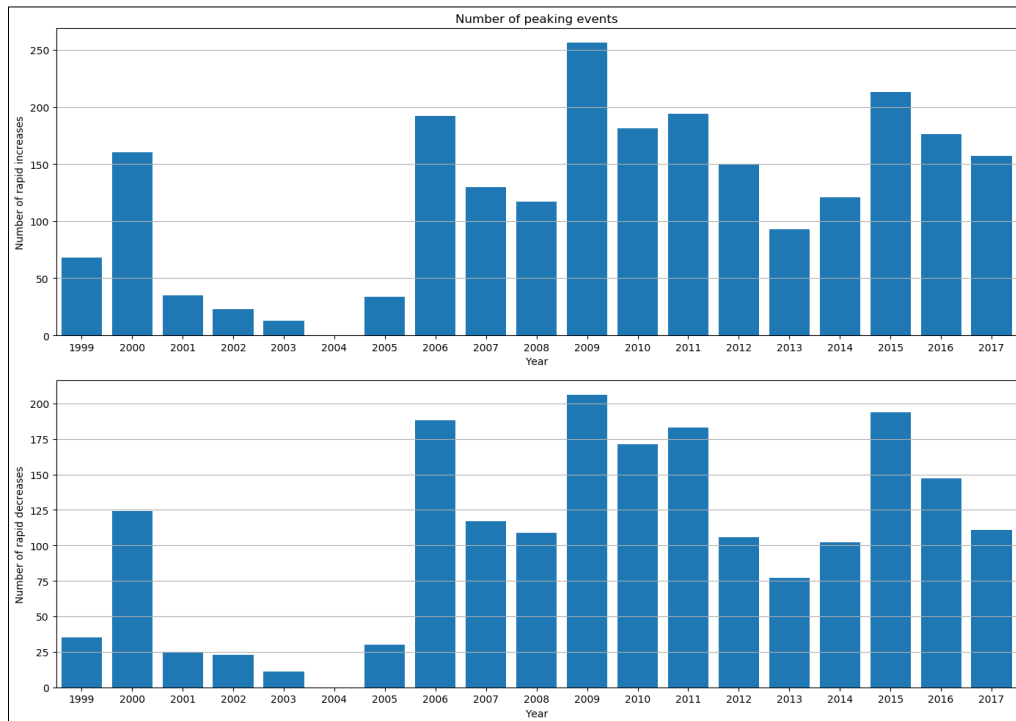


Figure 37. Holm Bru. Number of peaks per year– Discharge

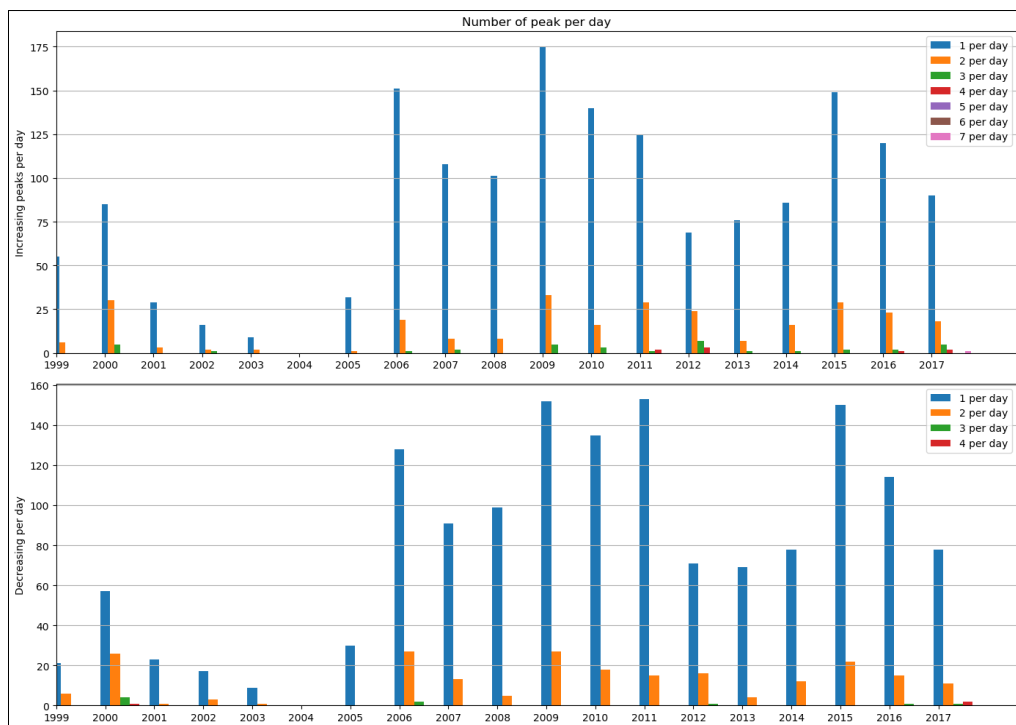


Figure 38. Holm Bru. Number of peaks per day– Discharge

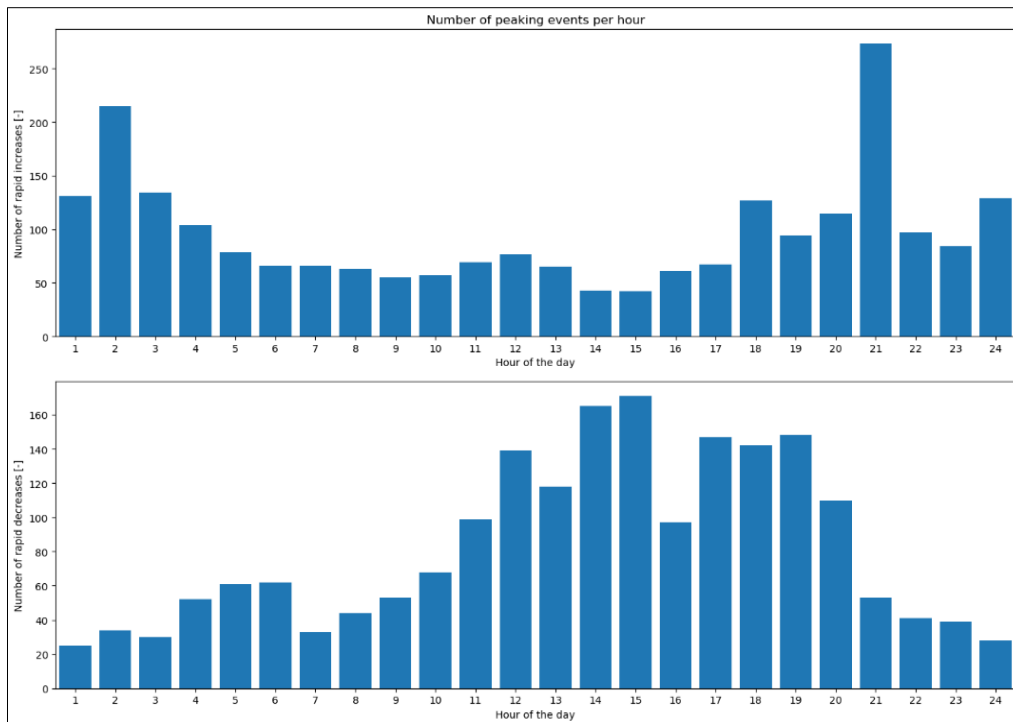


Figure 39. Holm Bru. Number of peaks per hour– Discharge

1.7.2 Water level

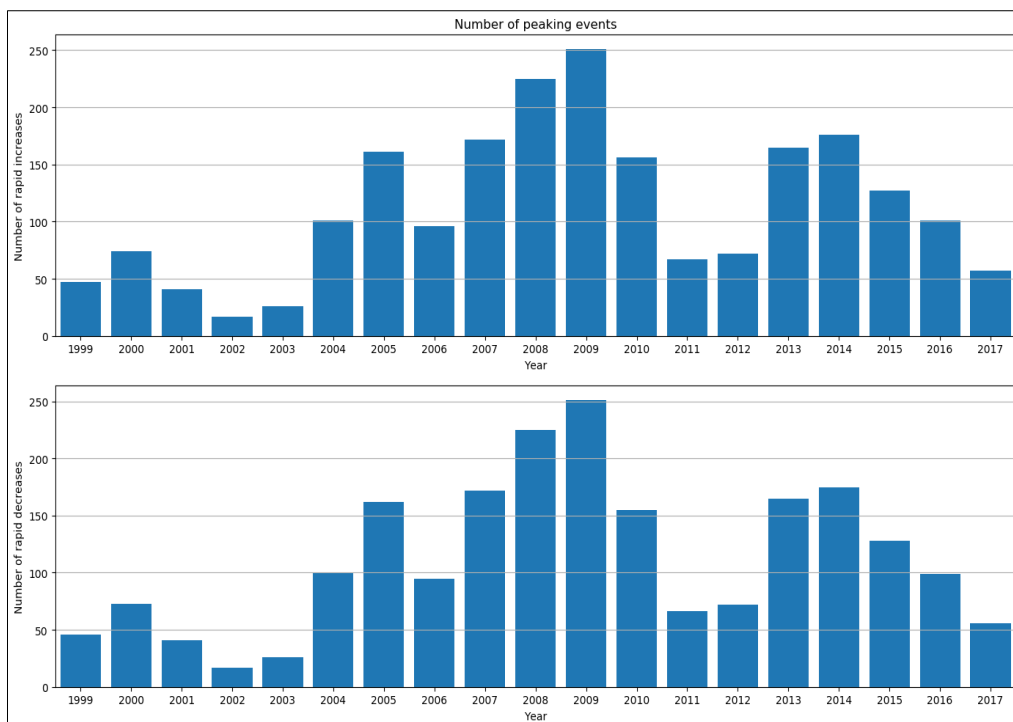


Figure 40. Holm Bru. Number of peaks per year– Water level

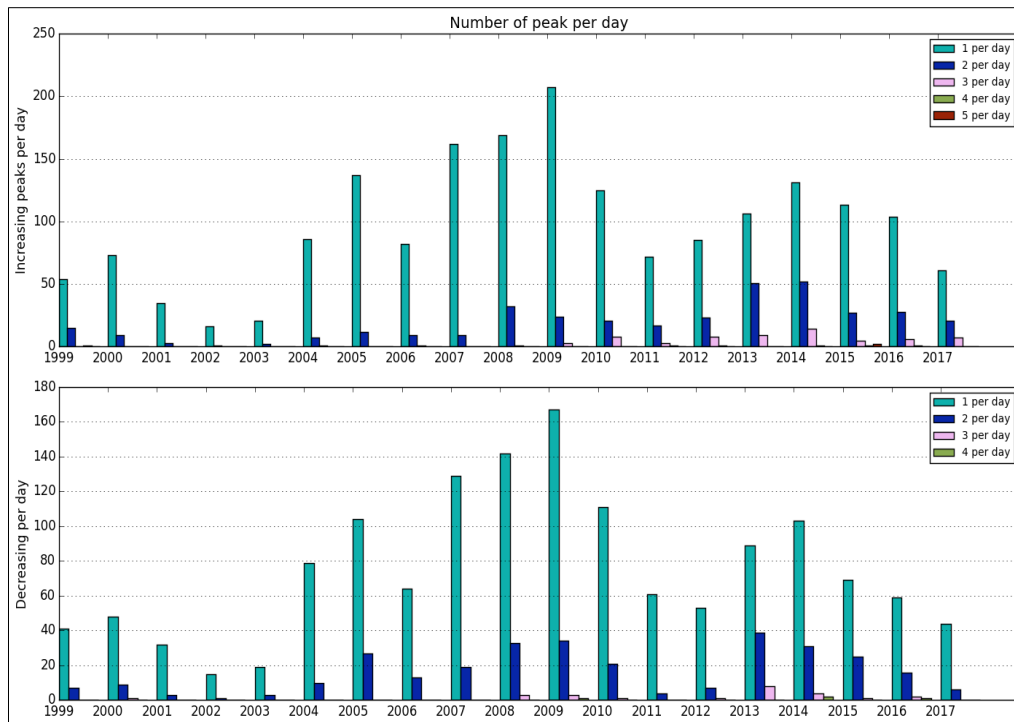


Figure 41. . Holm Bru. Number of peaks per day– Water level

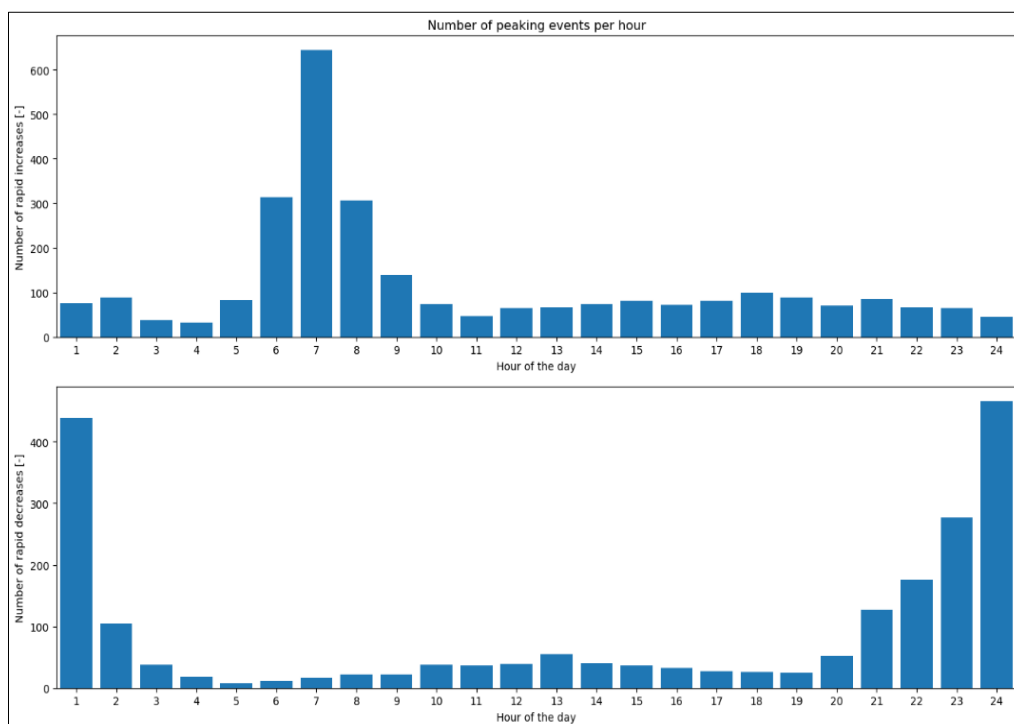


Figure 42. Holm Bru. Number of peaks per hour– Water level

1.8 JØRUNDLAND

1.8.1 Discharge

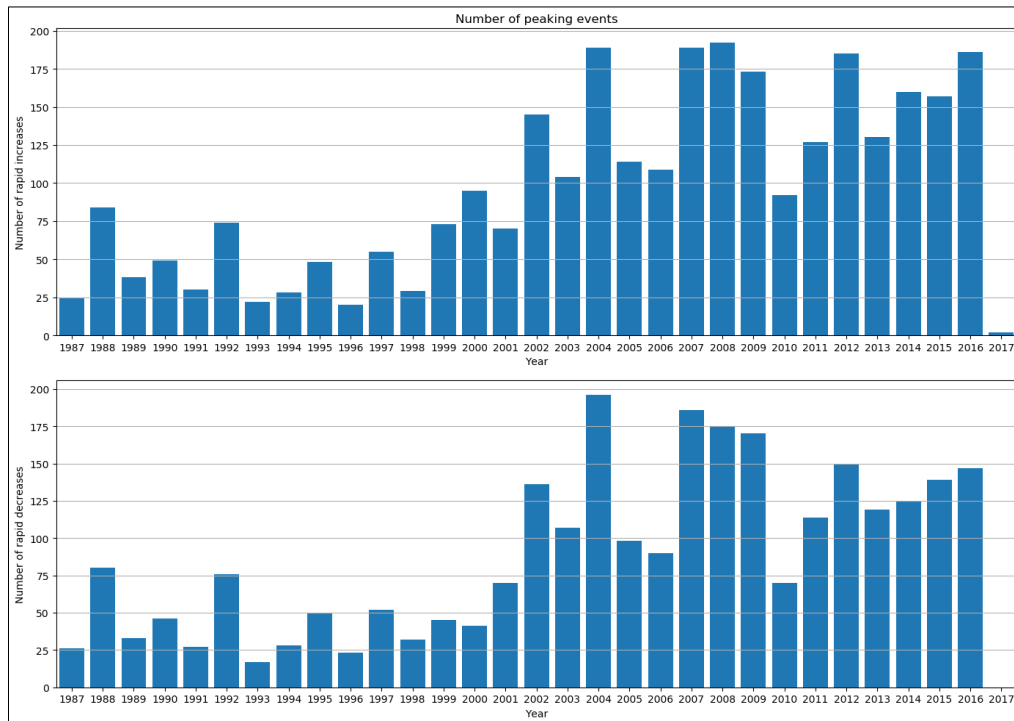


Figure 43. Jørundland. Number of peaks per year– Discharge

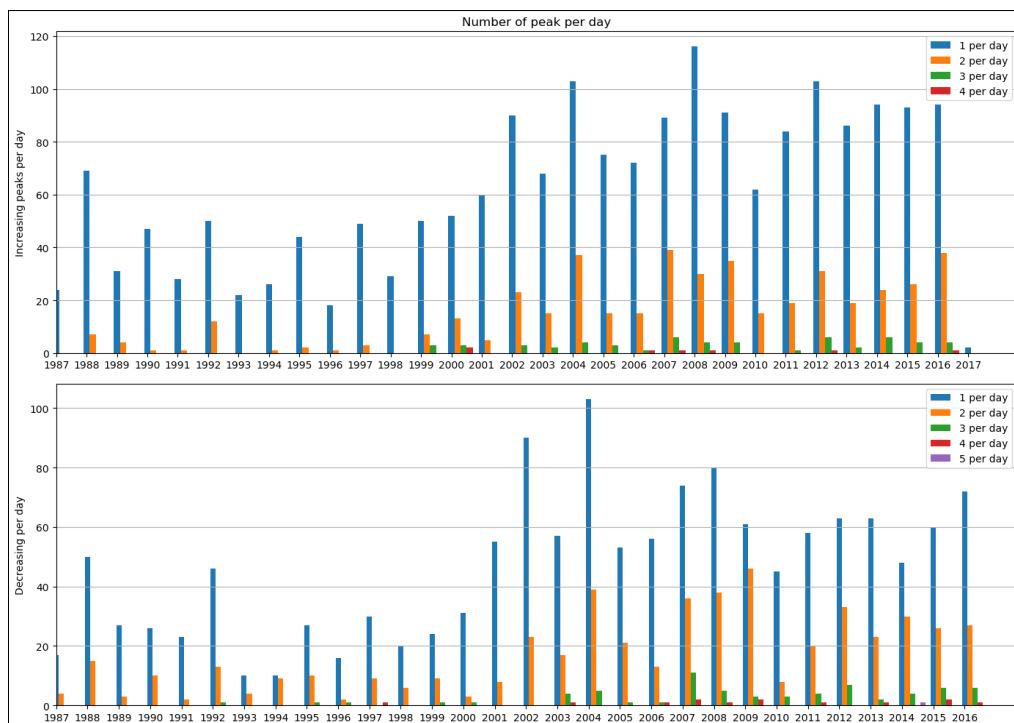


Figure 44. Jørundland. Number of peaks per day– Discharge

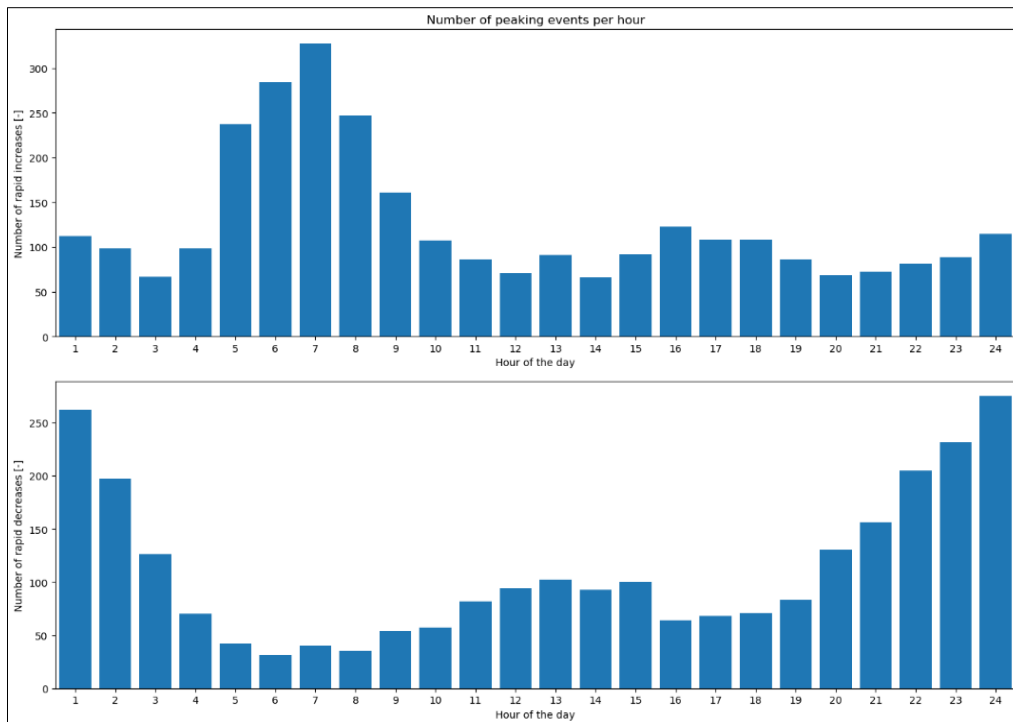


Figure 45. Jørundland. Number of peaks per hour– Discharge

1.8.2 Water level

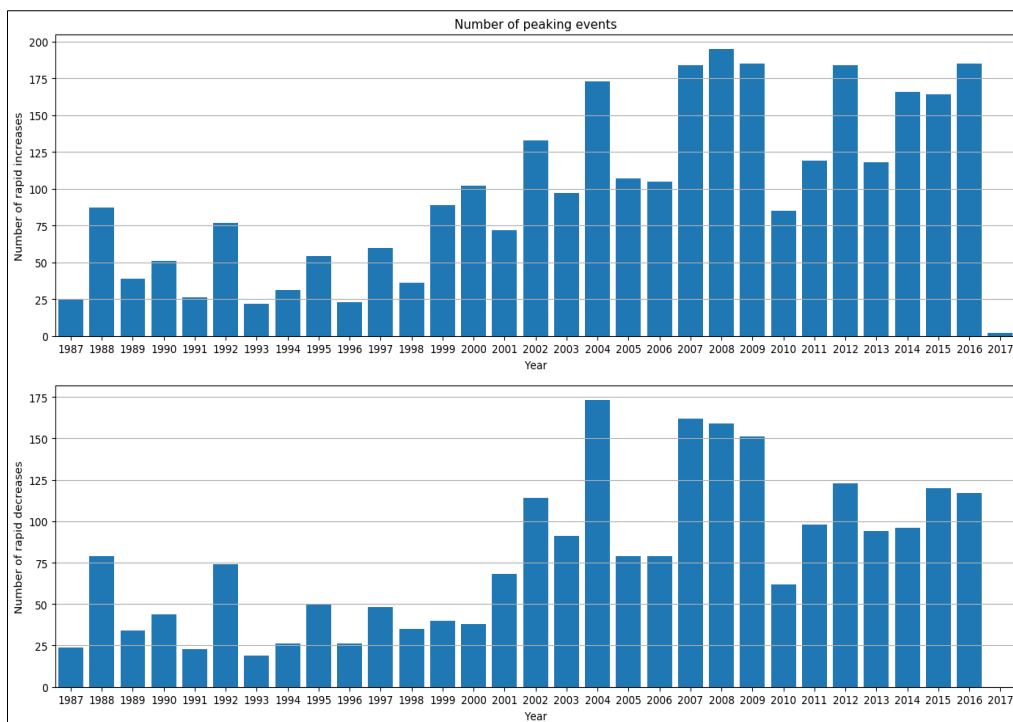


Figure 46. Jørundland. Number of peaks per year– Water level

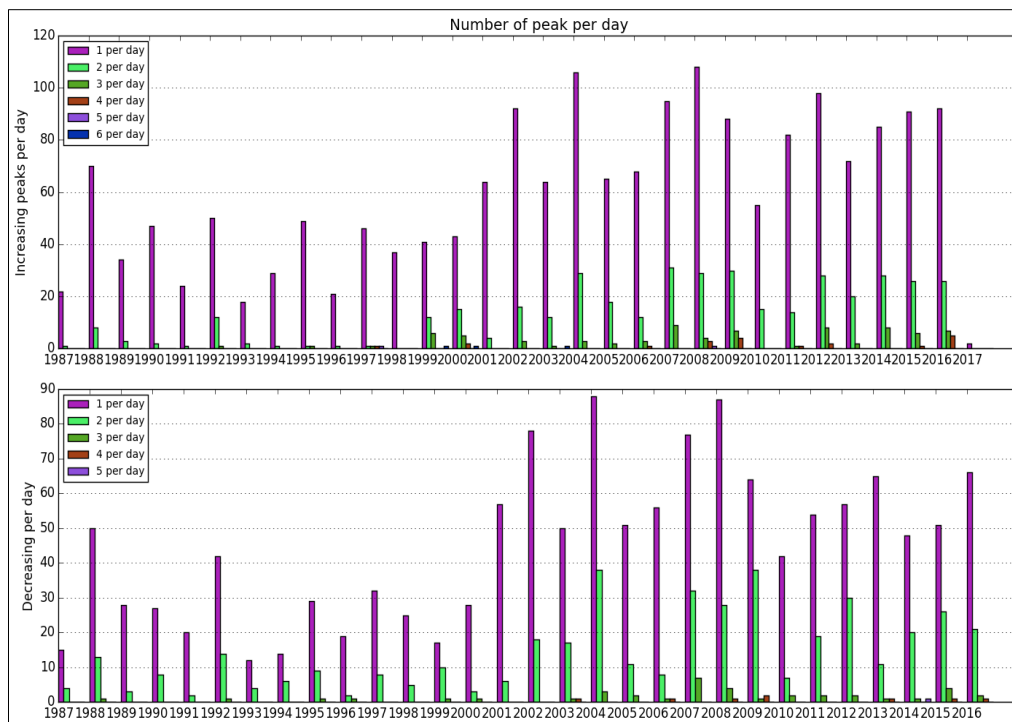


Figure 47. Jørundland. Number of peaks per day– Water level

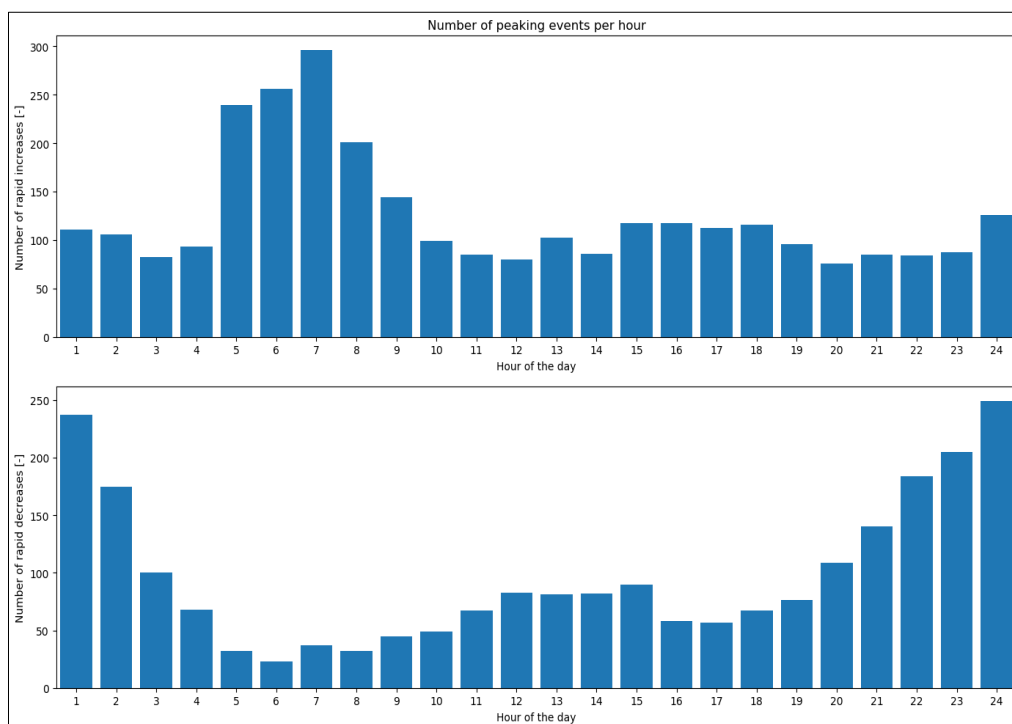


Figure 48. Jørundland. Number of peaks per hour– Water level

1.9 KISTA / CYST

1.9.1 Discharge

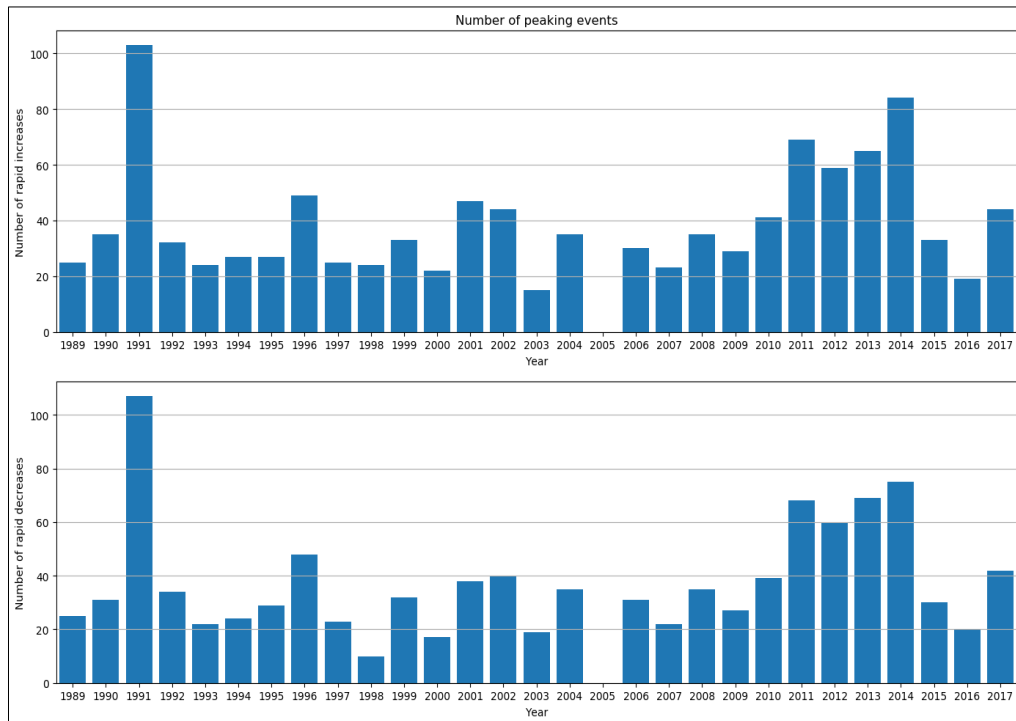


Figure 49. Kista. Number of peaks per year– Discharge

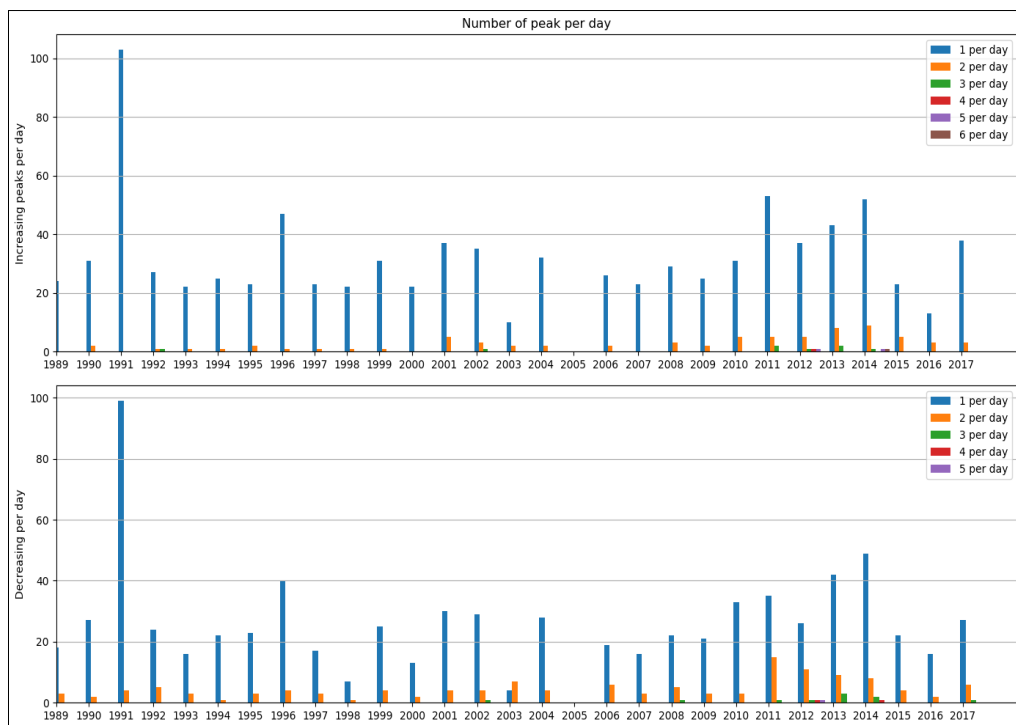


Figure 50. Kista. Number of peaks per day– Discharge

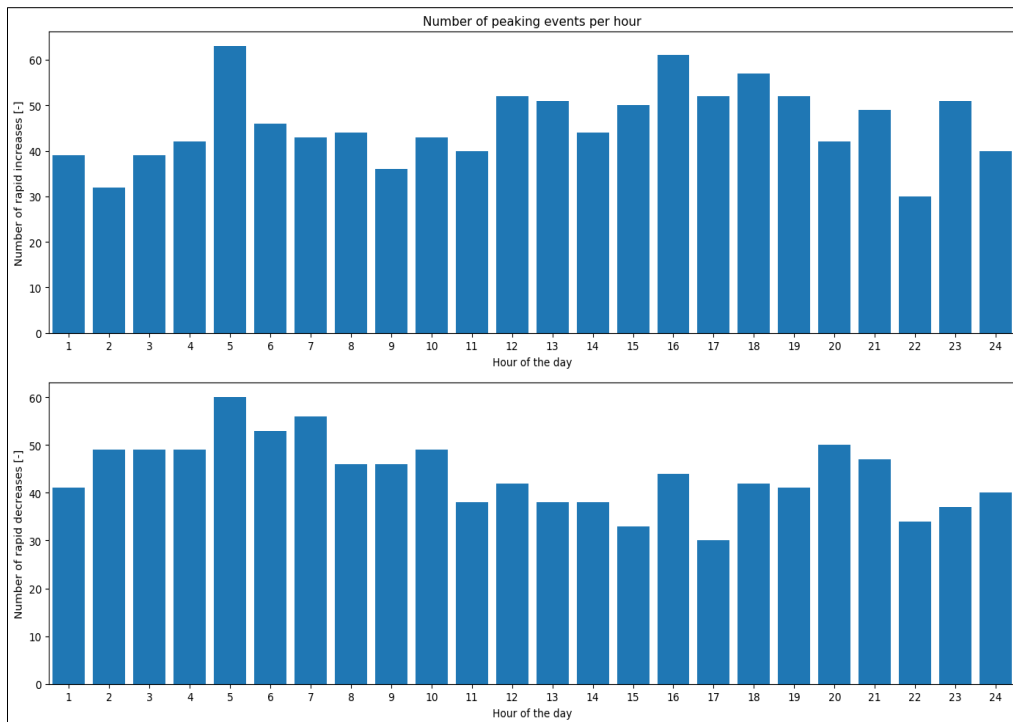


Figure 51. Kista. Number of peaks per hour– Discharge

1.9.2 Water level

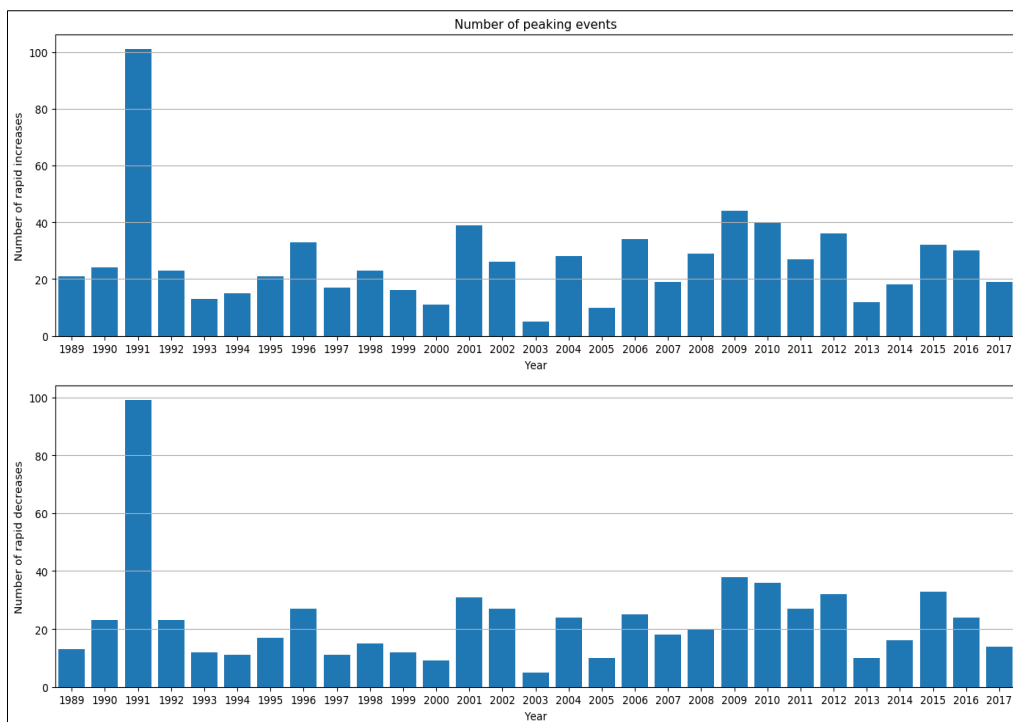


Figure 52. Kista. Number of peaks per year– Water level

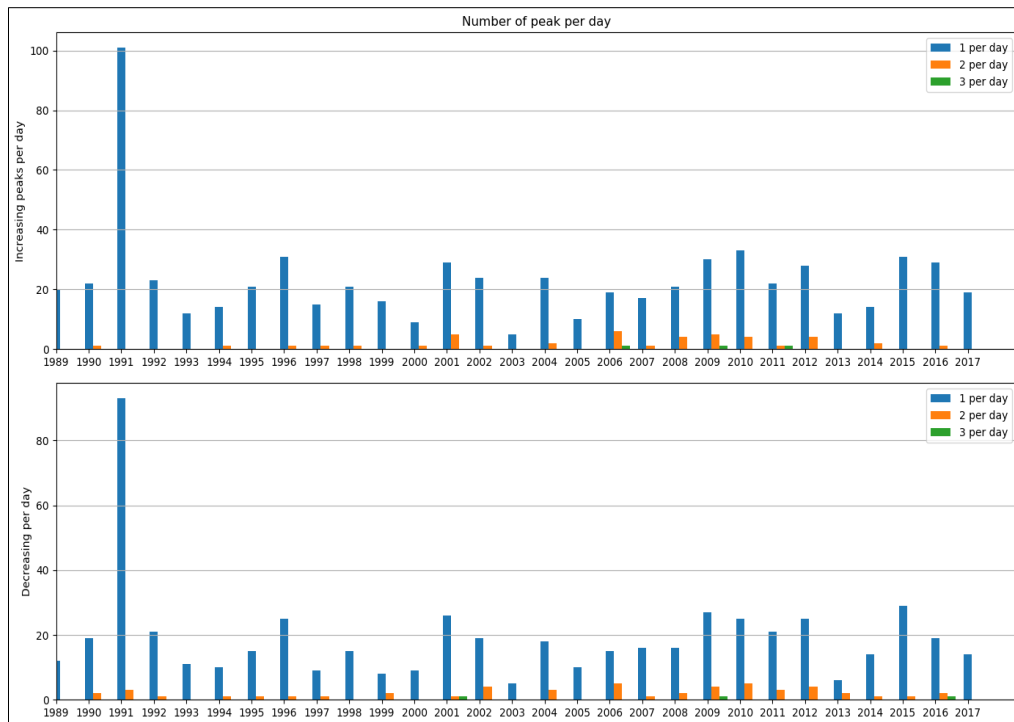


Figure 53. Kista. Number of peaks per day– Water level

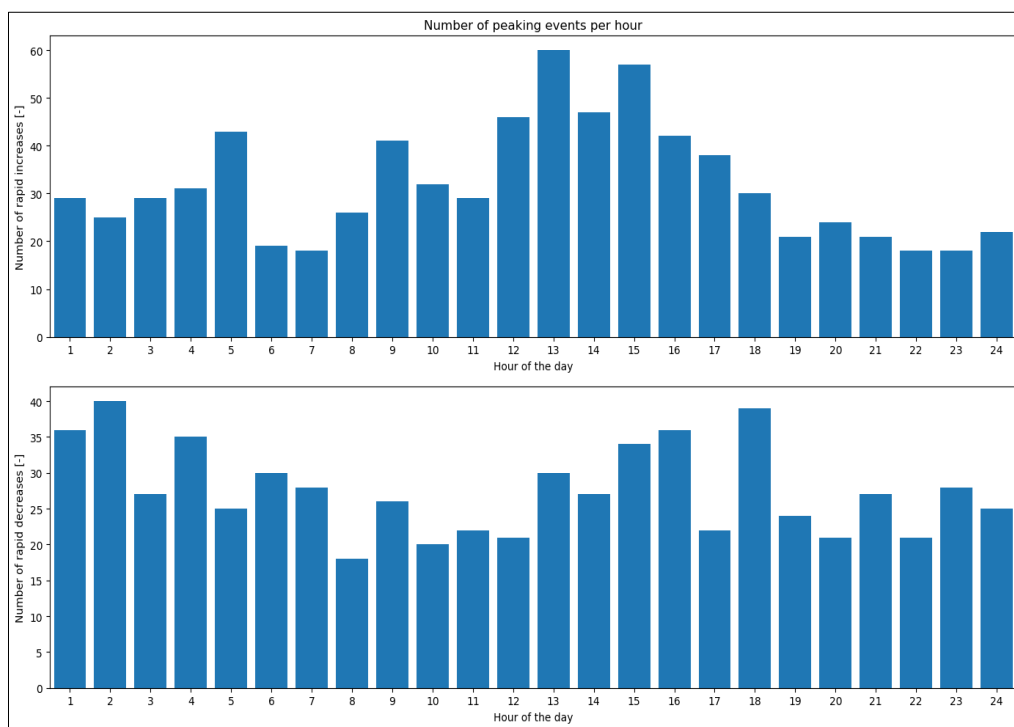


Figure 54. Kista. Number of peaks per hour– Water level

1.10 KJØLEMO

1.10.1 Discharge

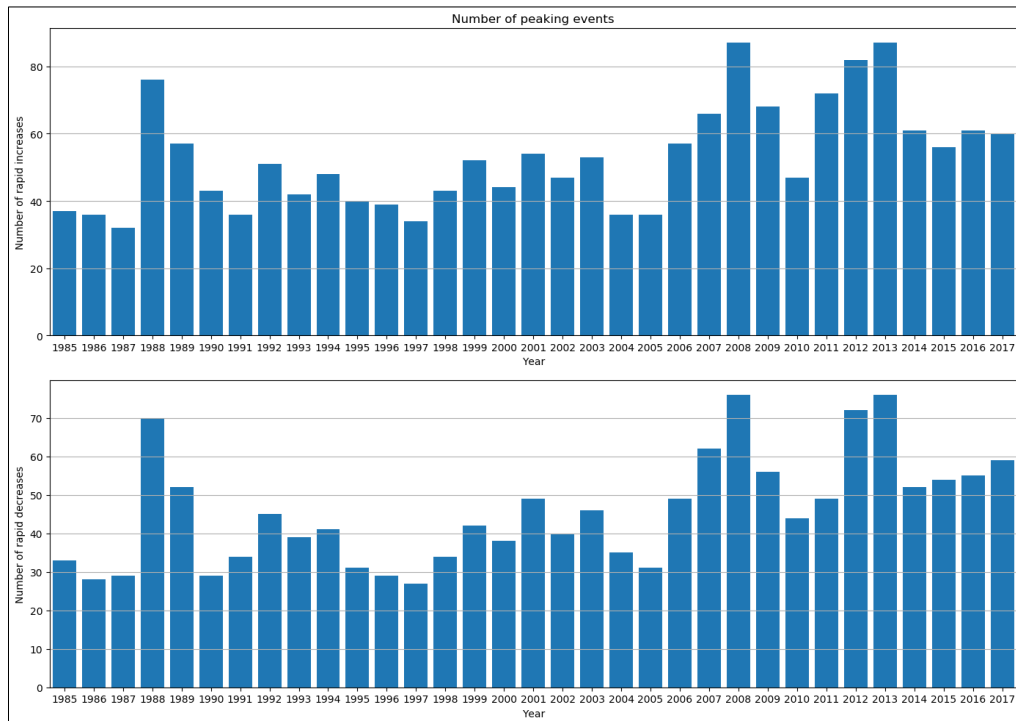


Figure 55. Kjølmo. Number of peaks per year– Discharge

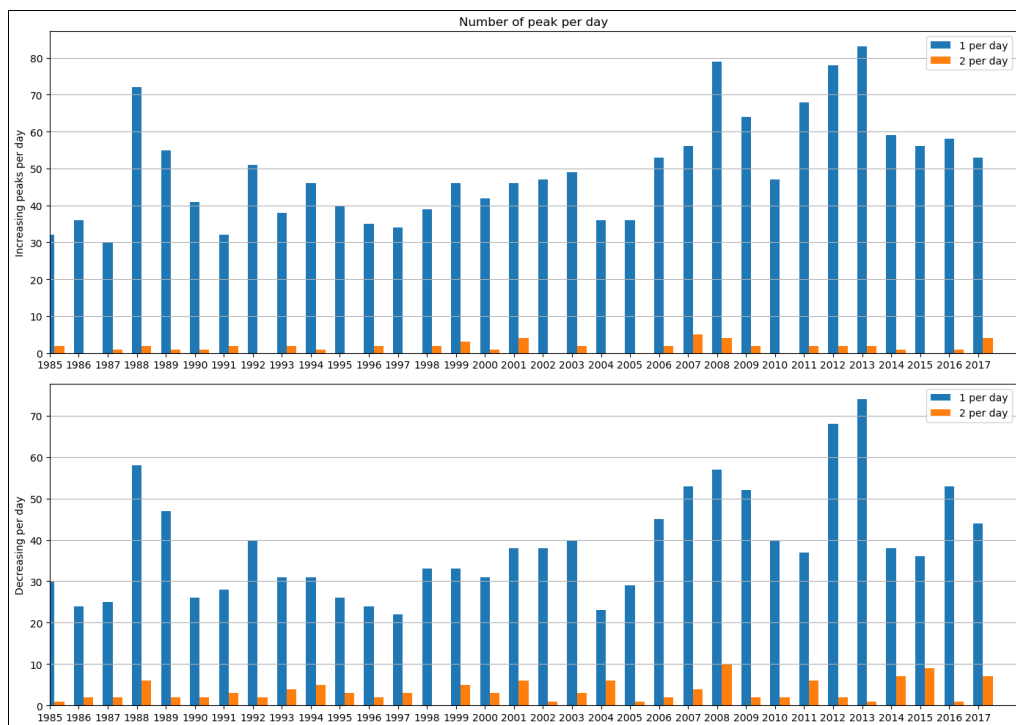


Figure 56. Kjølmo. Number of peaks per day– Discharge

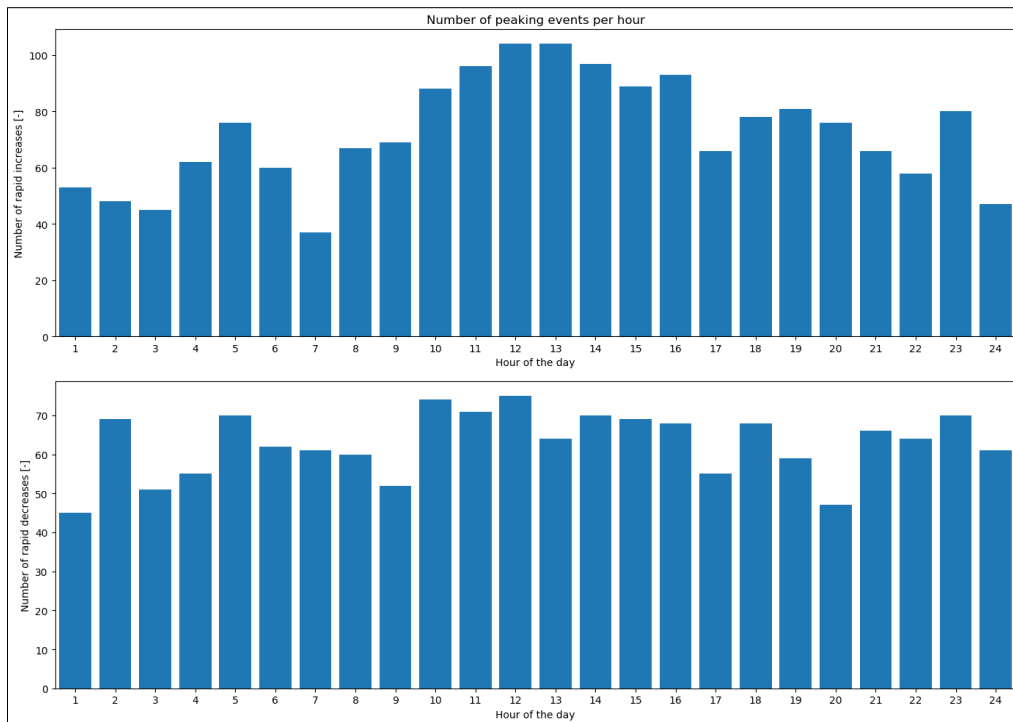


Figure 57. Kjølemo. Number of peaks per hour– Discharge

1.10.2 Water level

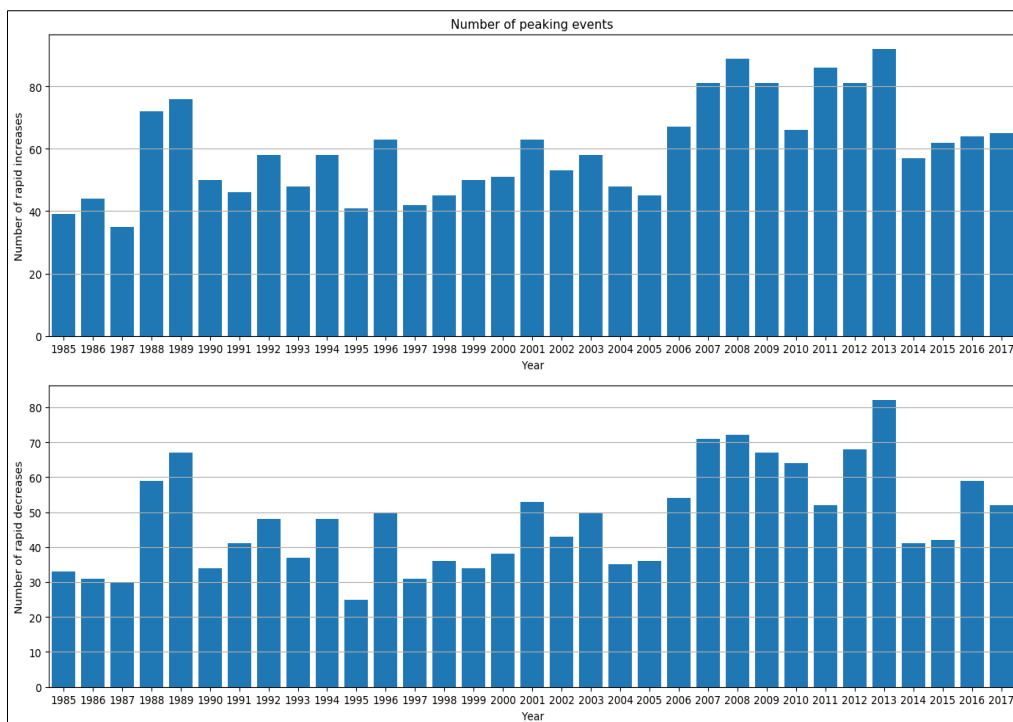


Figure 58. Kjølemo. Number of peaks per year– Water level

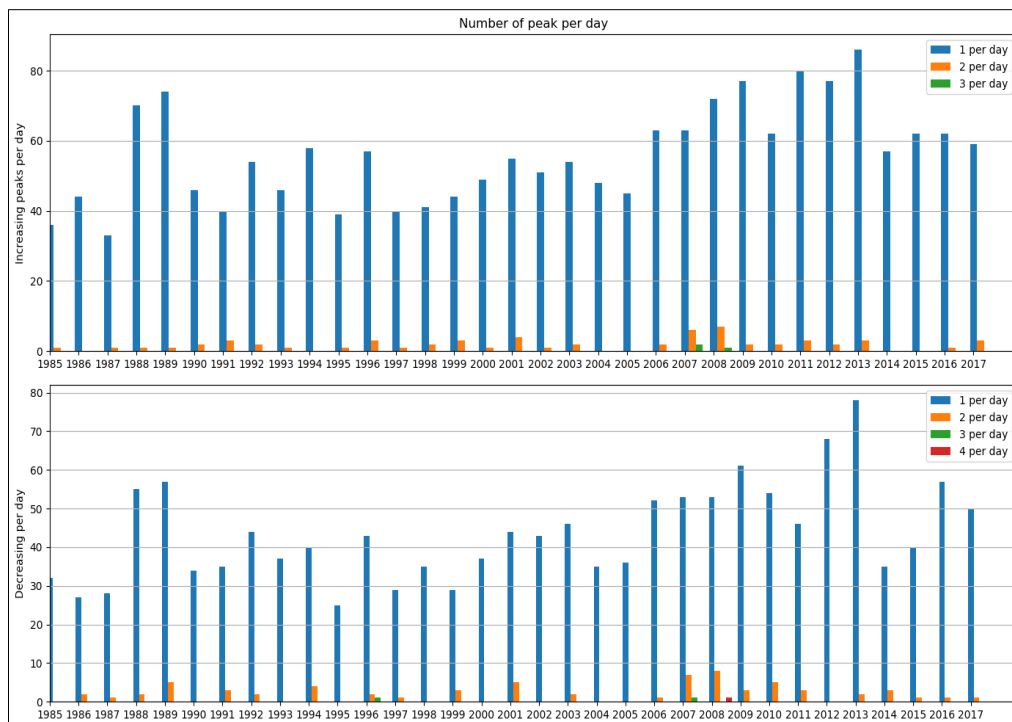


Figure 59. Kjølmo. Number of peaks per day - Water level

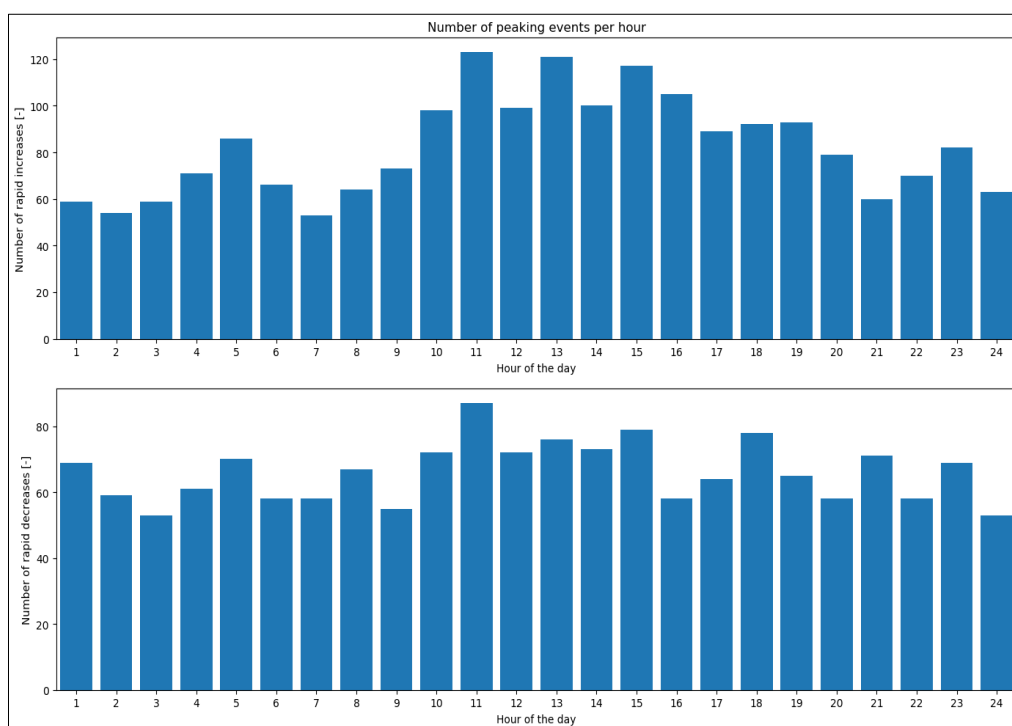


Figure 60. Kjølmo. Number of peaks per hour– Water level

1.11 KOB BVATN

1.11.1 Discharge

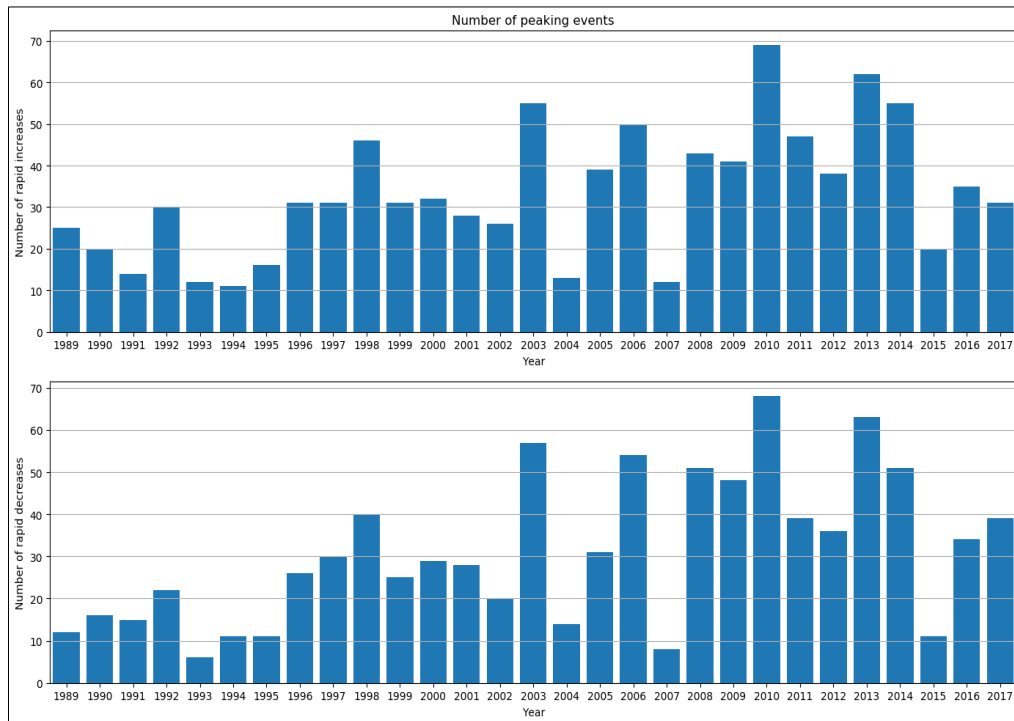


Figure 61. Kobbvatn. Number of peaks per year– Discharge

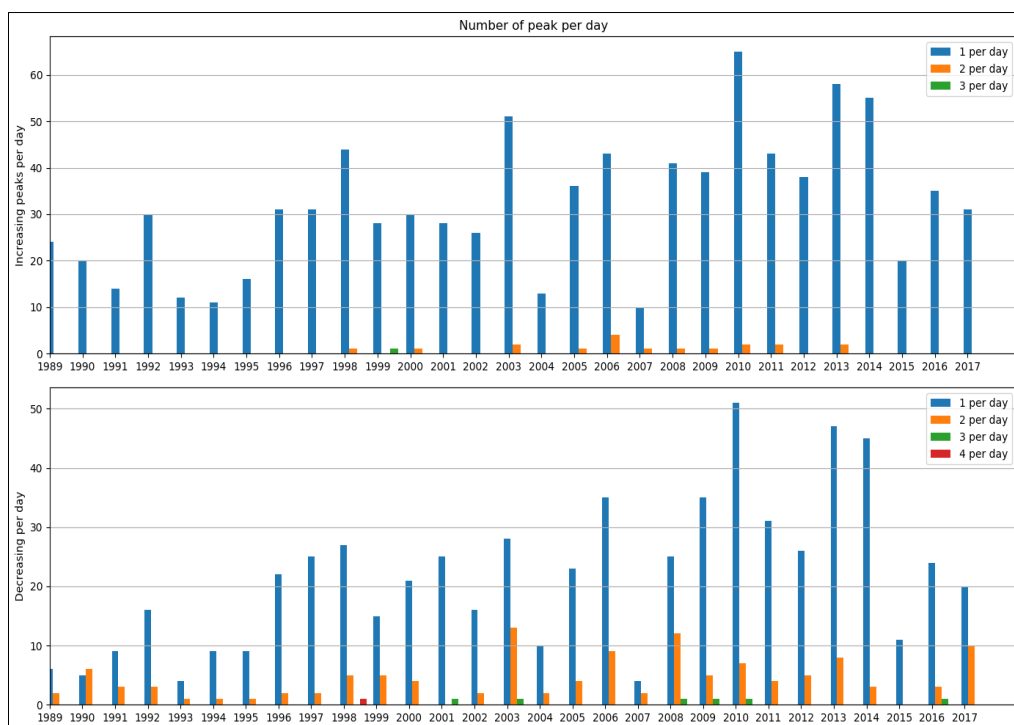


Figure 62. Kobbvatn. Number of peaks per day– Discharge

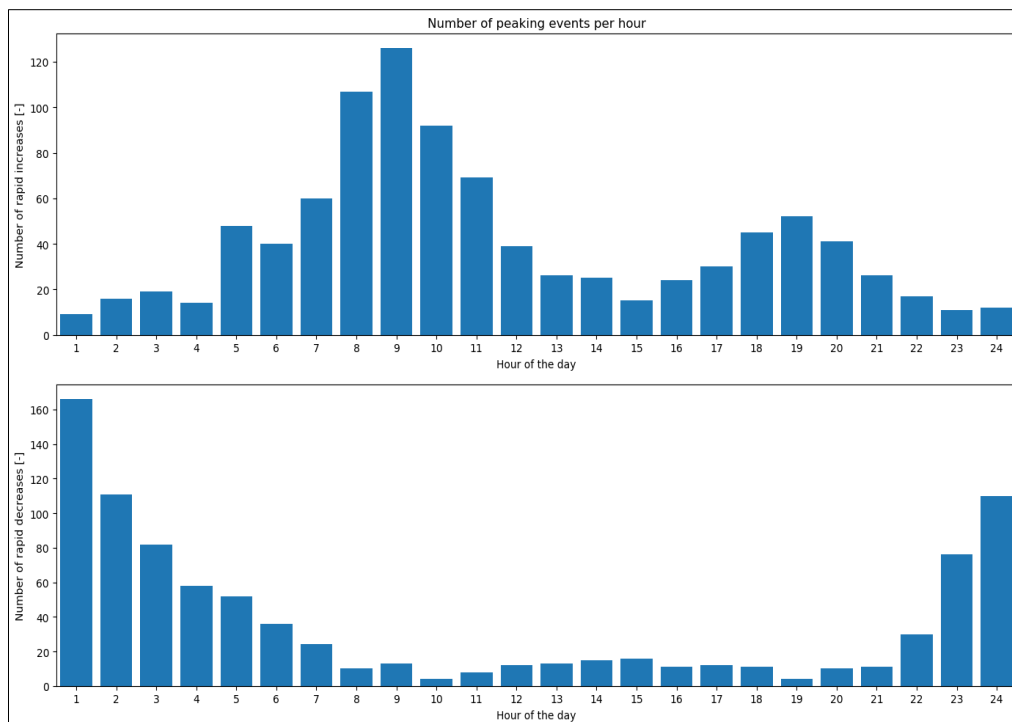


Figure 63. Kobbvatn. Number of peaks per hour– Discharge

1.11.2 Water level

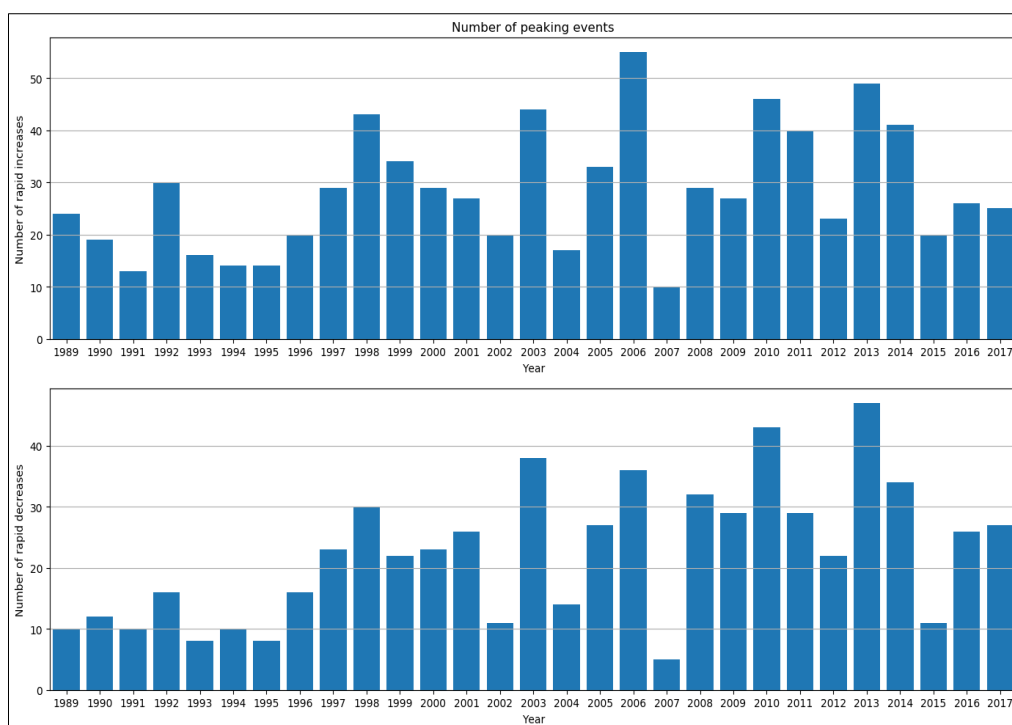


Figure 64. Kobbvatn. Number of peaks per year– Water level

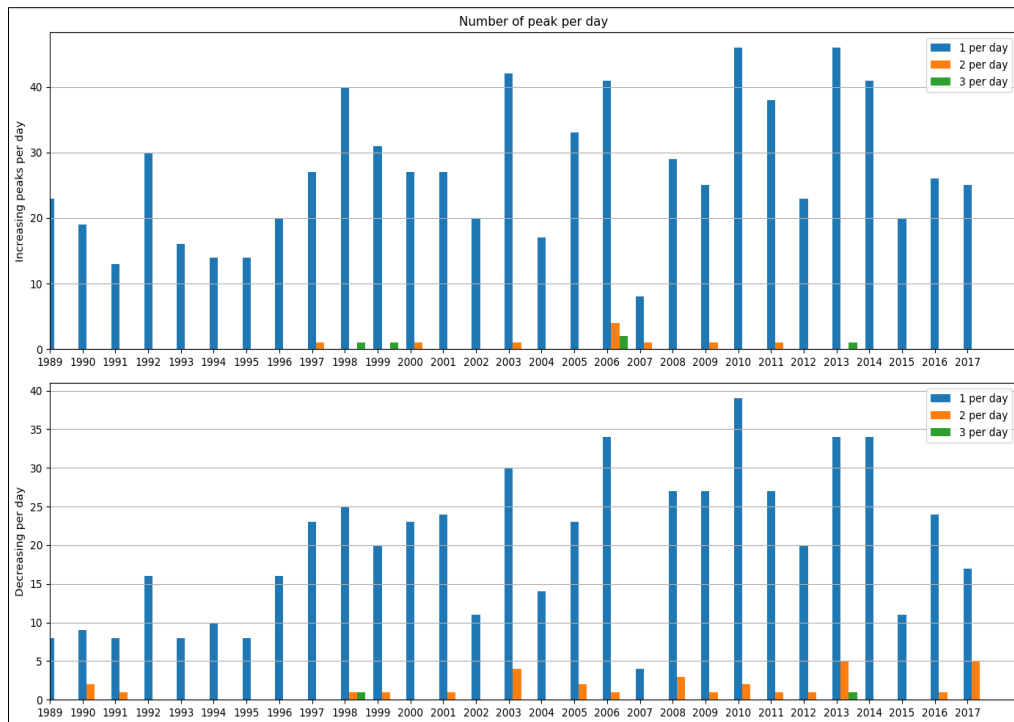


Figure 65. . Kobbvatn. Number of peaks per day– Water level

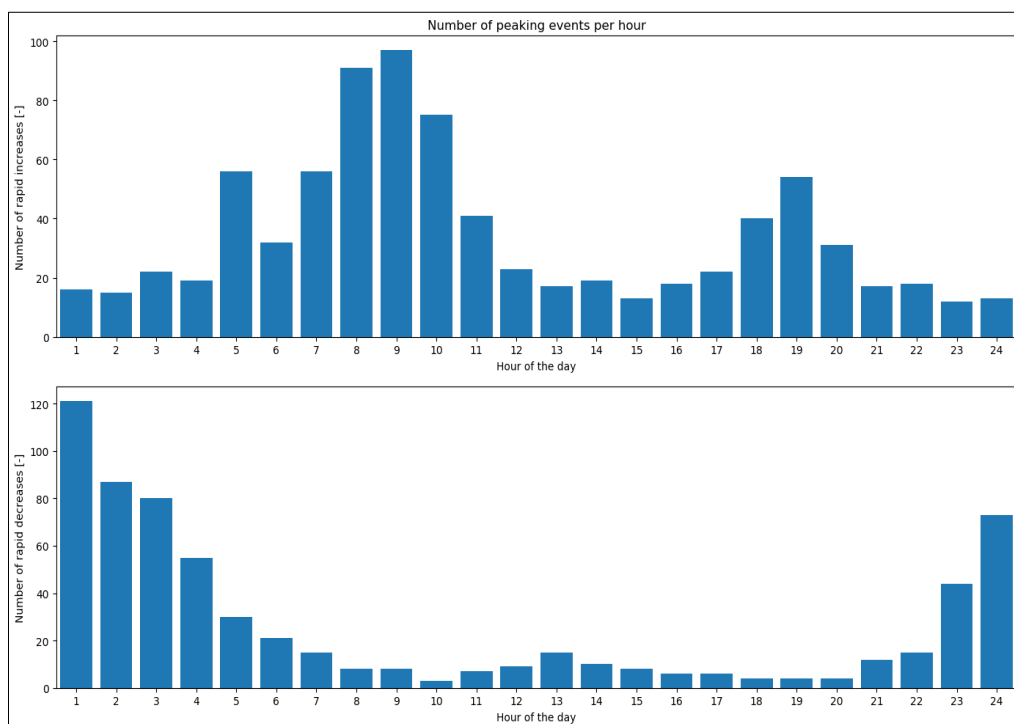


Figure 66. . Kobbvatn. Number of peaks per hour– Water level

1.12 KONGSFJORDELV

1.12.1 Discharge

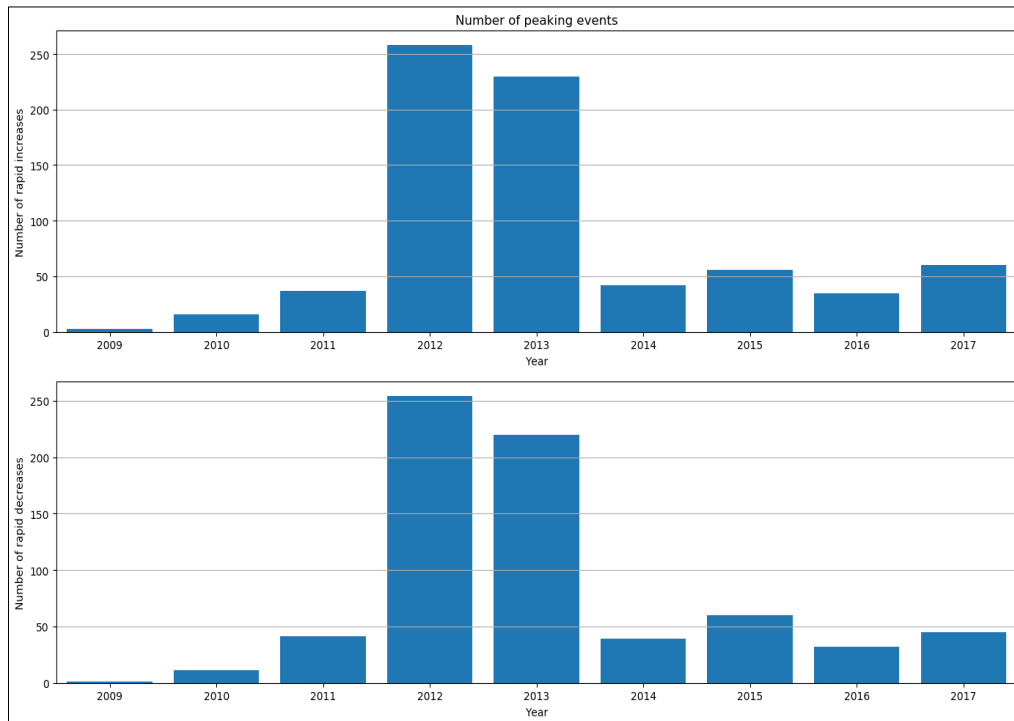


Figure 67. Kongsfjordelv. Number of peaks per year– Discharge

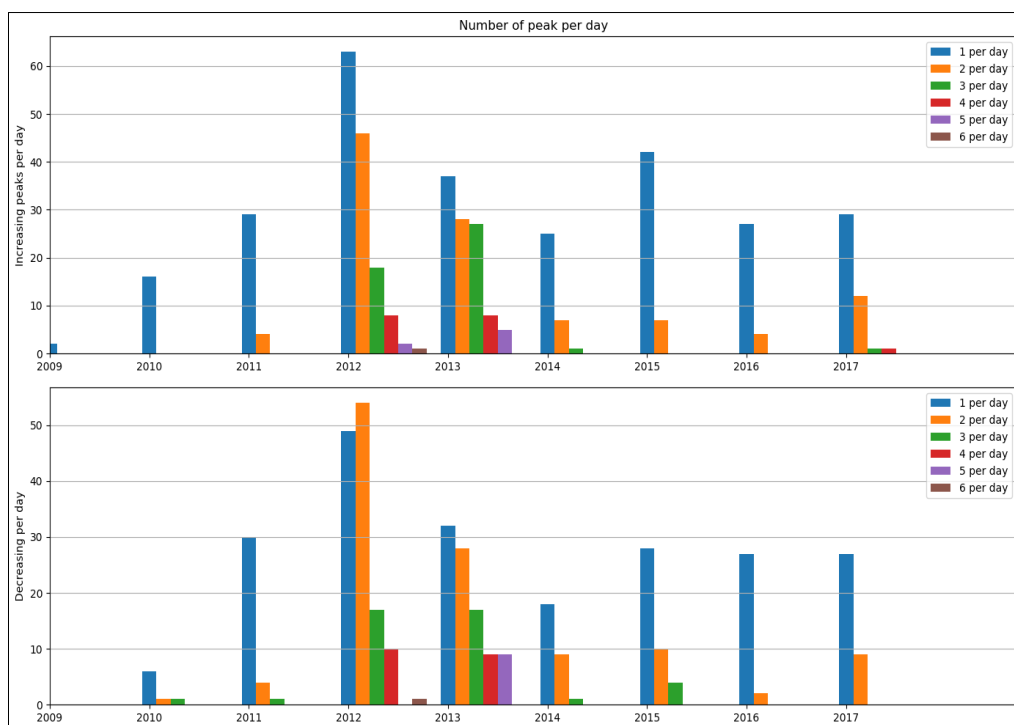


Figure 68. Kongsfjordelv. Number of peaks per day– Discharge

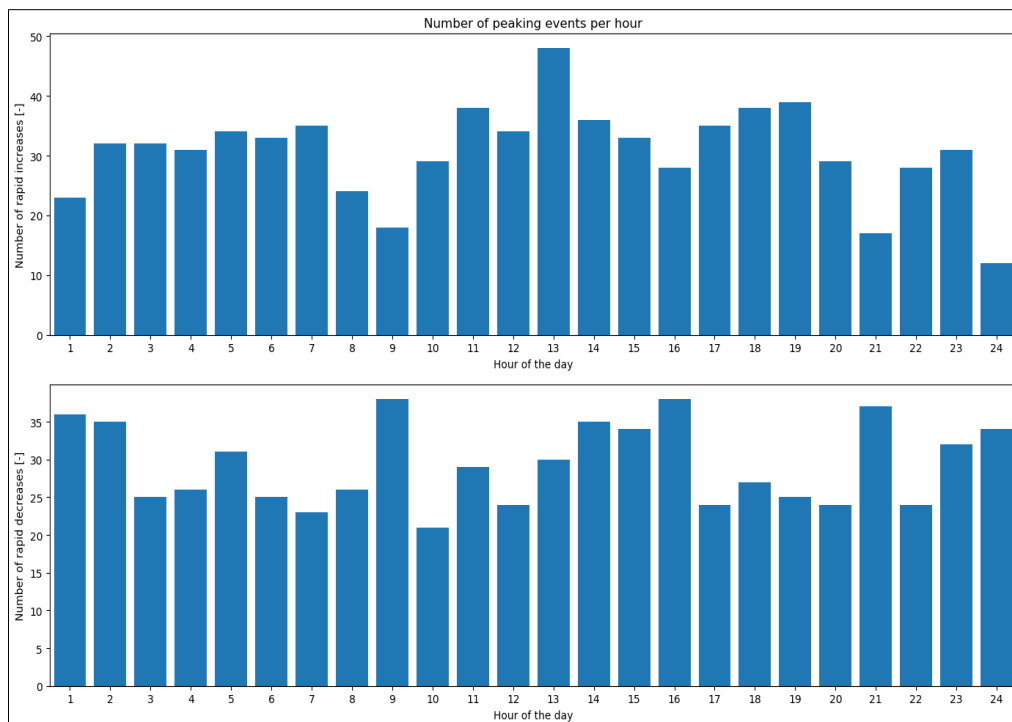


Figure 69. Kongsfjordelv. Number of peaks per hour– Discharge

1.12.2 Water level

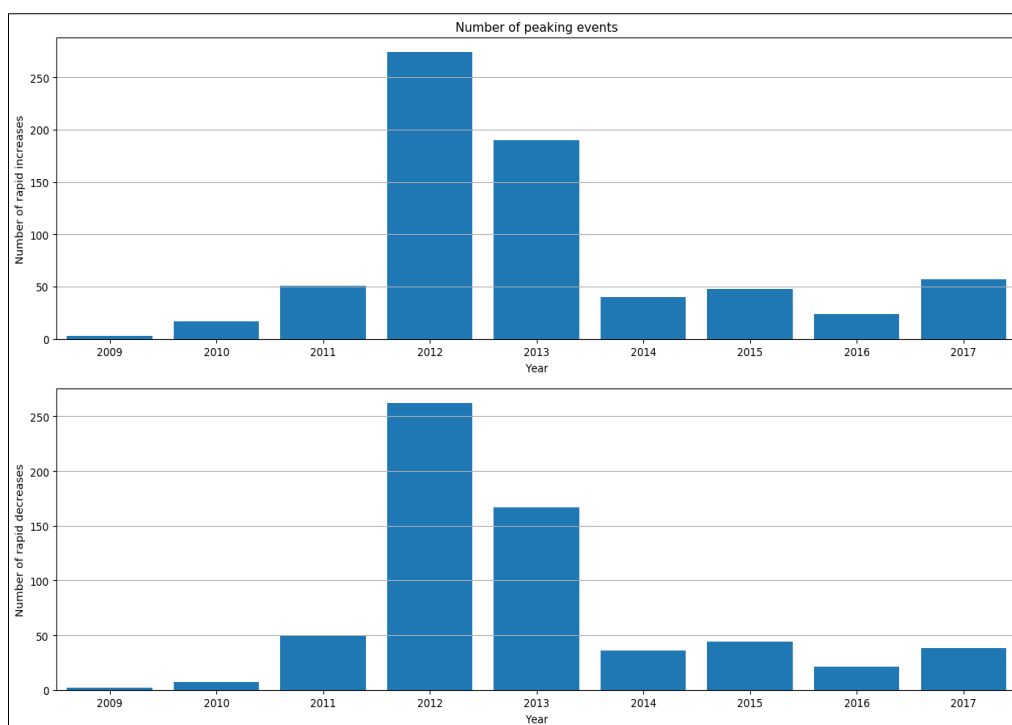


Figure 70. Kongsfjordelv. Number of peaks per year– Water level

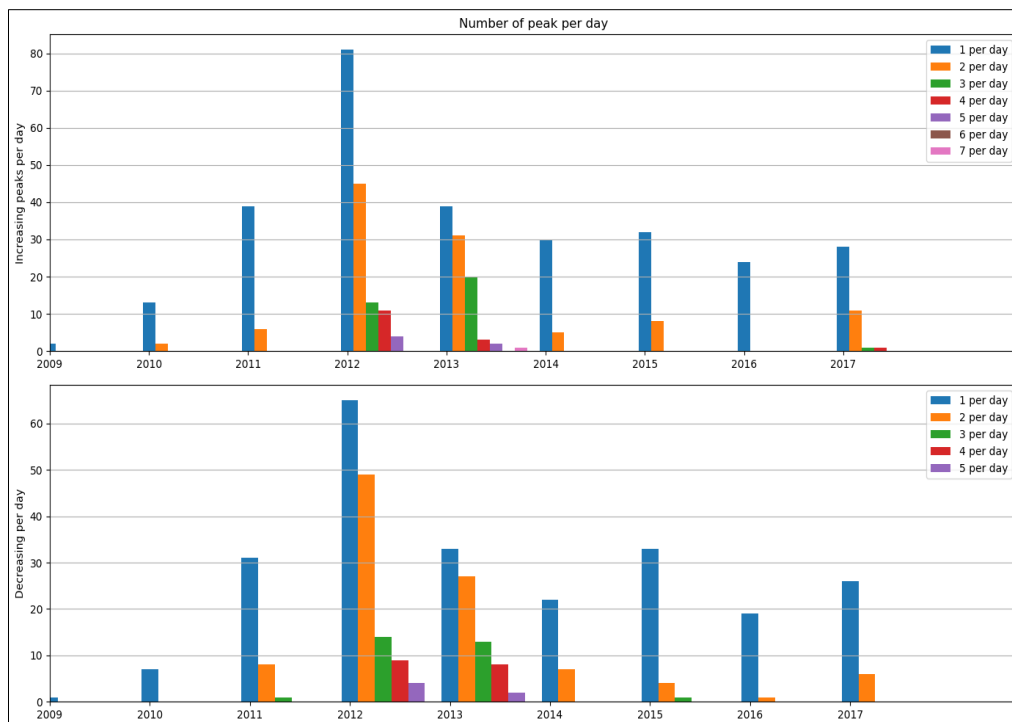


Figure 71. Kongsfjordelv. Number of peaks per day– Water level

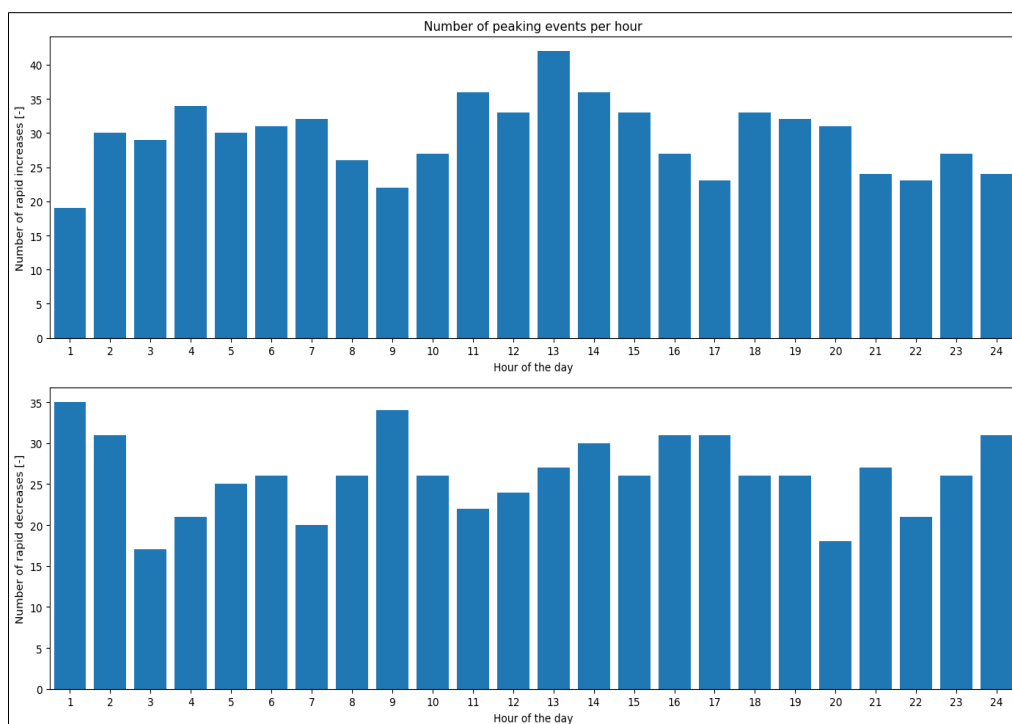


Figure 72. Kongsfjordelv. Number of peaks per hour– Water level

1.13 KONGSFJORDFOSS

1.13.1 Discharge

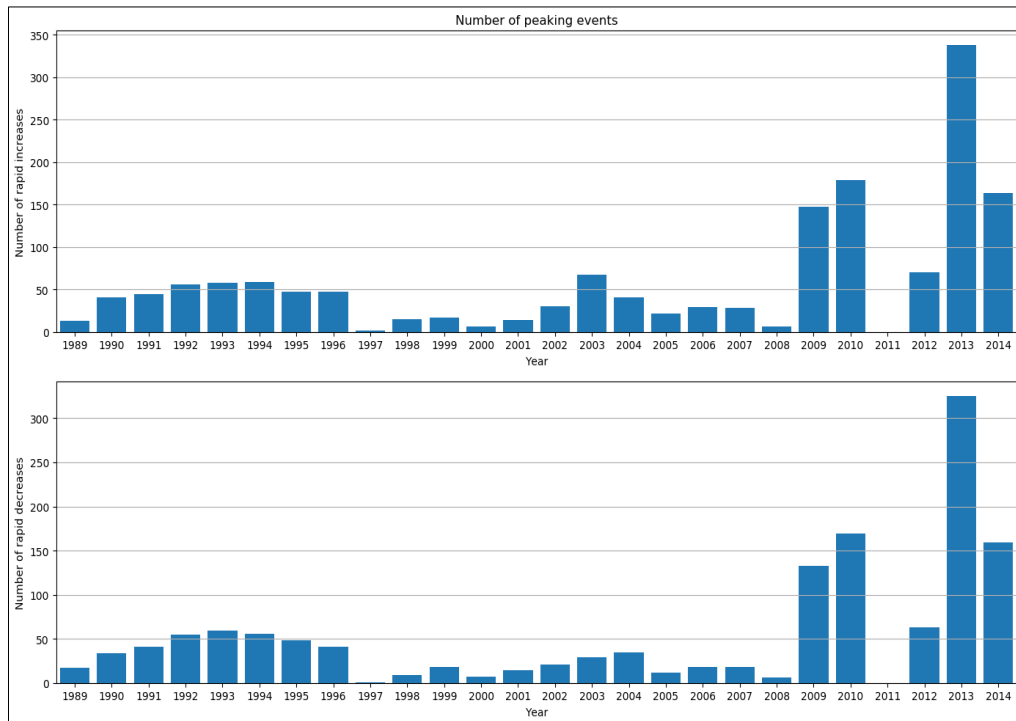


Figure 73. Kongsfjordfoss. Number of peaks per year– Discharge

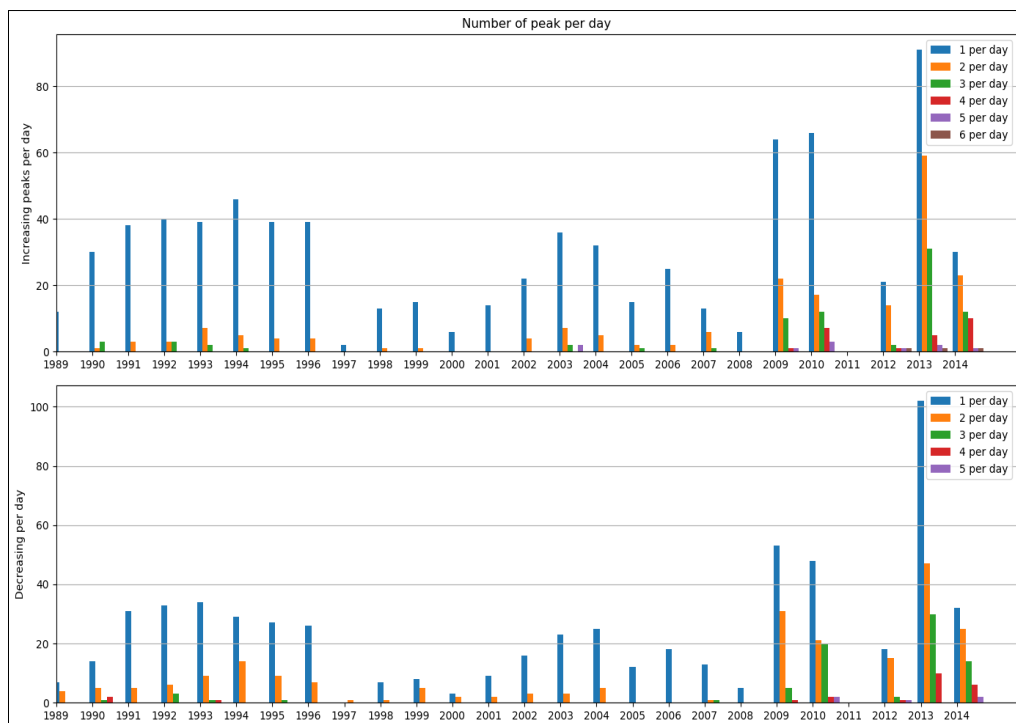


Figure 74. Kongsfjordfoss. Number of peaks per day– Discharge

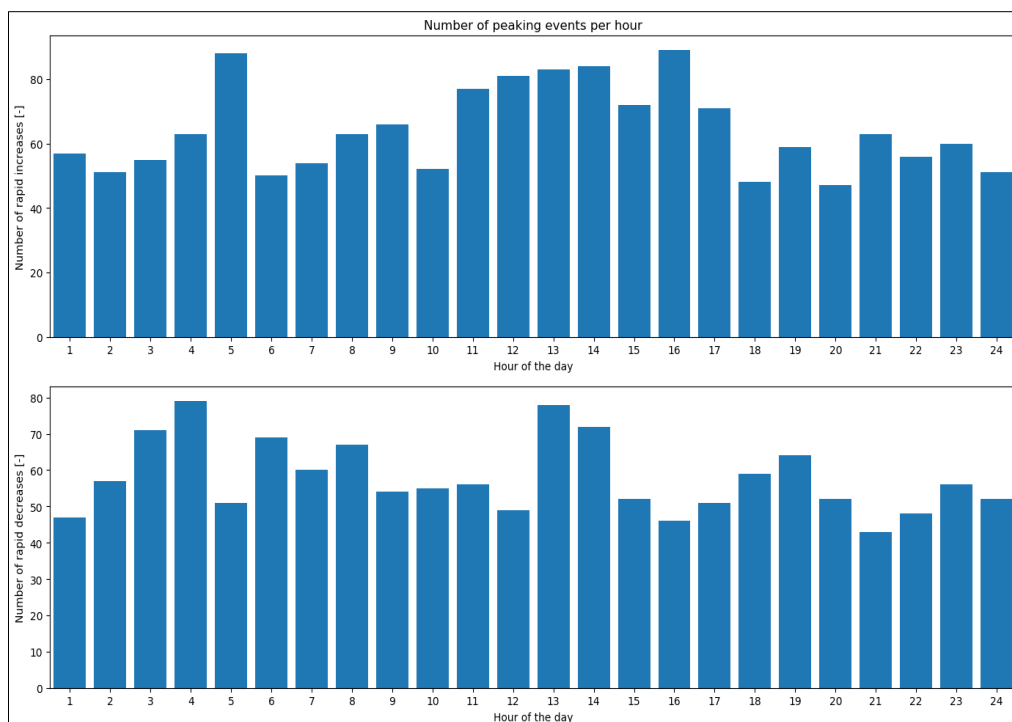


Figure 75. Kongsfjordfoss. Number of peaks per hour– Discharge

1.13.2 Water level

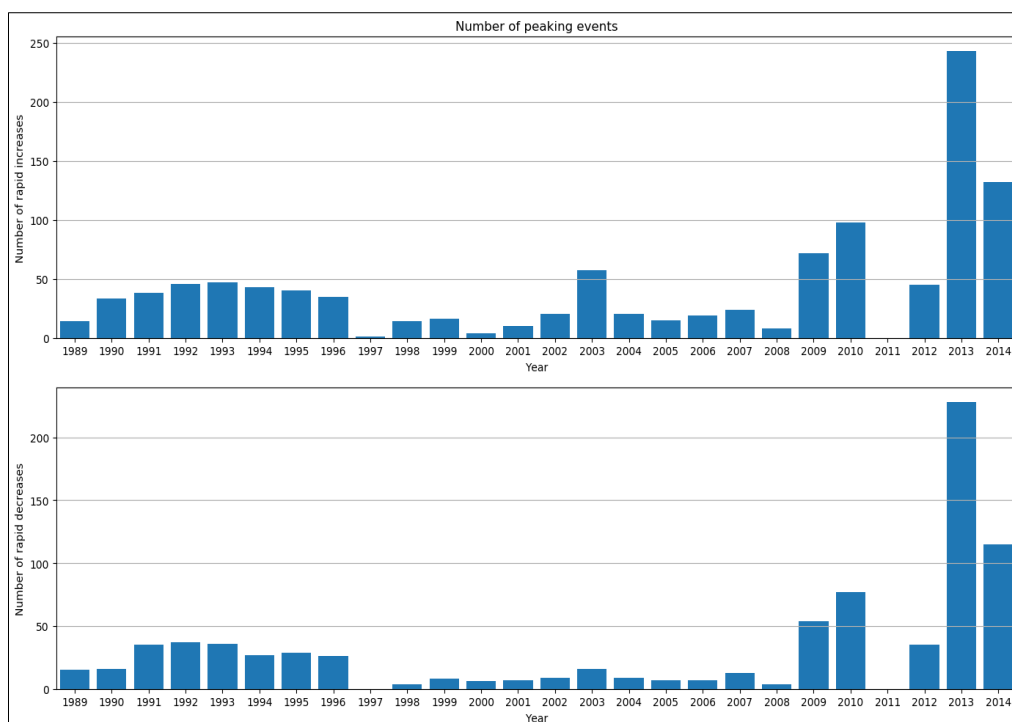


Figure 76. Kongsfjordfoss. Number of peaks per year– Water level

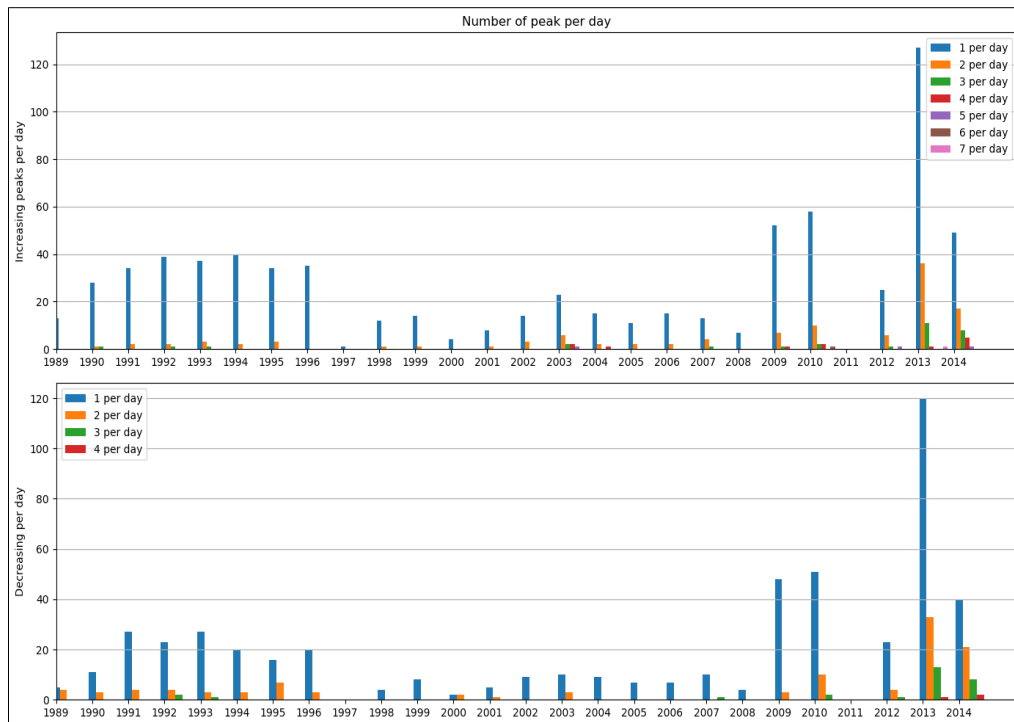


Figure 77. Kongsfjordfoss. Number of peaks per day– Water level

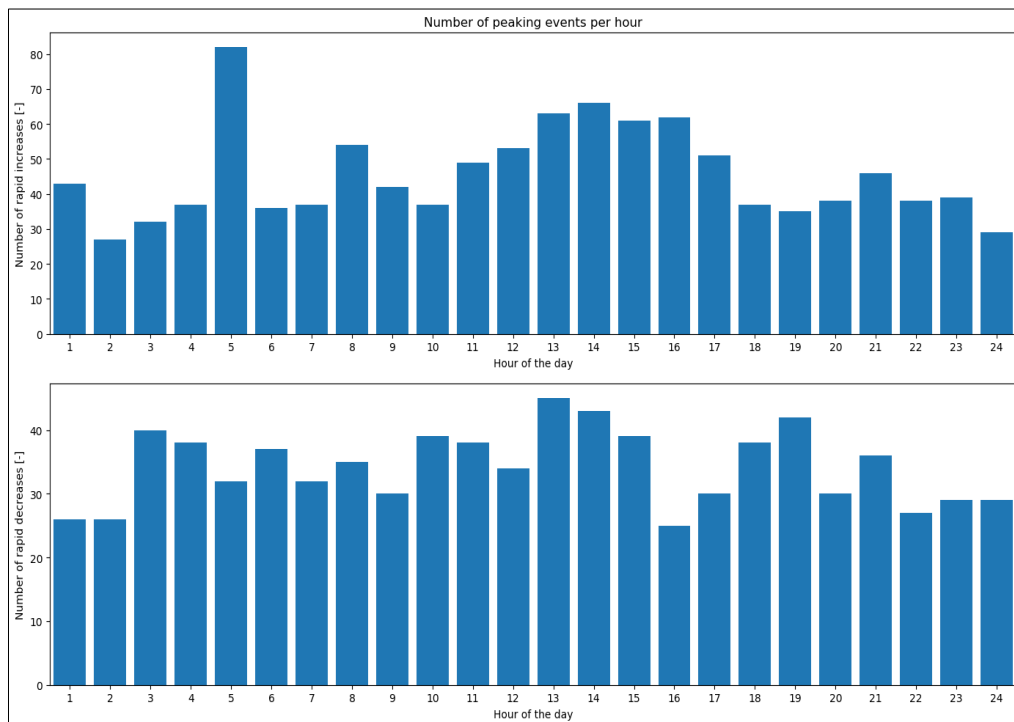


Figure 78. Kongsfjordfoss. Number of peaks per hour– Water level

1.14 KULSET BRU

1.14.1 Discharge

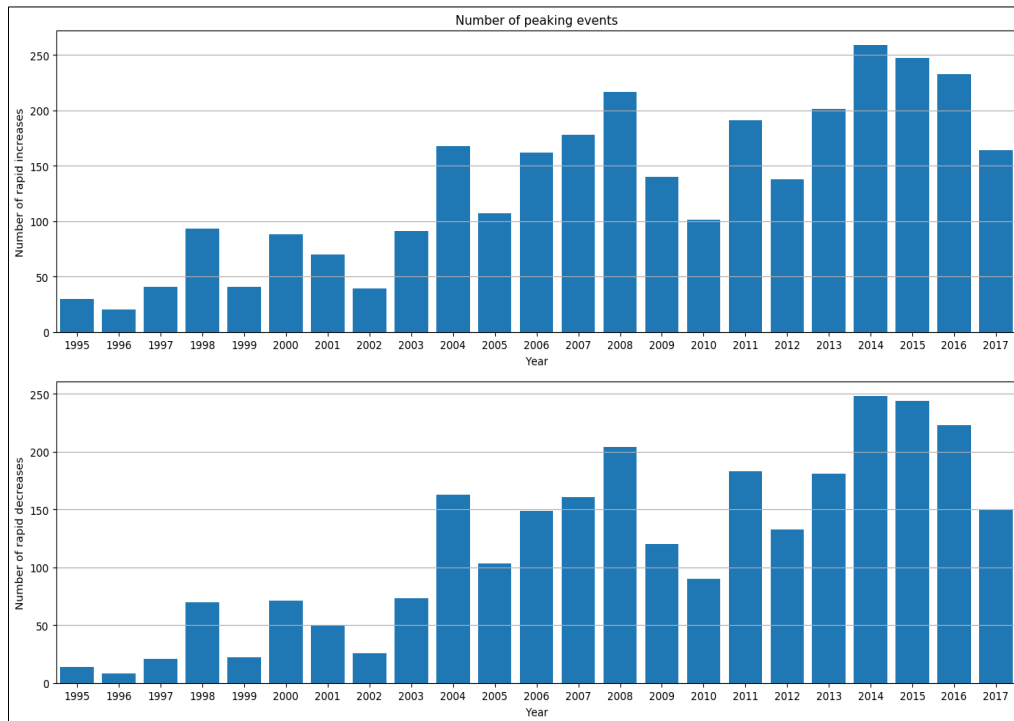


Figure 79. Kulset Bru. Number of peaks per year– Discharge

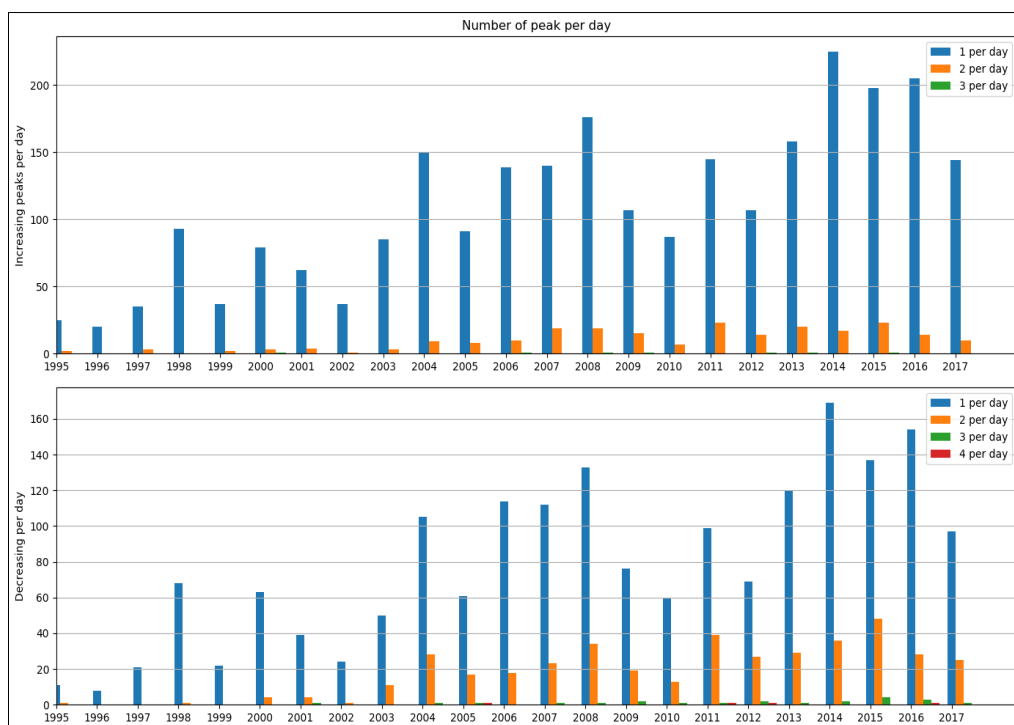


Figure 80. Kulset Bru. Number of peaks per day– Discharge

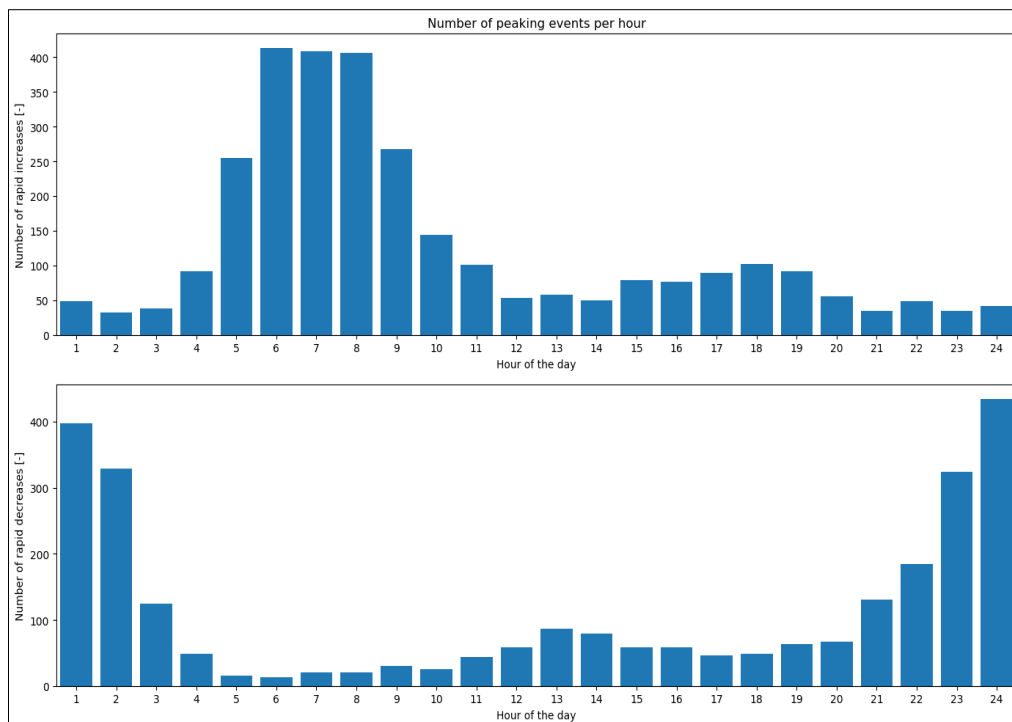


Figure 81. Kulset Bru. Number of peaks per hour– Discharge

1.14.2 Water level

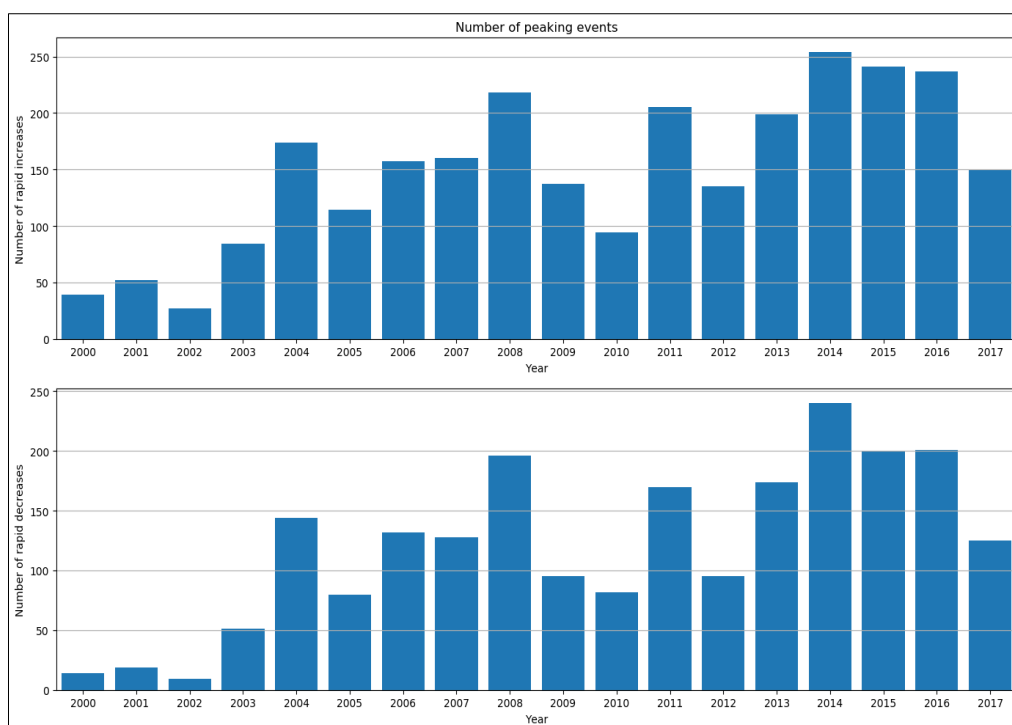


Figure 82. Kulset Bru. Number of peaks per year– Water level

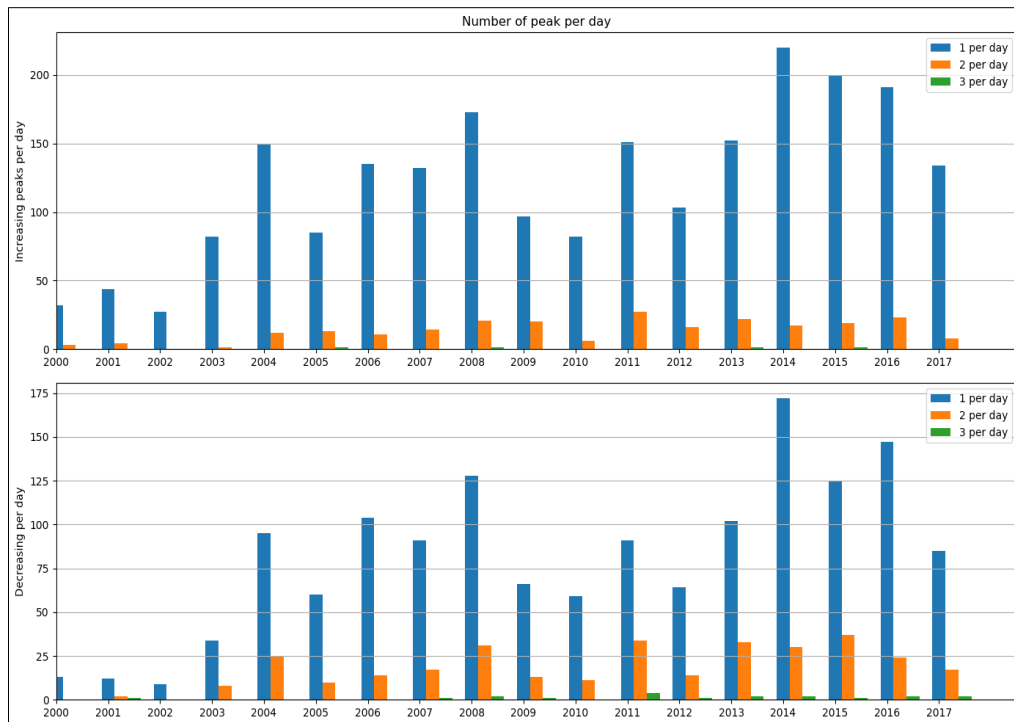


Figure 83. Kulset Bru. Number of peaks per day– Water level

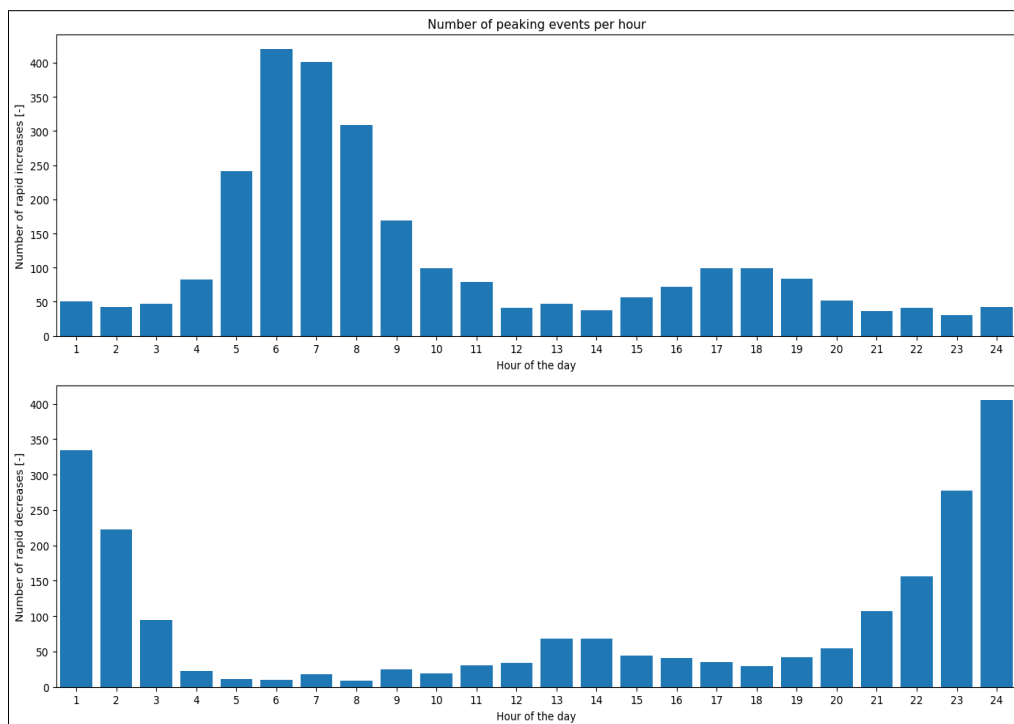


Figure 84. Kulset Bru. Number of peaks per hour– Water level

1.15 LAUDAL

1.15.1 Discharge

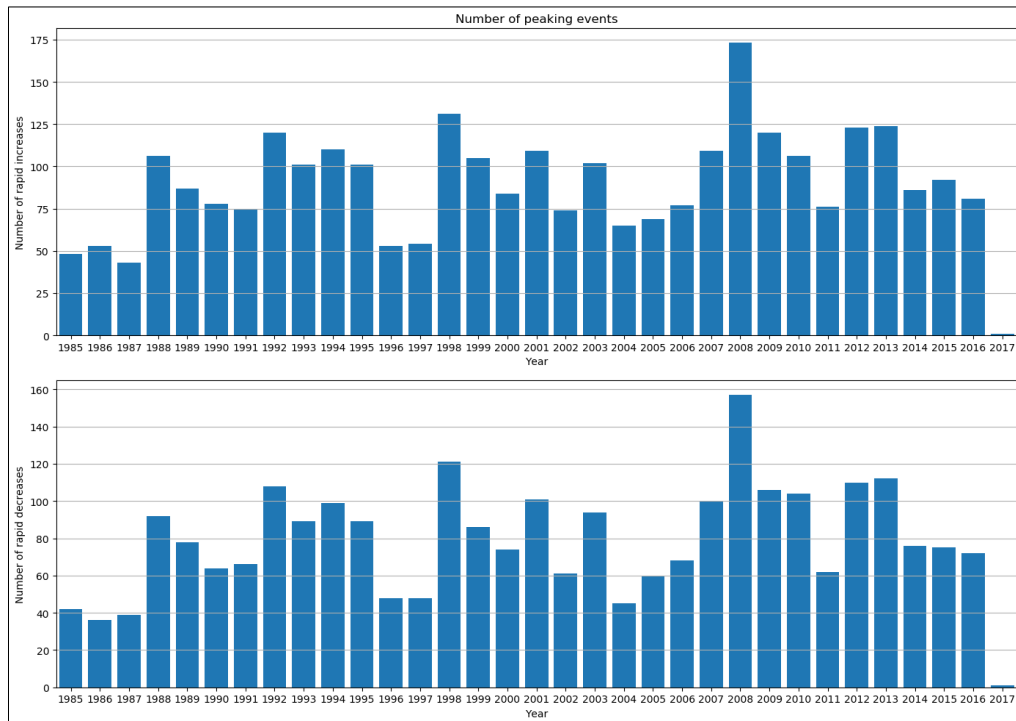


Figure 85. Laudal. Number of peaks per year– Discharge

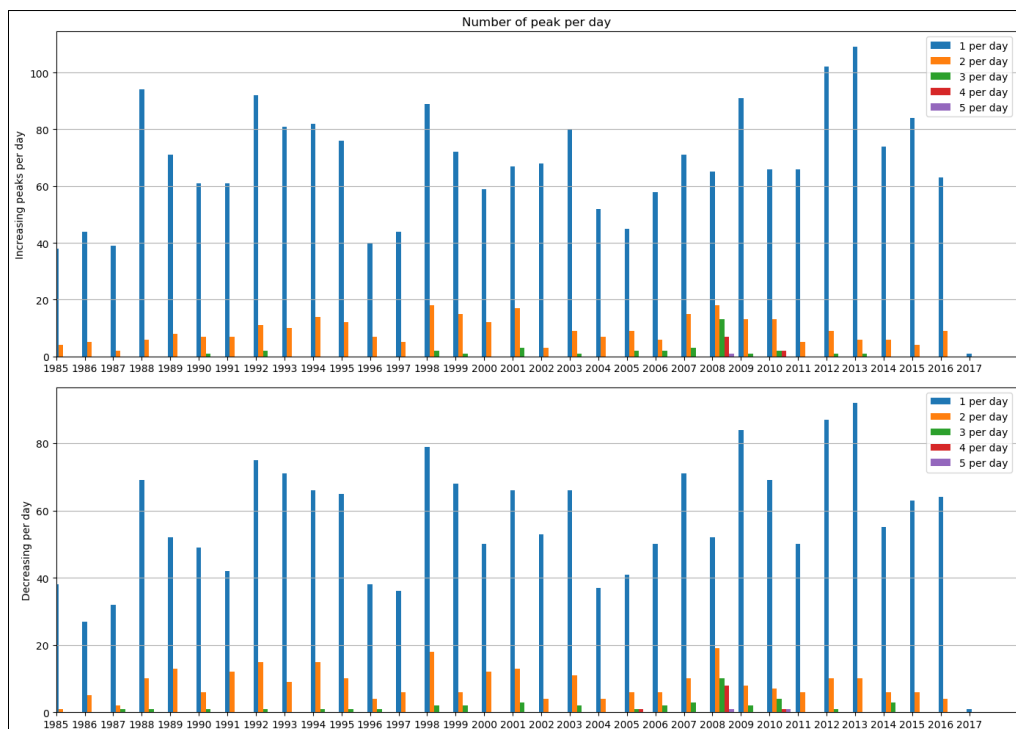


Figure 86. Laudal. Number of peaks per day– Discharge

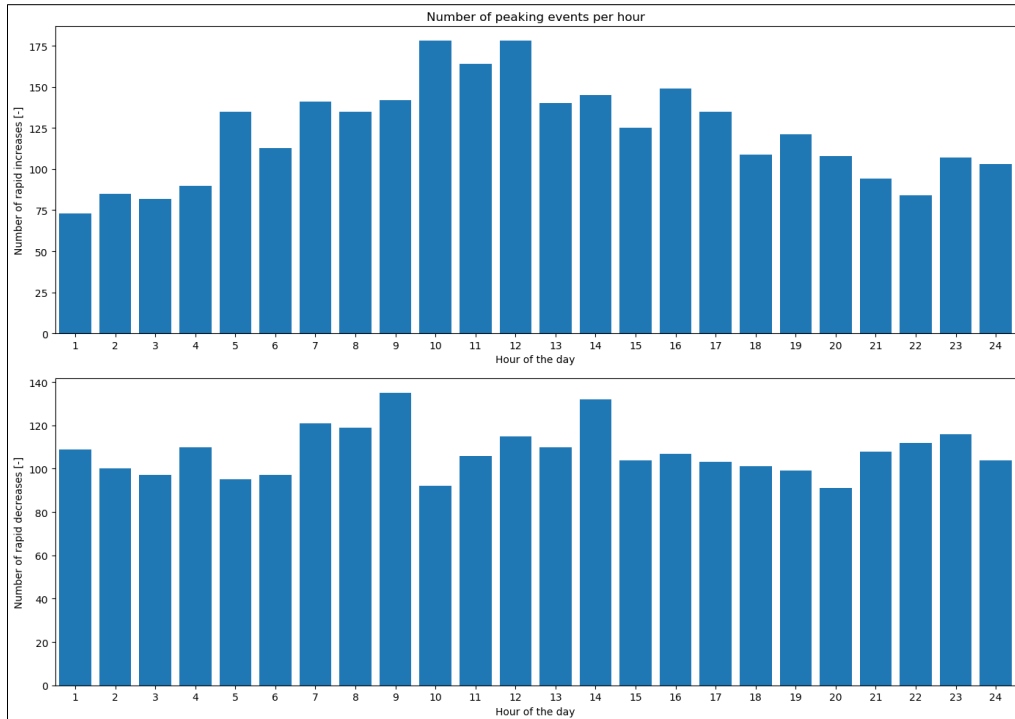


Figure 87. Laudal. Number of peaks per hour– Discharge

1.15.2 Water level

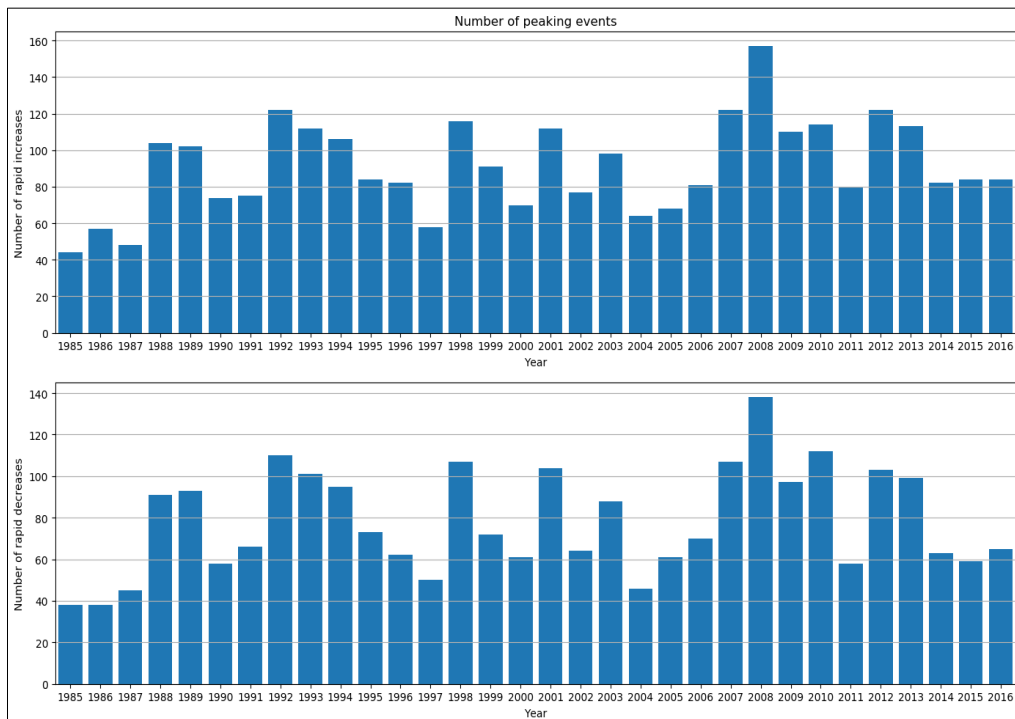


Figure 88. Laudal. Number of peaks per year– Water level

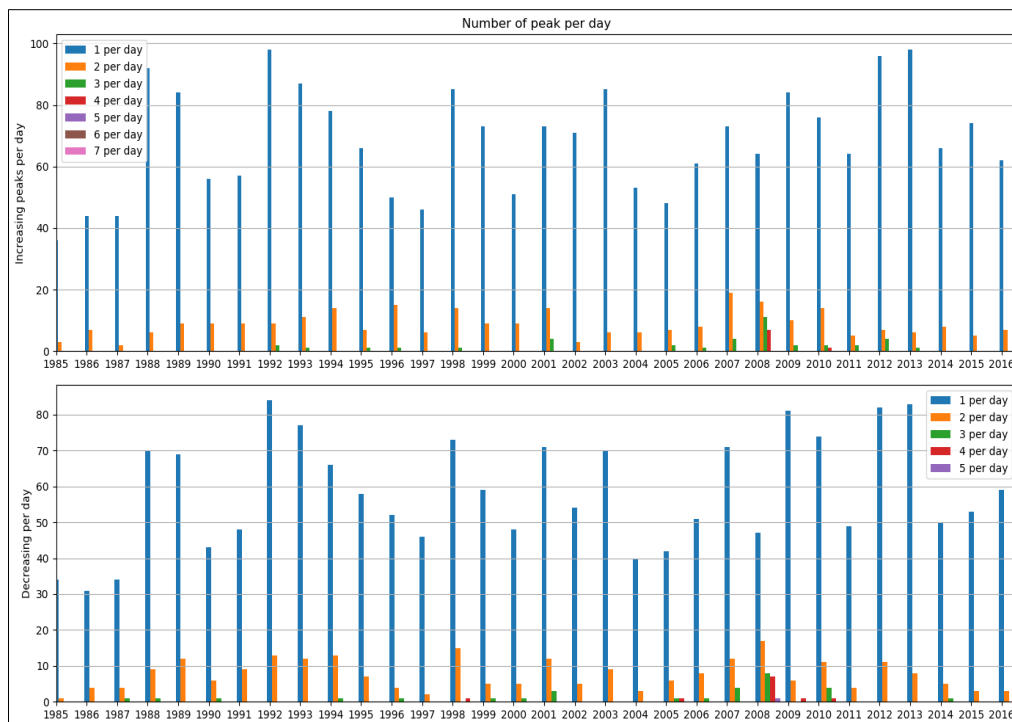


Figure 89. . Laudal. Number of peaks per day– Water level

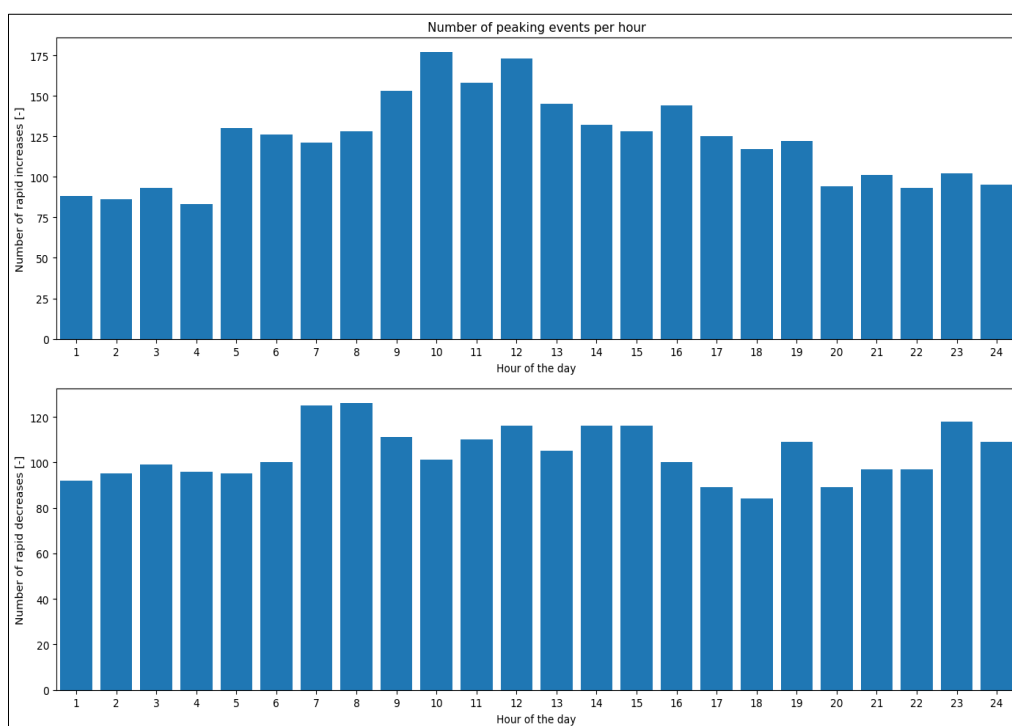


Figure 90. . Laudal. Number of peaks per hour– Water level

1.16 LÅVISBRUA

1.16.1 Discharge

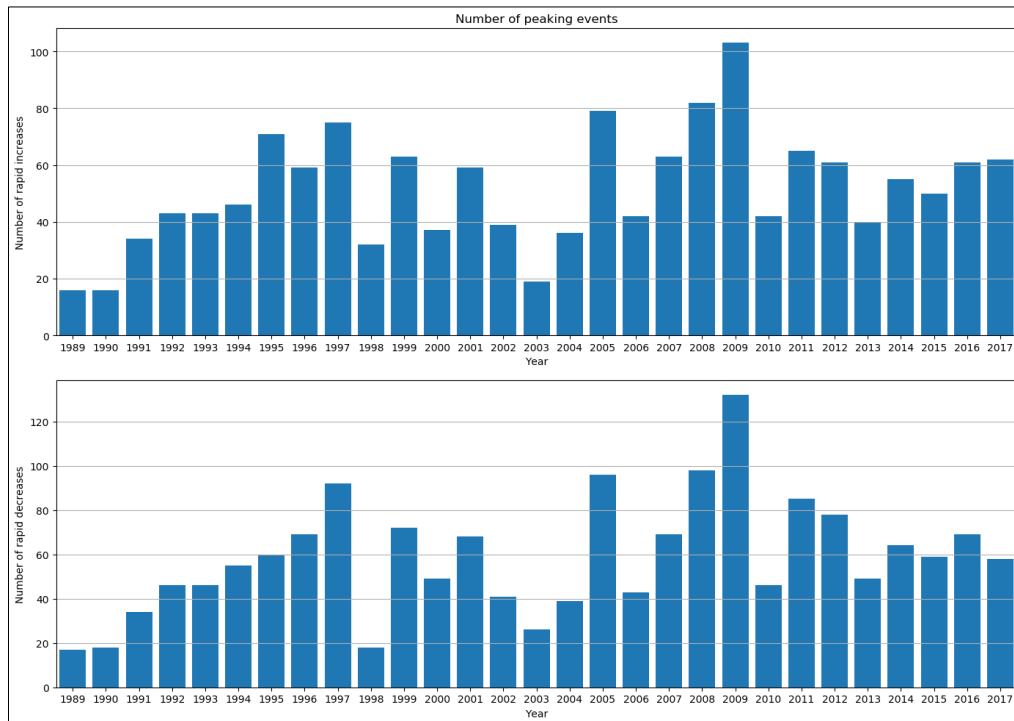


Figure 91. Låvisbrua. Number of peaks per year– Discharge

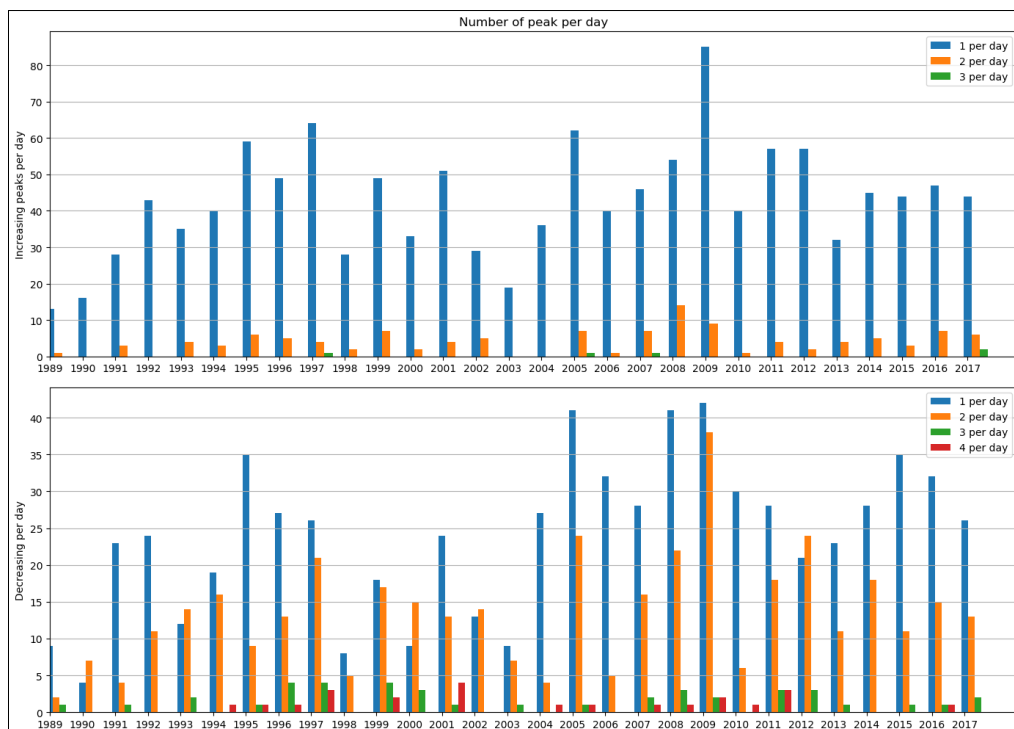


Figure 92. . Låvisbrua. Number of peaks per day– Discharge

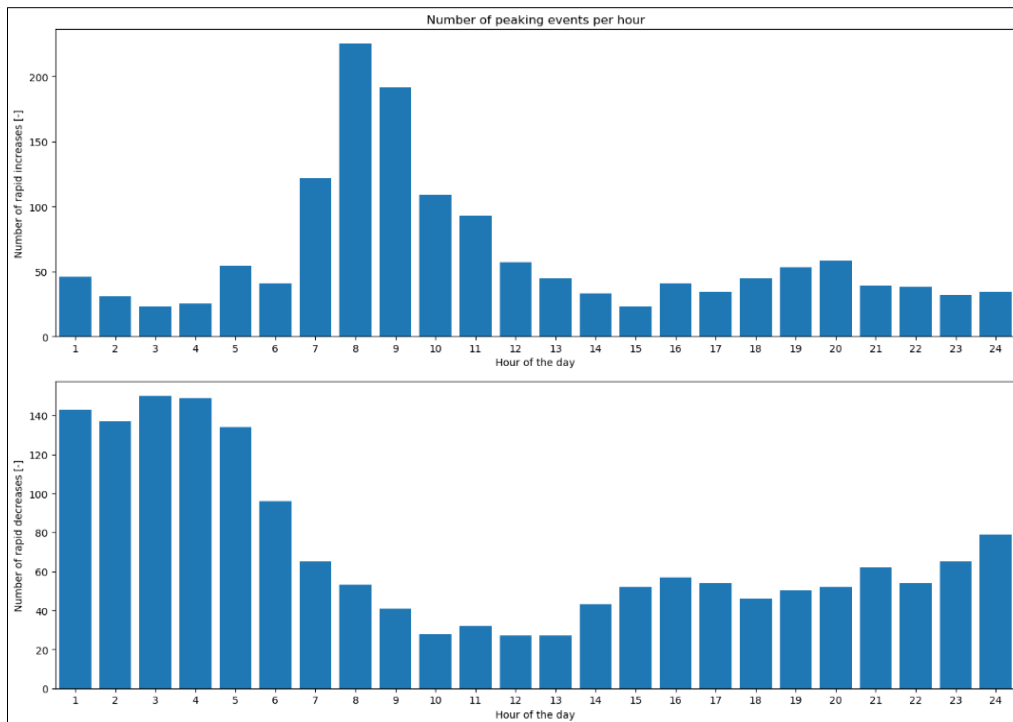


Figure 93. Låvisbrua. Number of peaks per hour– Discharge

1.16.2 Water level

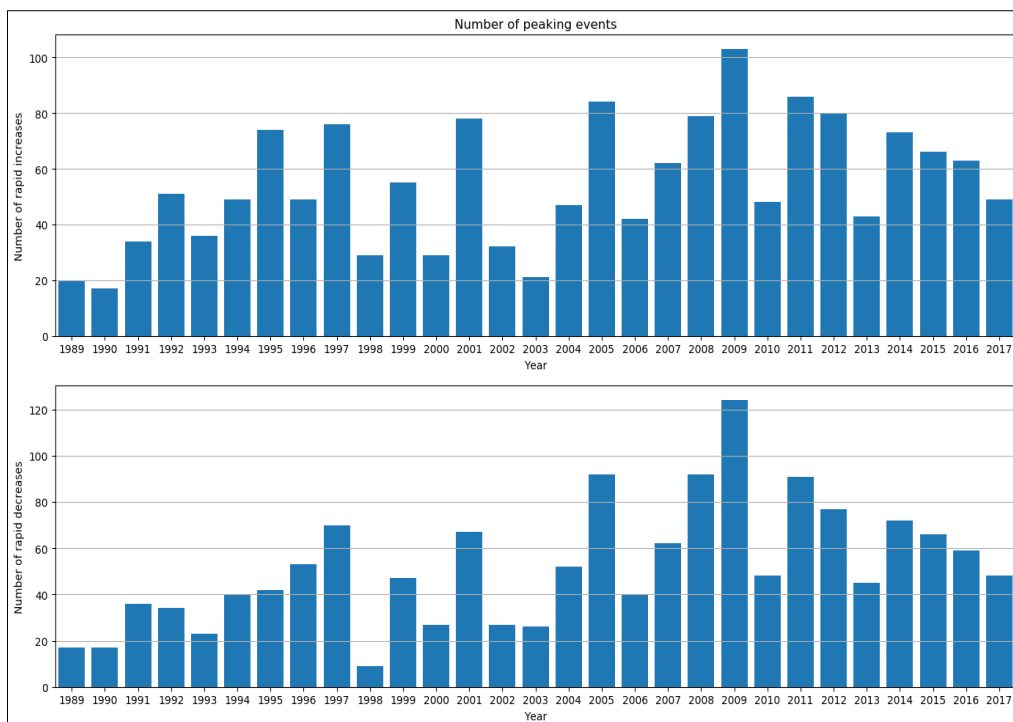


Figure 94. Låvisbrua. Number of peaks per year– Water level

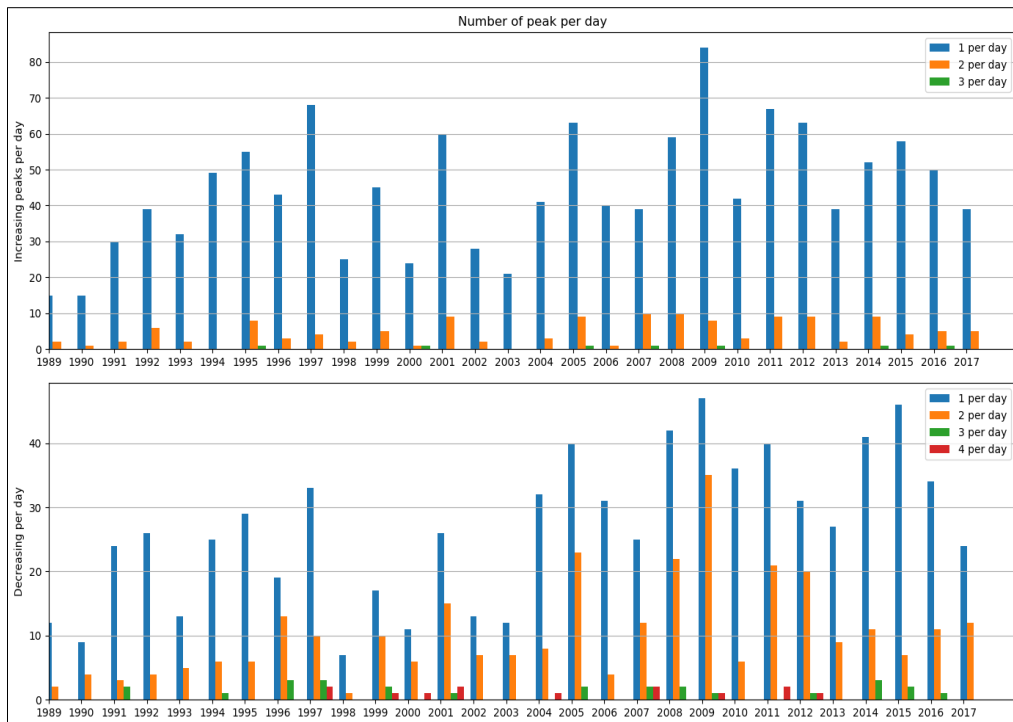


Figure 95. Låvisbrua. Number of peaks per day– Water level

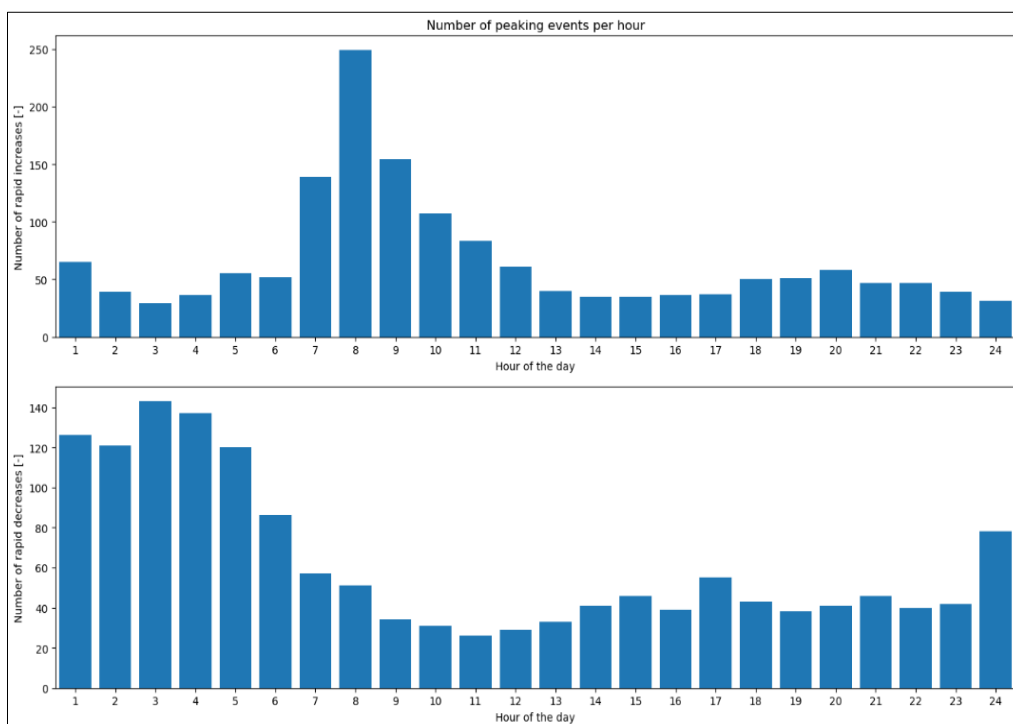


Figure 96. Låvisbrua. Number of peaks per hour– Water level

1.17 MERÅKER

1.17.1 Discharge

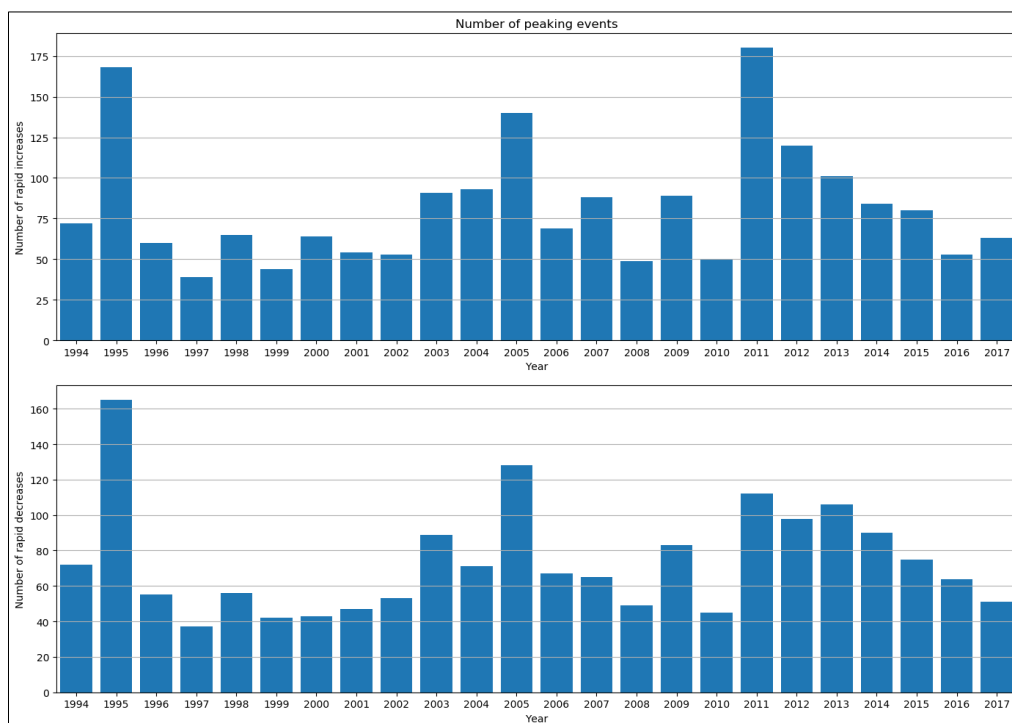


Figure 97. Meråker. Number of peaks per year– Discharge

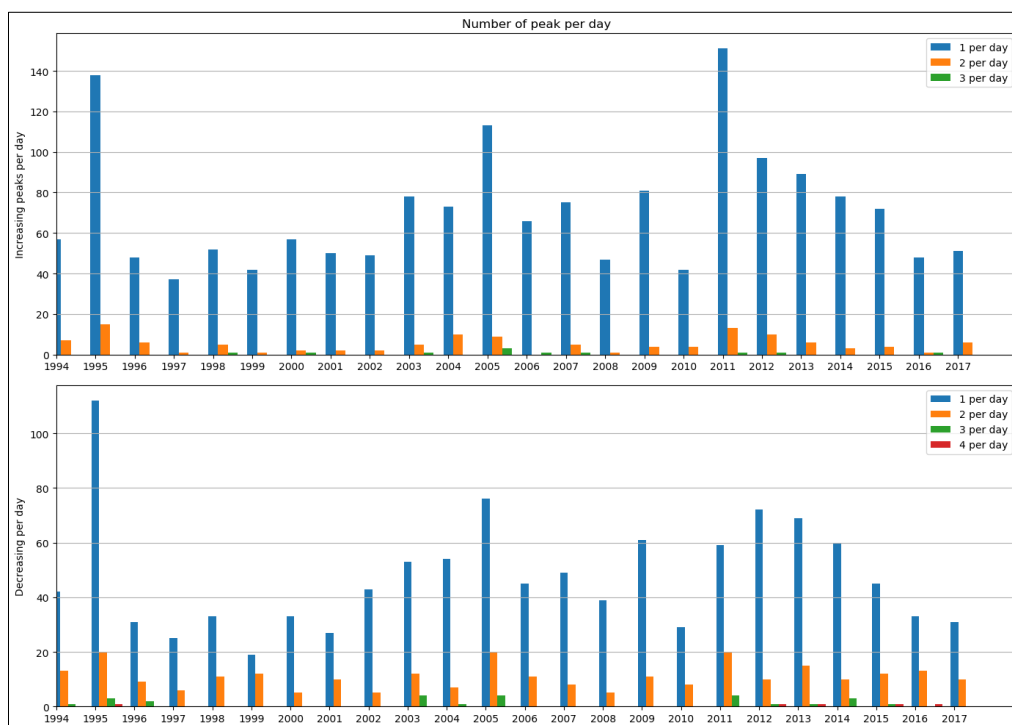


Figure 98. Meråker. Number of peaks per day– Discharge

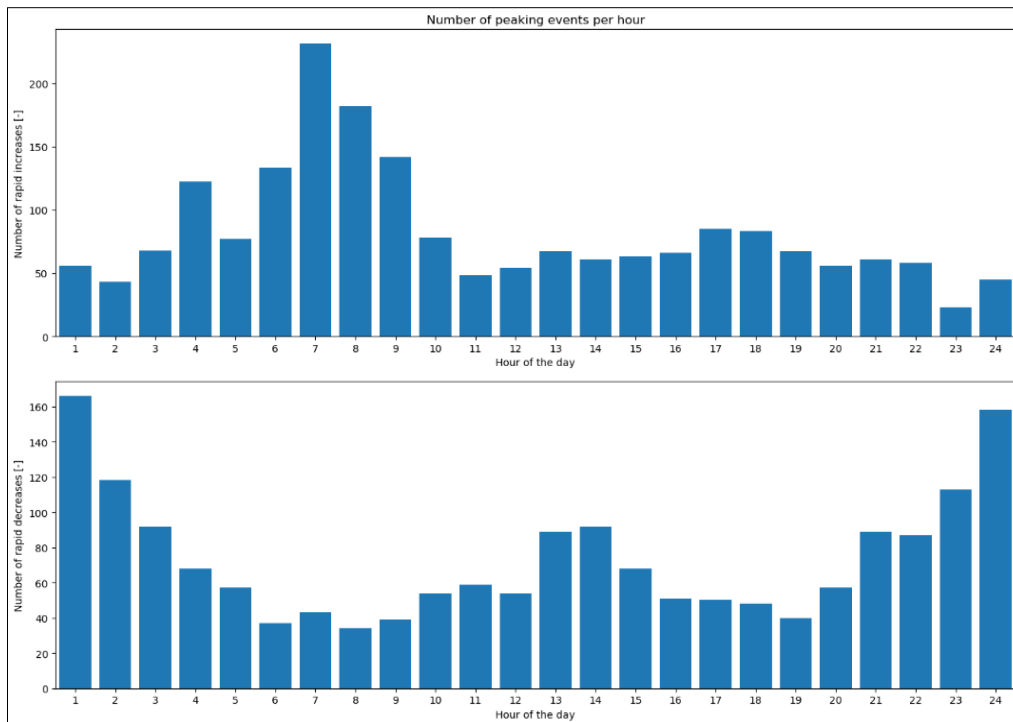


Figure 99. Meråker. Number of peaks per hour– Discharge

1.17.2 Water level

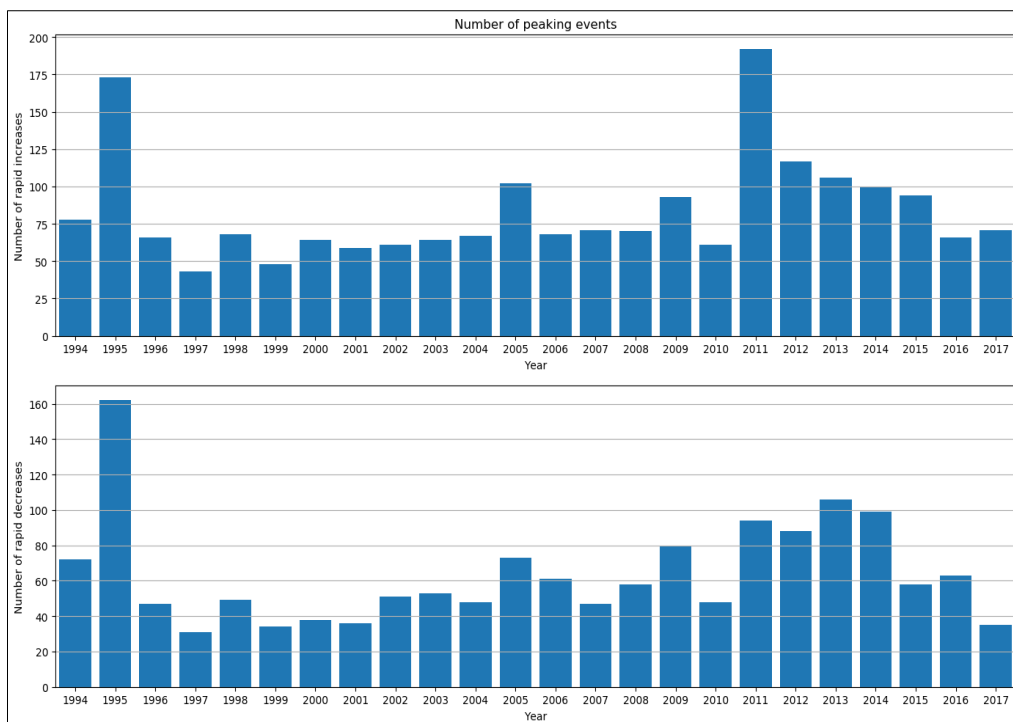


Figure 100. Meråker. Number of peaks per year – Water level

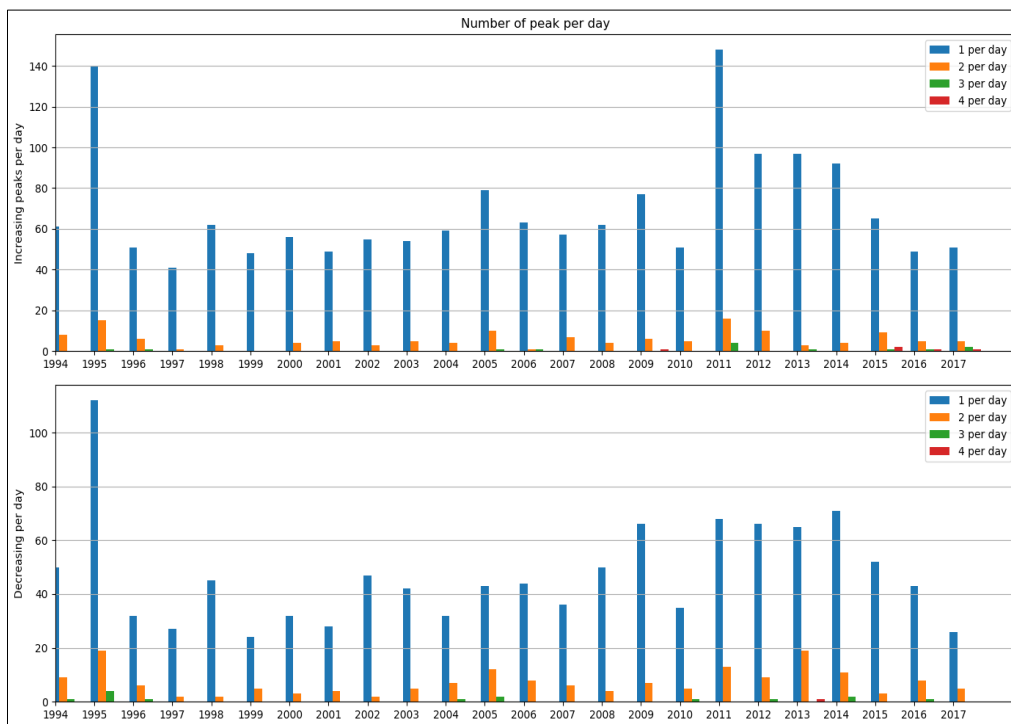


Figure 101. Meråker. Number of peaks per day – Water level

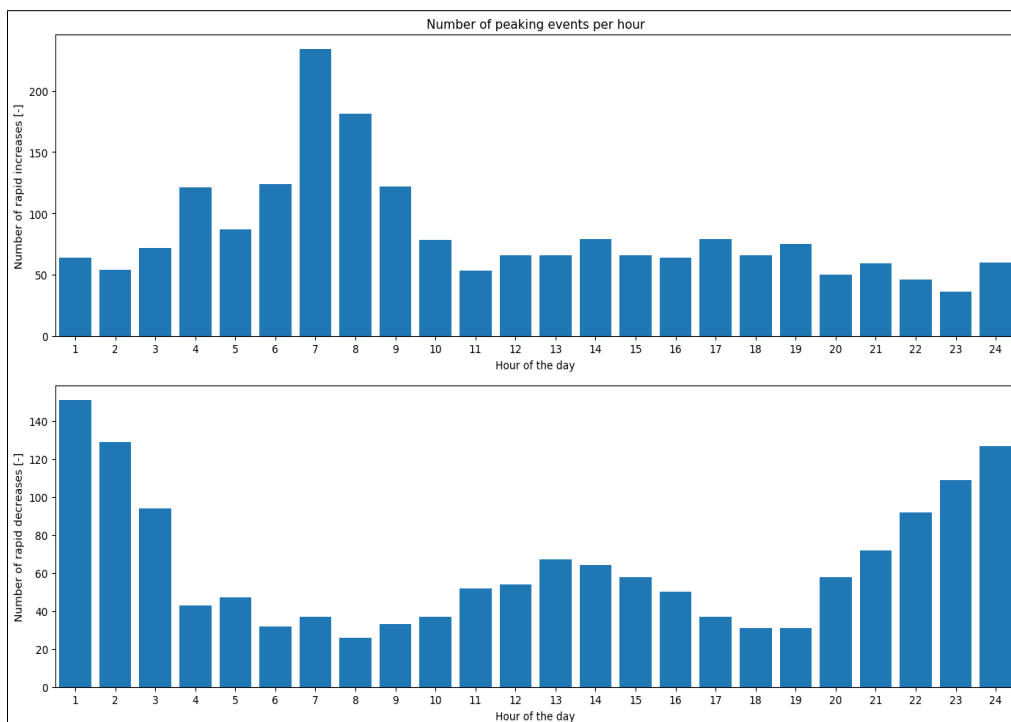


Figure 102. Meråker. Number of peaks per hour – Water level

1.18 RUUD

1.18.1 Discharge

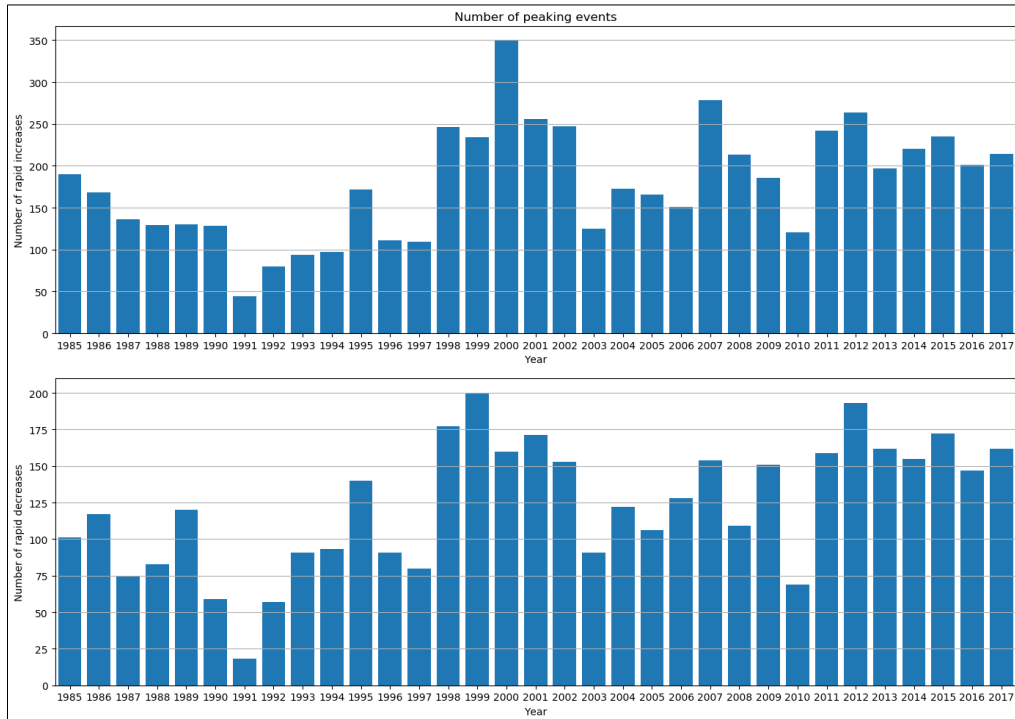


Figure 103. Ruud. Number of peaks per year – Discharge

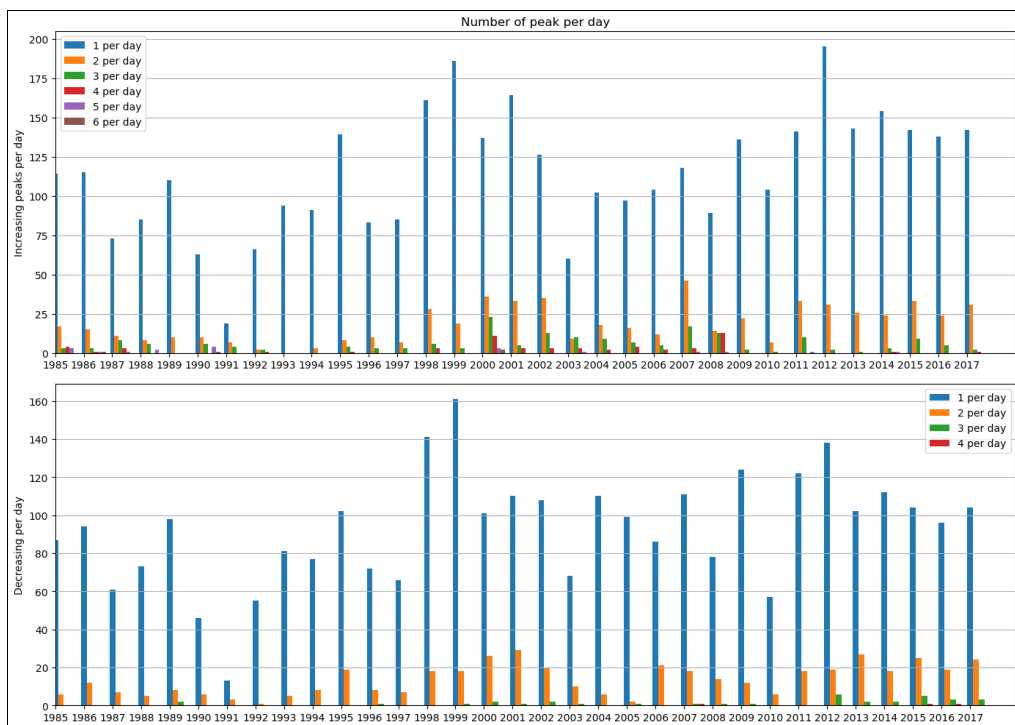


Figure 104. Ruud. Number of peaks per day – Discharge

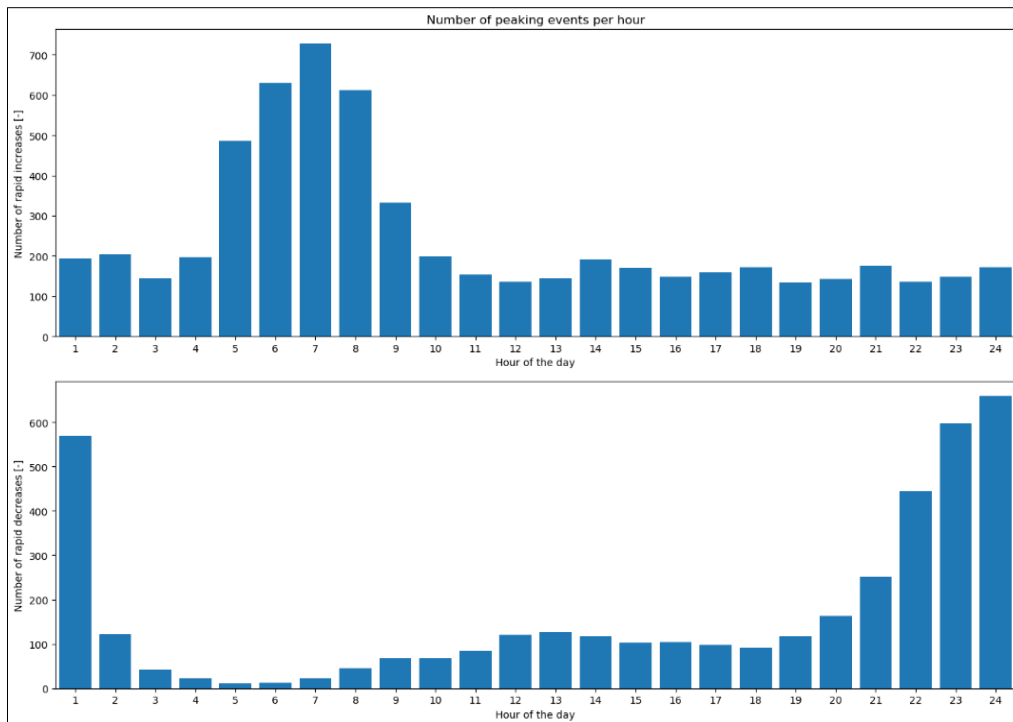


Figure 105. Ruud. Number of peaks per hour – Discharge

1.18.2 Water level

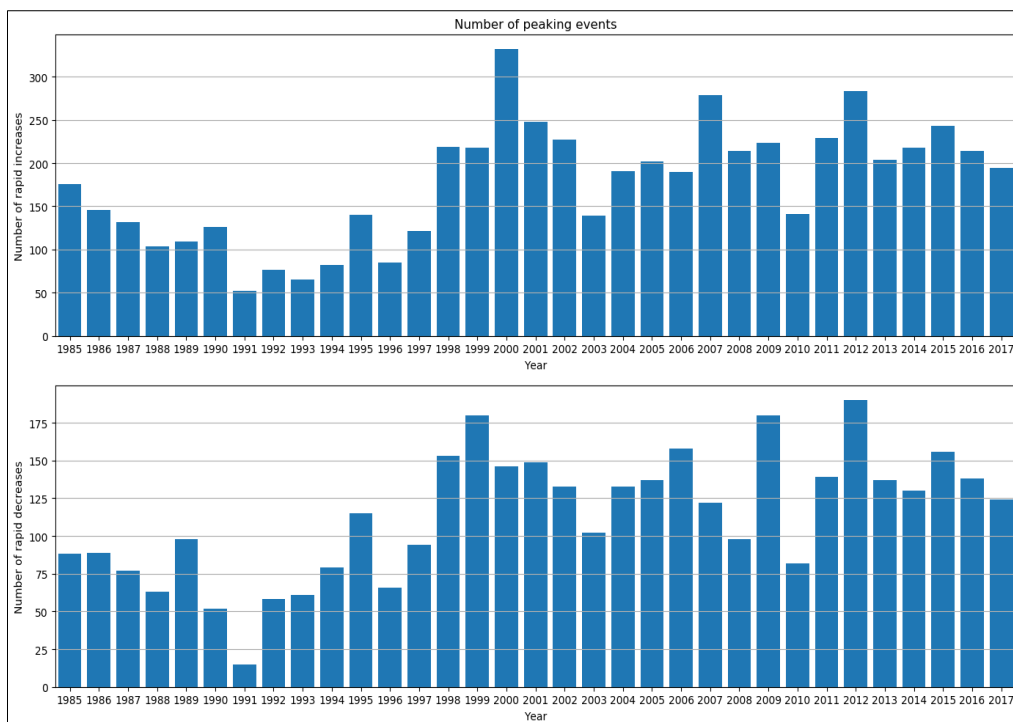


Figure 106. Ruud. Number of peaks per year – Water level

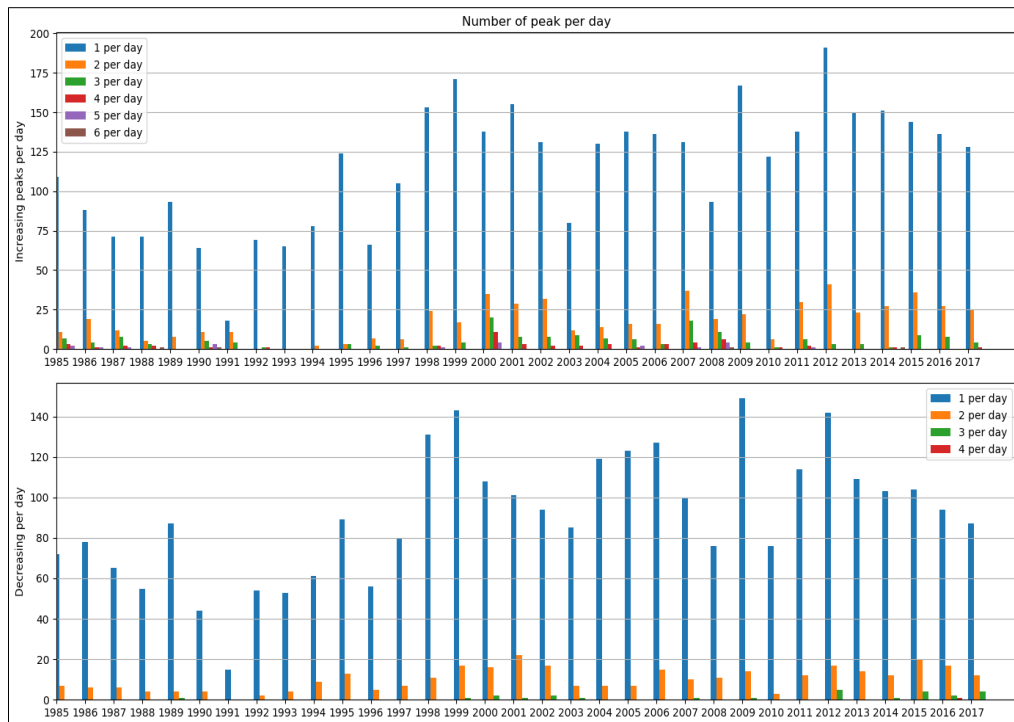


Figure 107. Ruud. Number of peaks per day – Water level

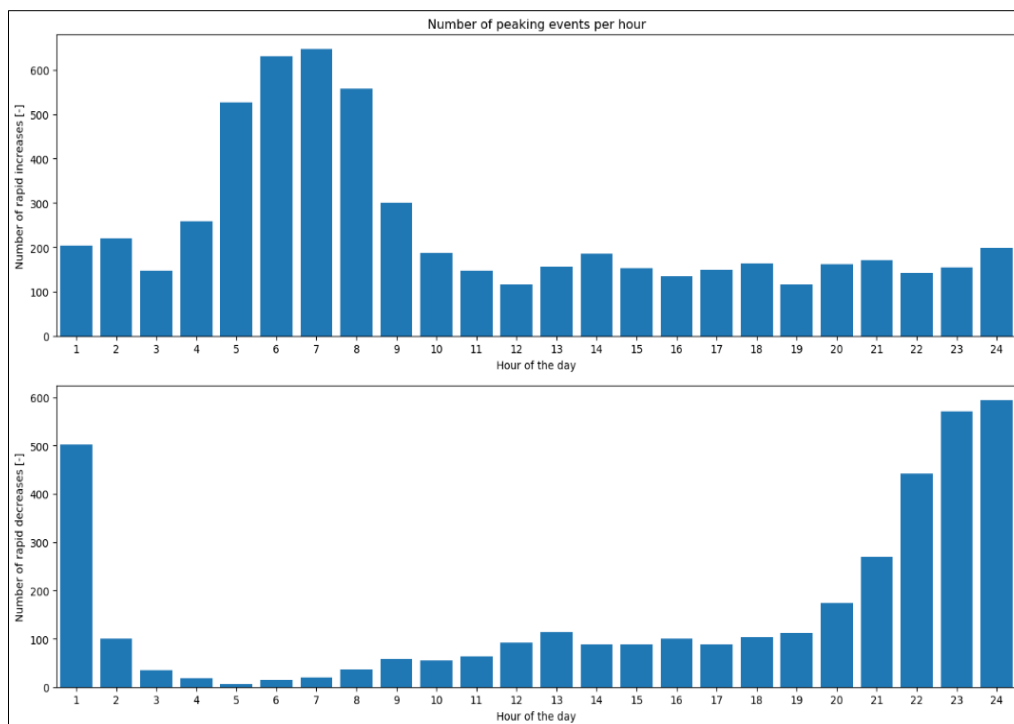


Figure 108. Ruud. Number of peaks per hour – Water level

1.19 SÆLTHUN

1.19.1 Discharge

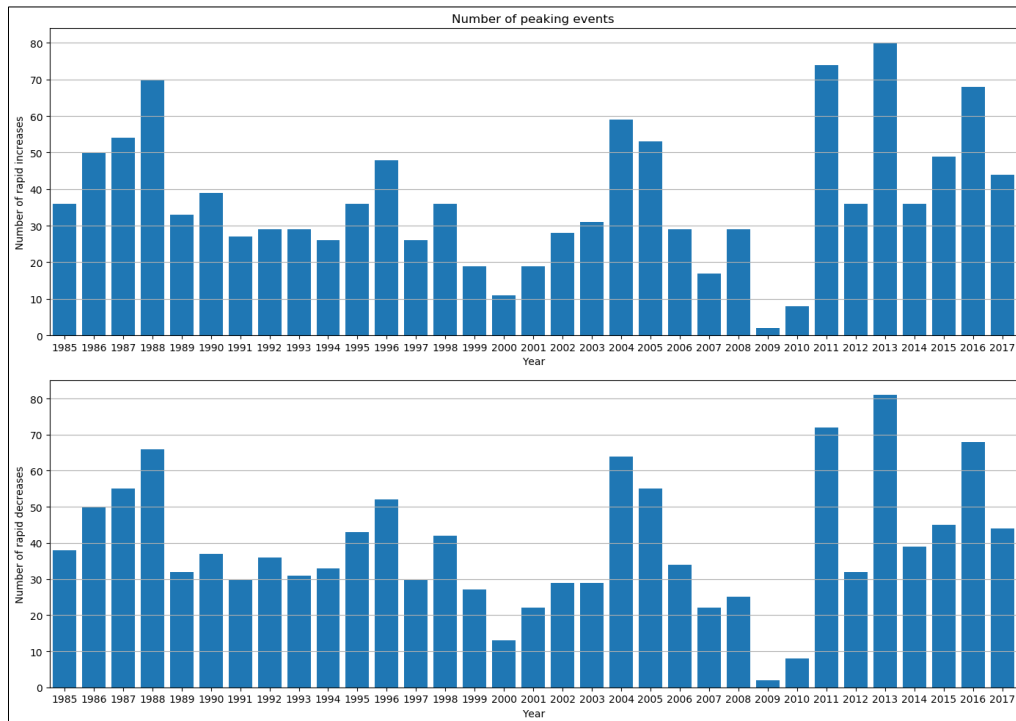


Figure 109. Sælthun. Number of peaks per year – Discharge

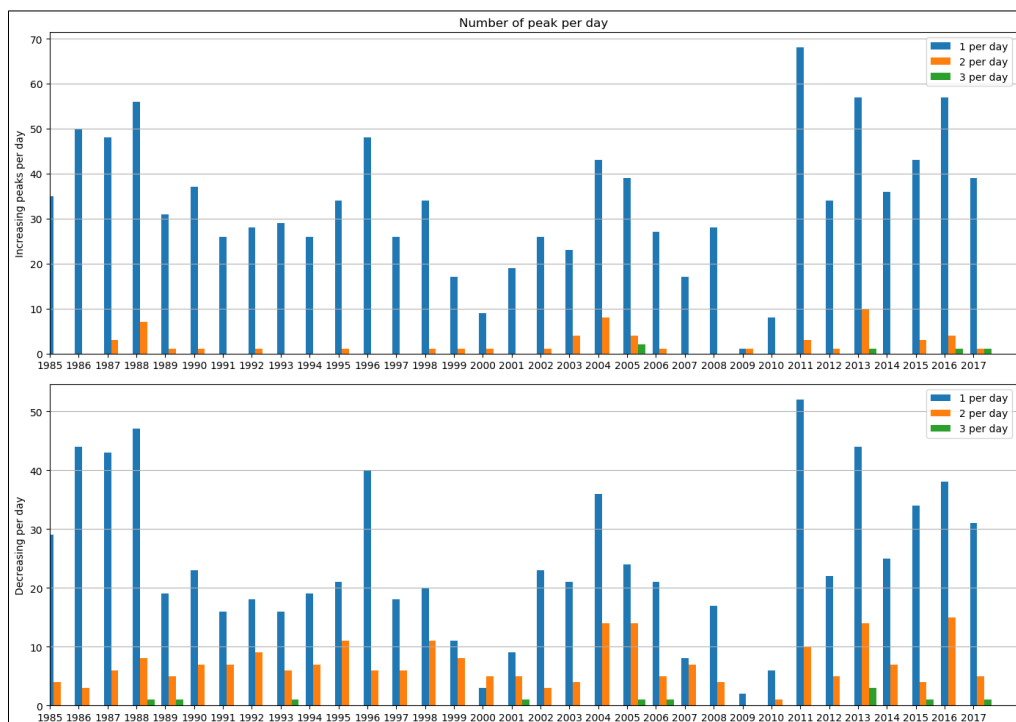


Figure 110. Sælthun. Number of peaks per day – Discharge

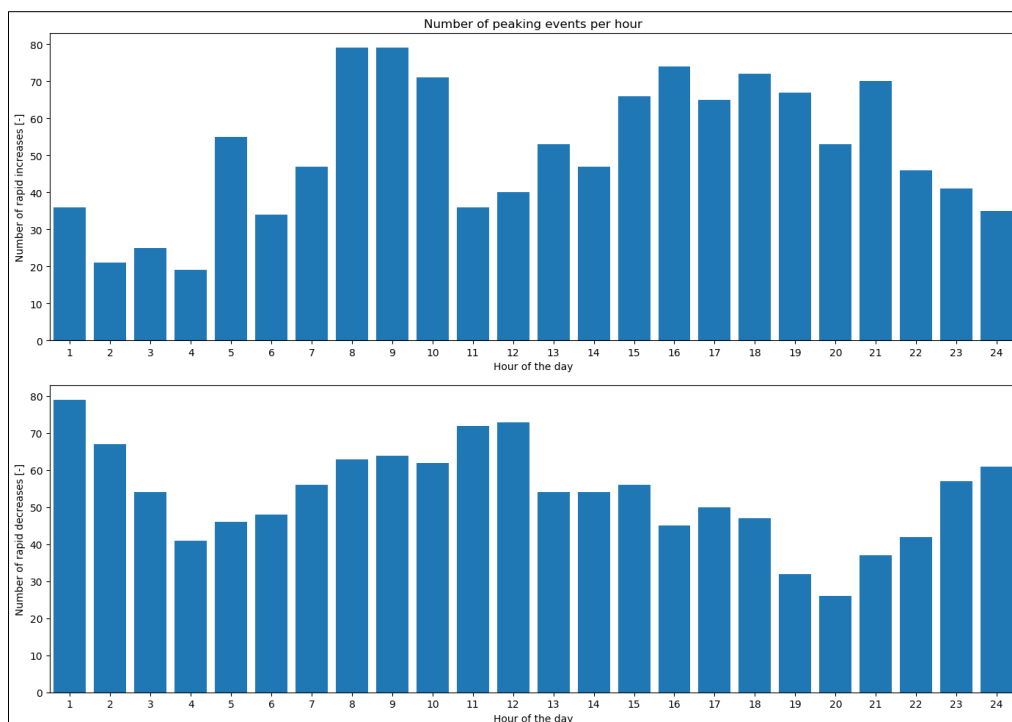


Figure 111. Sælthun. Number of peaks per hour – Discharge

1.19.2 Water level

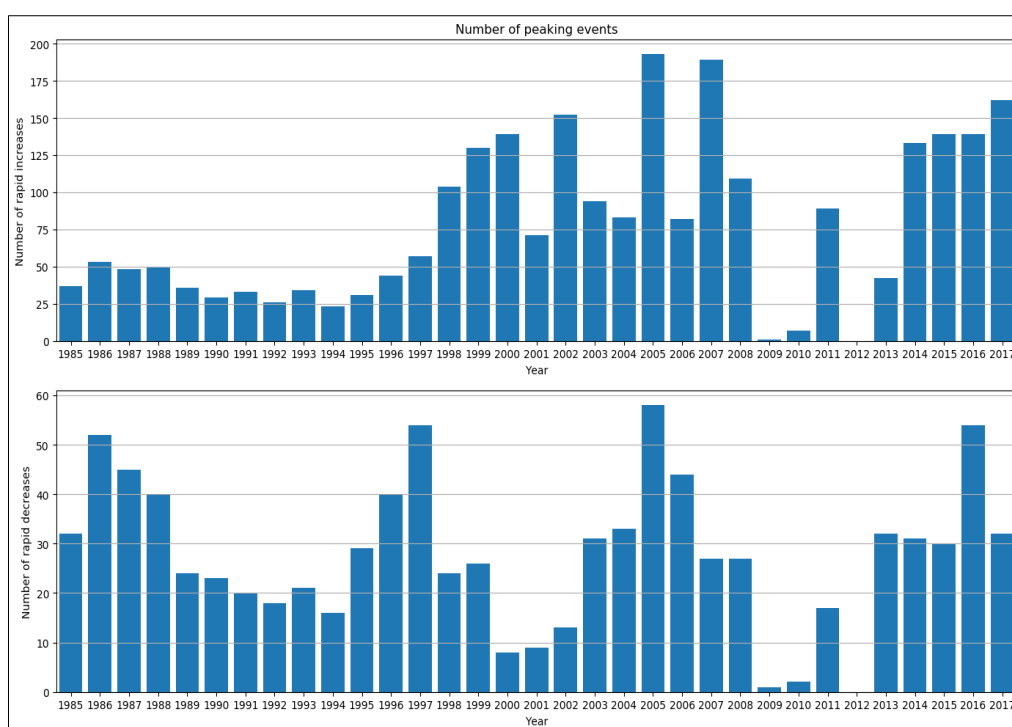


Figure 112. Sælthun. Number of peaks per year – Water level

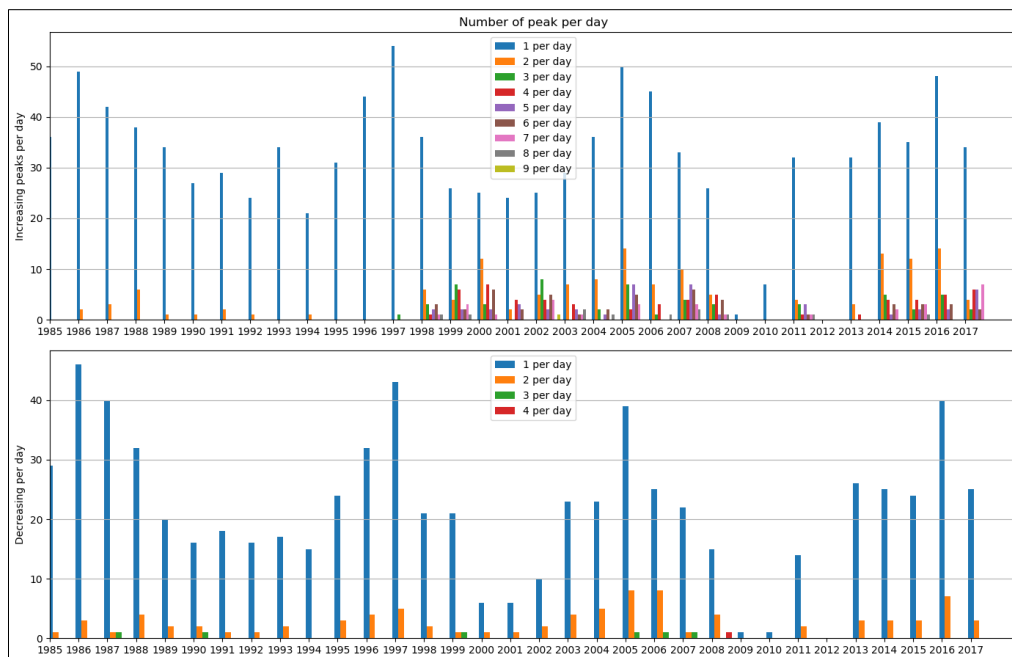


Figure 113. Sælthun. Number of peaks per day – Water level

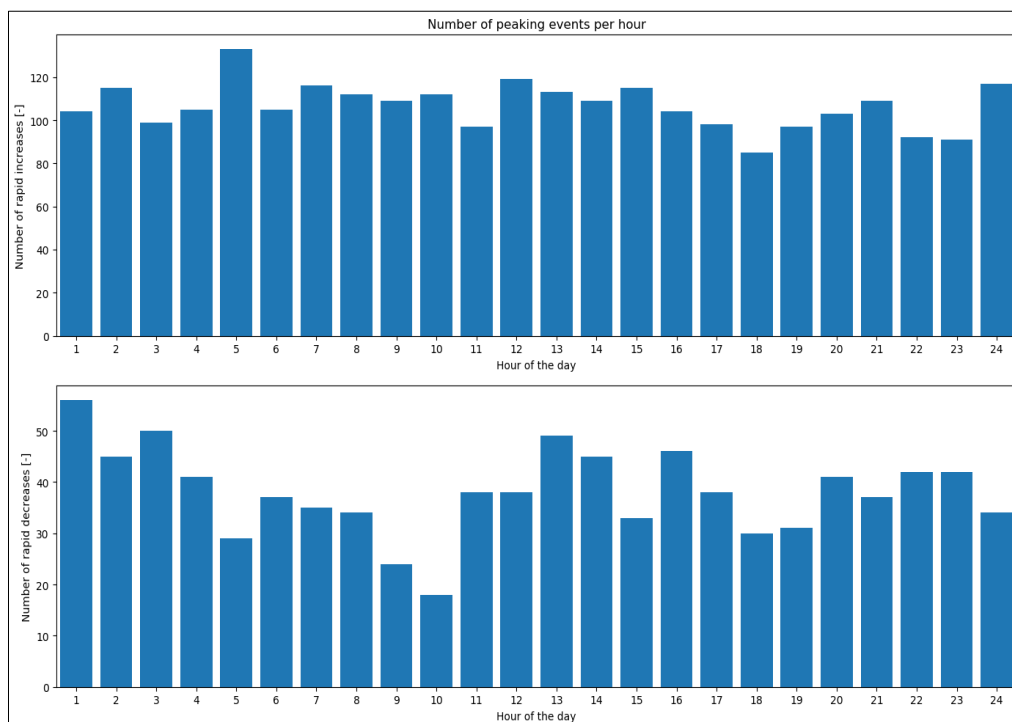


Figure 114. Sælthun. Number of peaks per hour – Water level

1.20 SKIBOTN BRU

1.20.1 Discharge

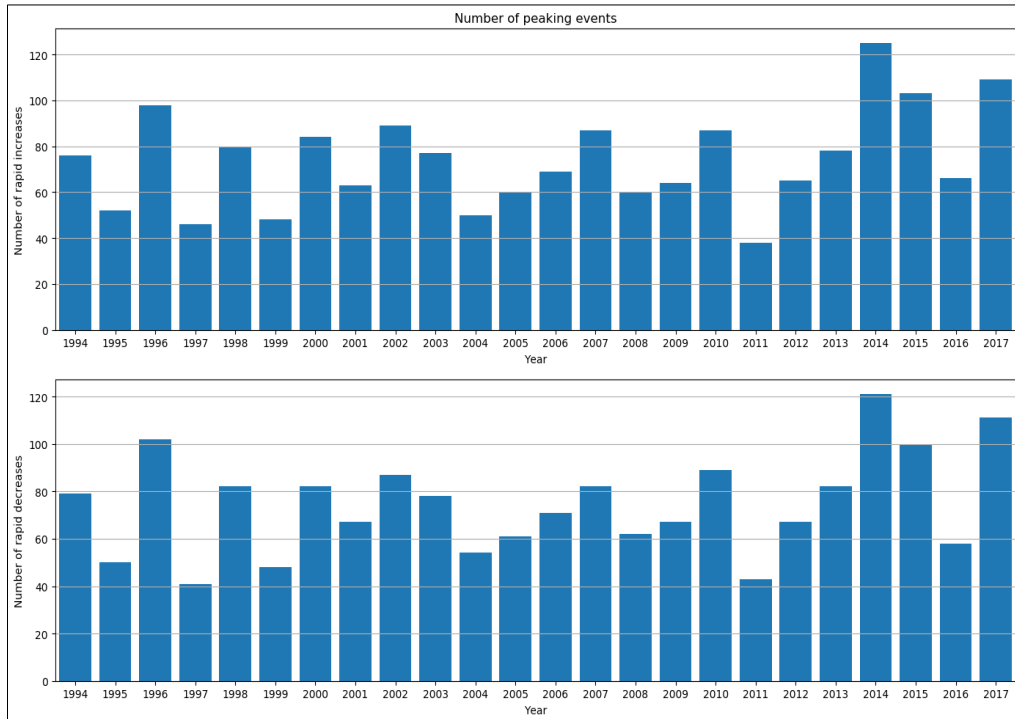


Figure 115. Skibotn bru. Number of peaks per year – Discharge

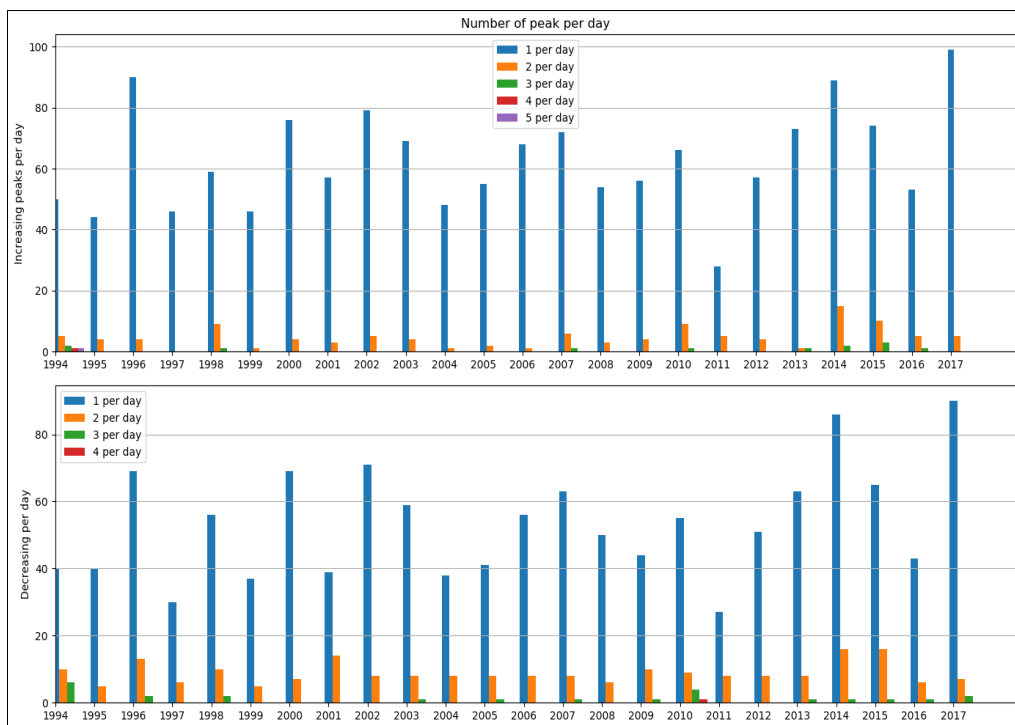


Figure 116. Skibotn bru. Number of peaks per day – Discharge

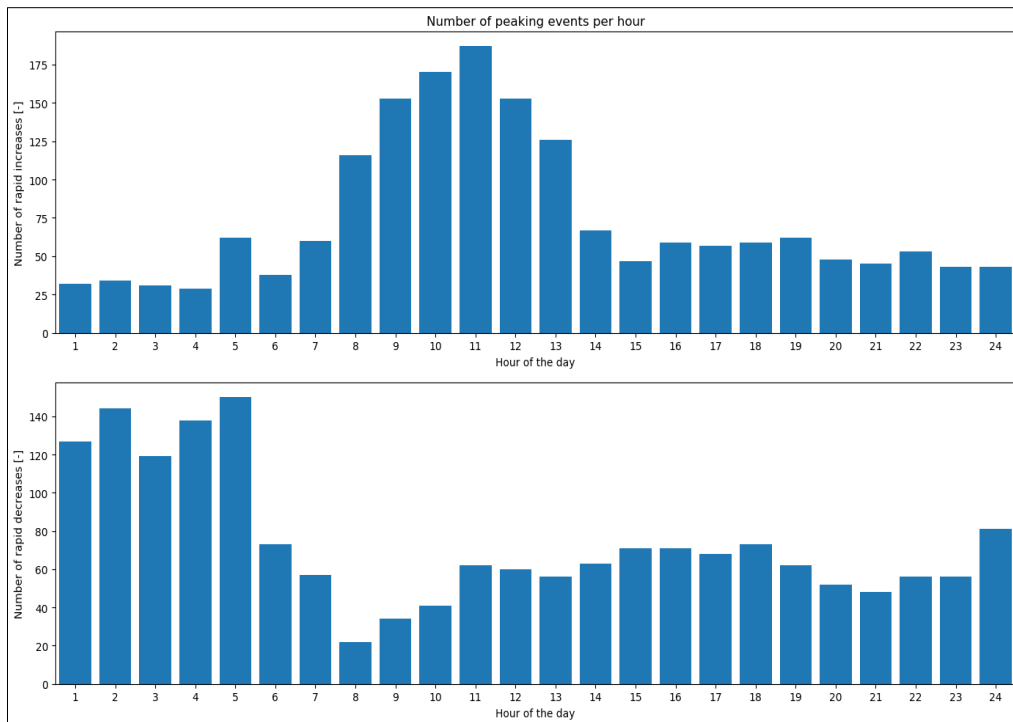


Figure 117. Skibotn bru. Number of peaks per hour – Discharge

1.20.2 Water level

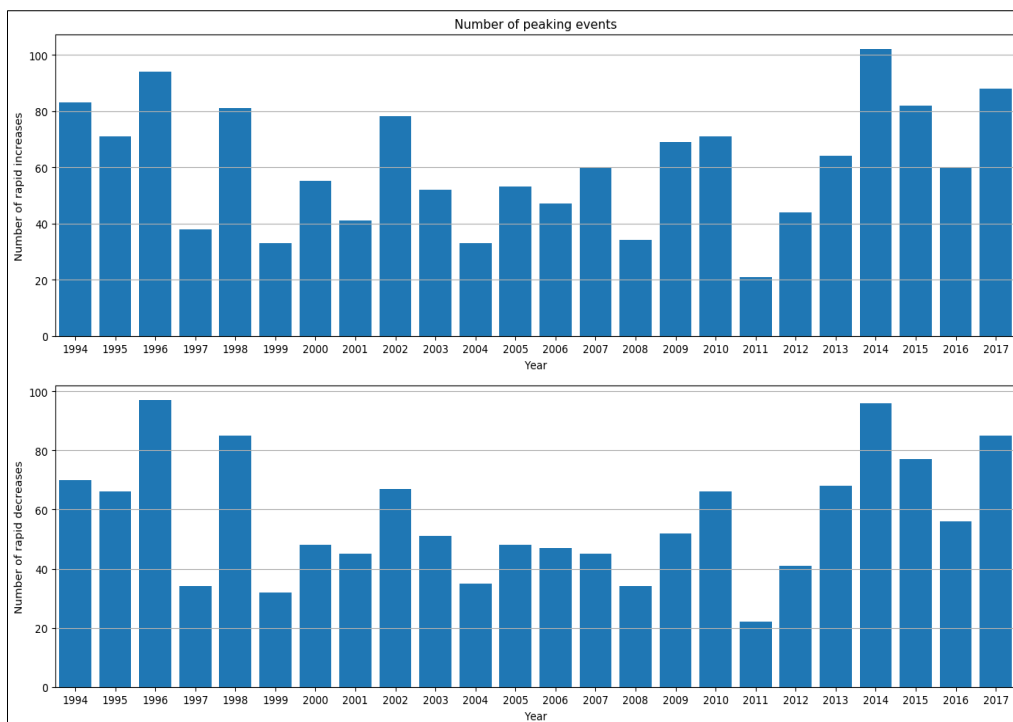


Figure 118. Skibotn bru. Number of peaks per year – Water level

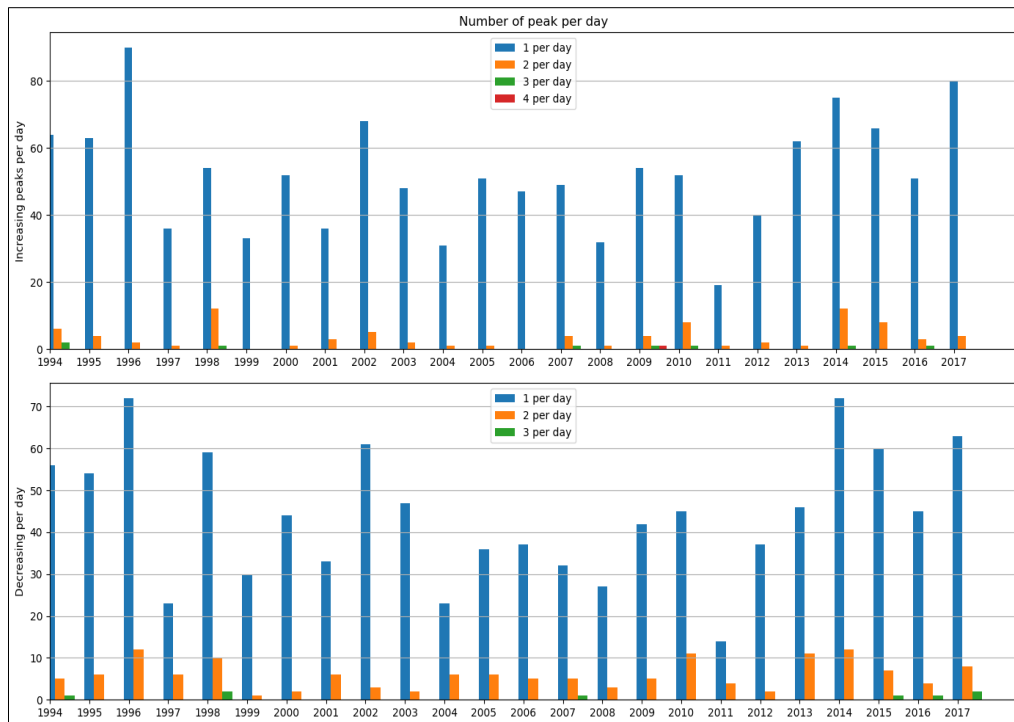


Figure 119. Skibotn bru. Number of peaks per day – Water level

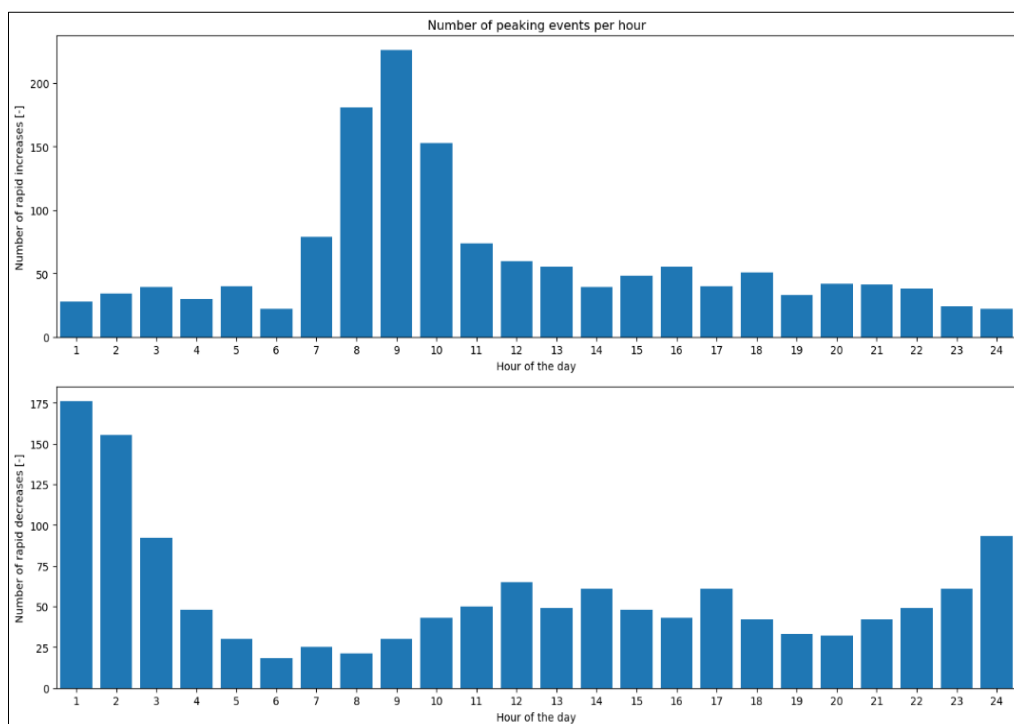


Figure 120. Skibotn bru. Number of peaks per hour – Water level

1.21 SKJERMO

1.21.1 Discharge

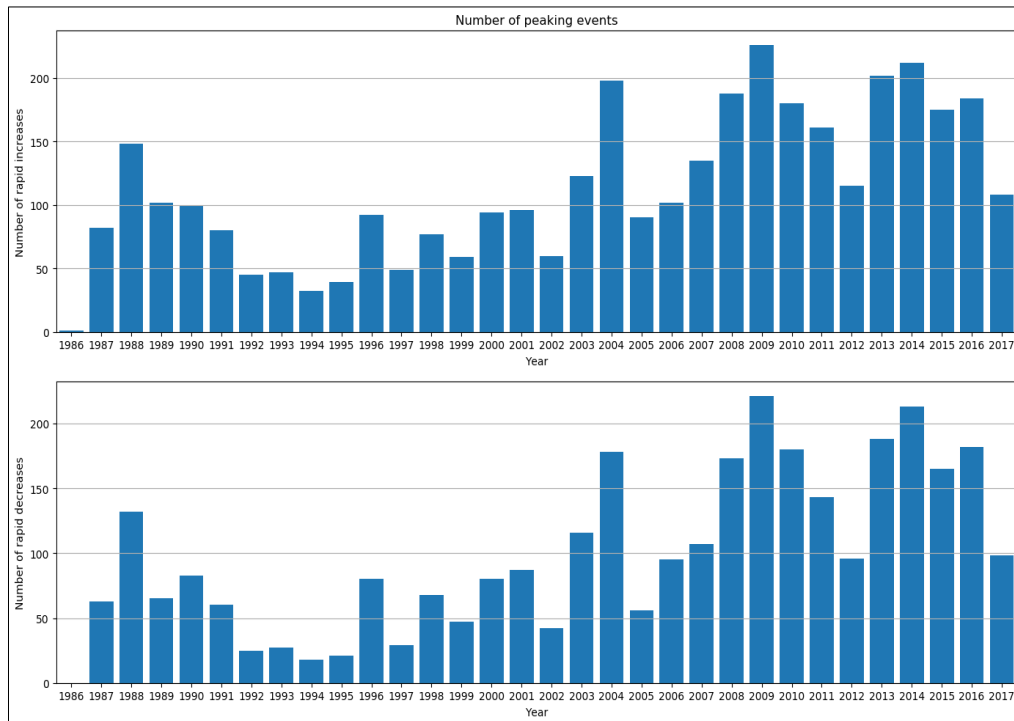


Figure 121. Skjeremo. Number of peaks per year – Discharge

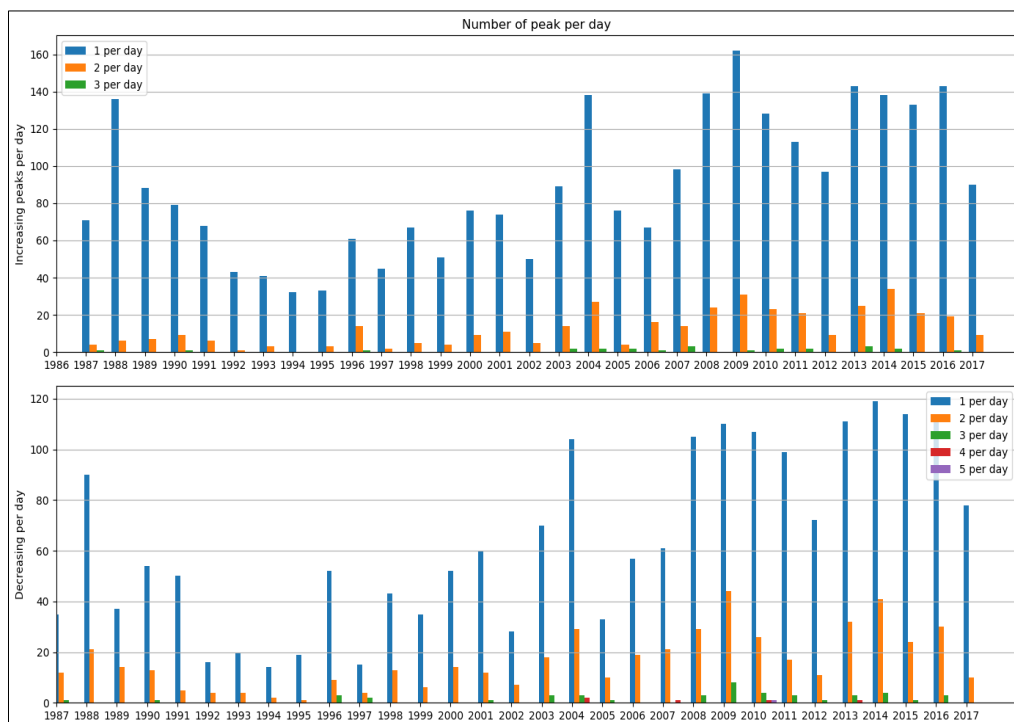


Figure 122. Skjeremo. Number of peaks per day – Discharge

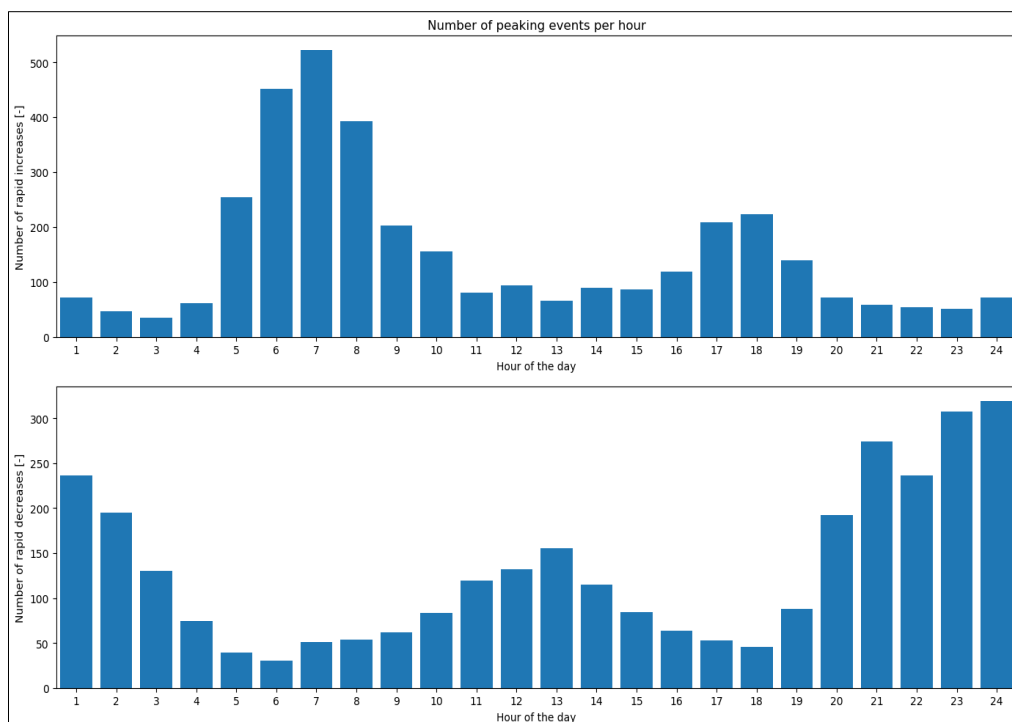


Figure 123. Skjermo. Number of peaks per hour – Discharge

1.21.2 Water level

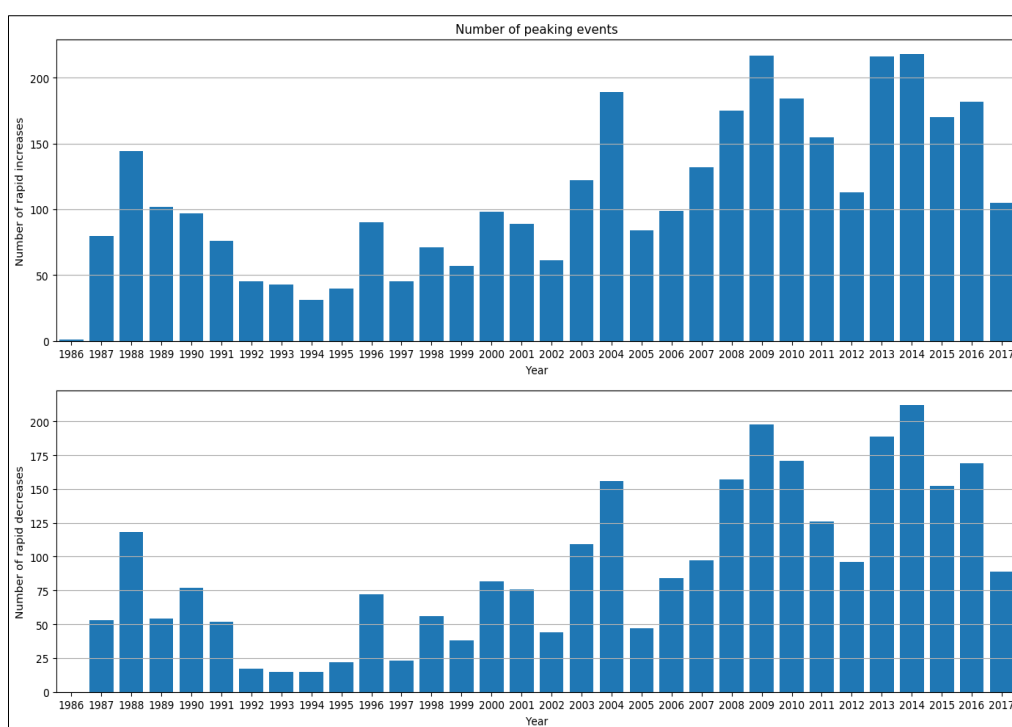


Figure 124. Skjermo. Number of peaks per year – Water level

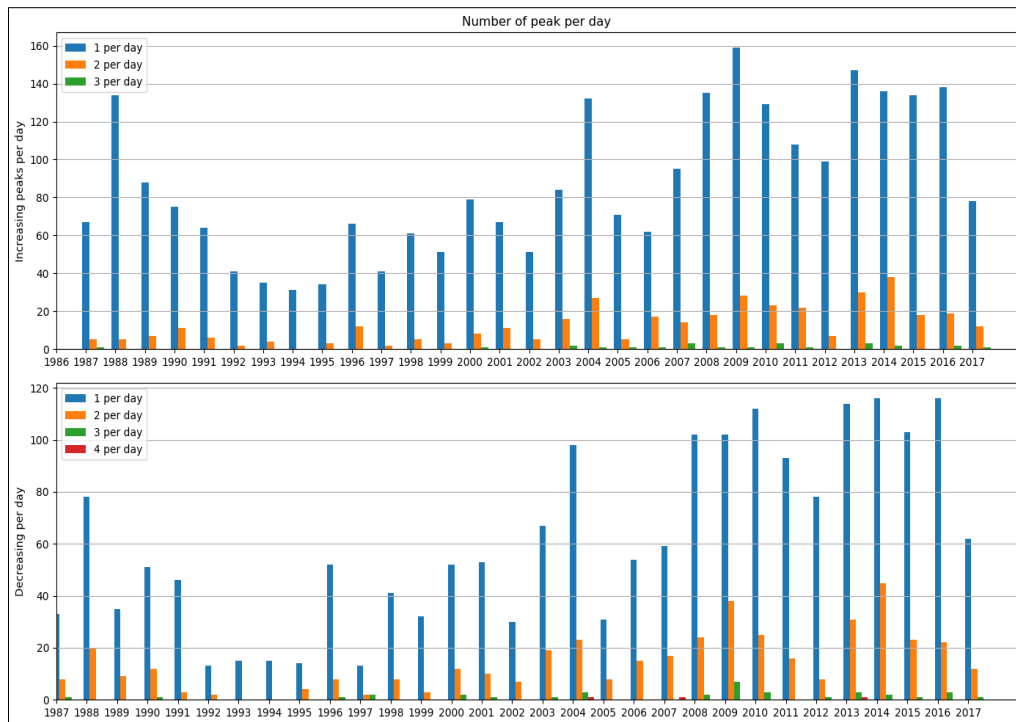


Figure 125. Skjermo. Number of peaks per day - Water level

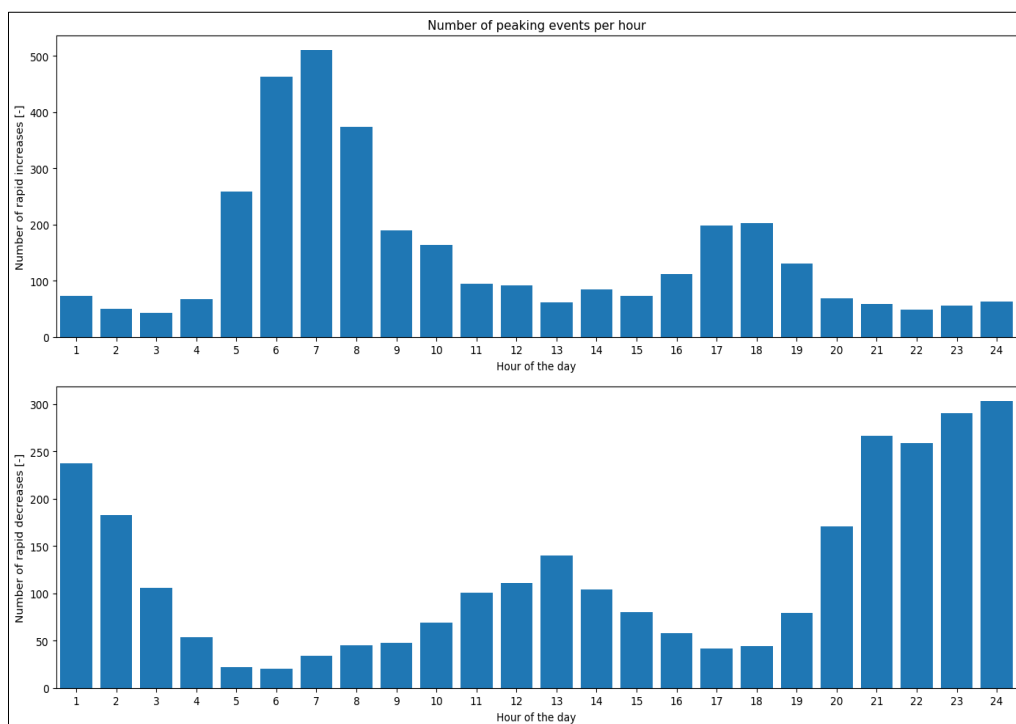


Figure 126. Skjermo. Number of peaks per hour - Water level

1.22 SYRSTAD

1.22.1 Discharge

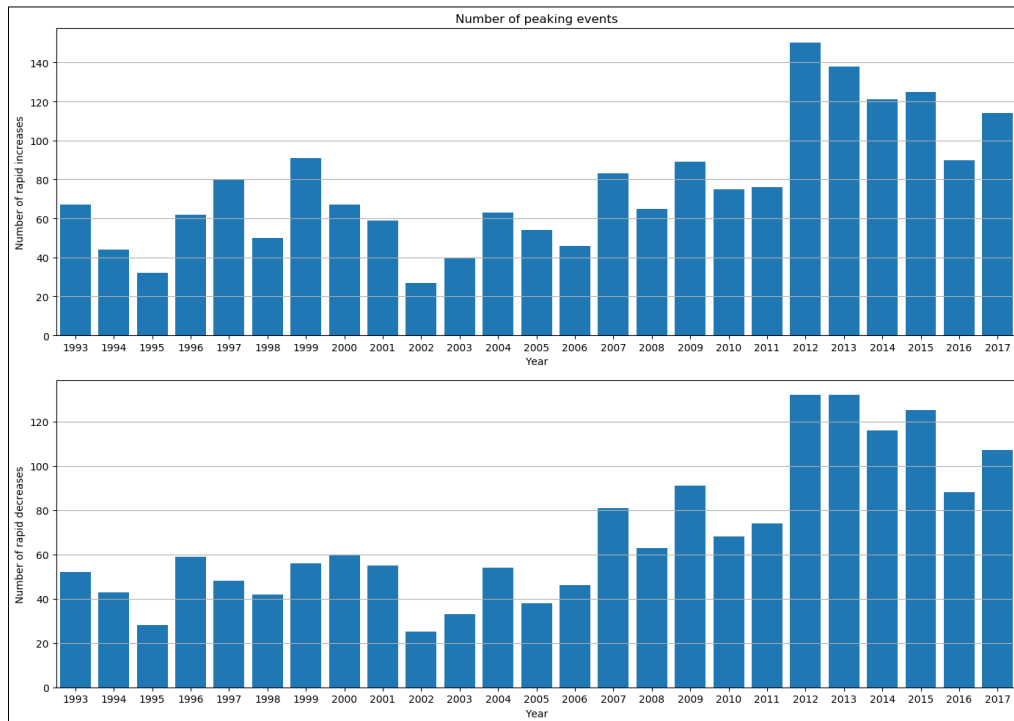


Figure 127. Syrstad. Number of peaks per year - Discharge

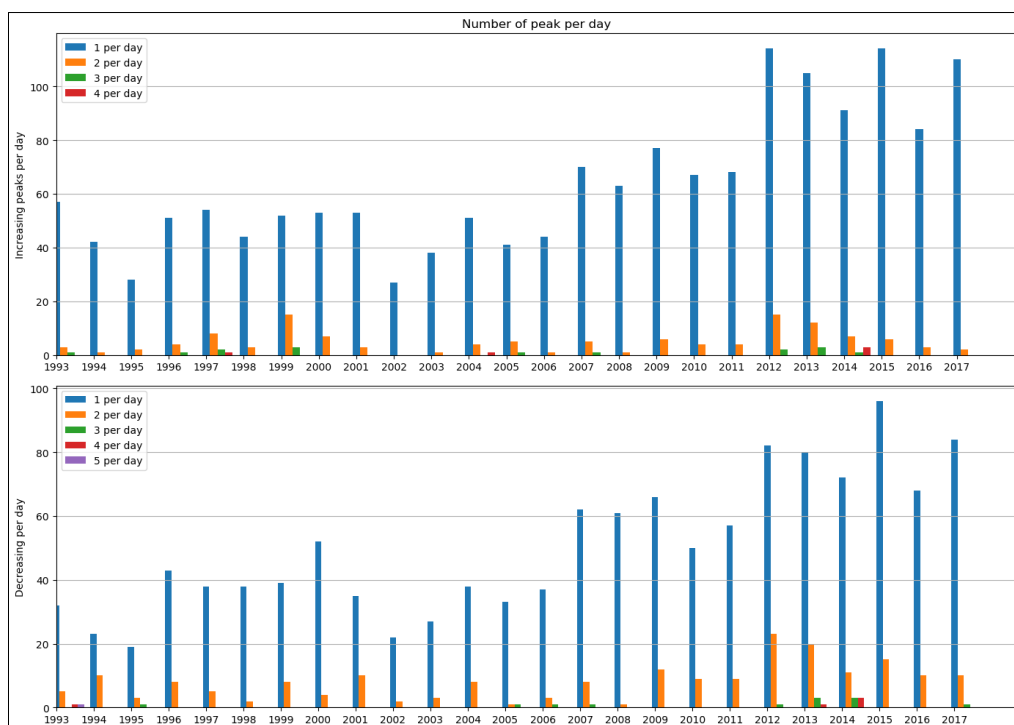


Figure 128. Syrstad. Number of peaks per day- Discharge

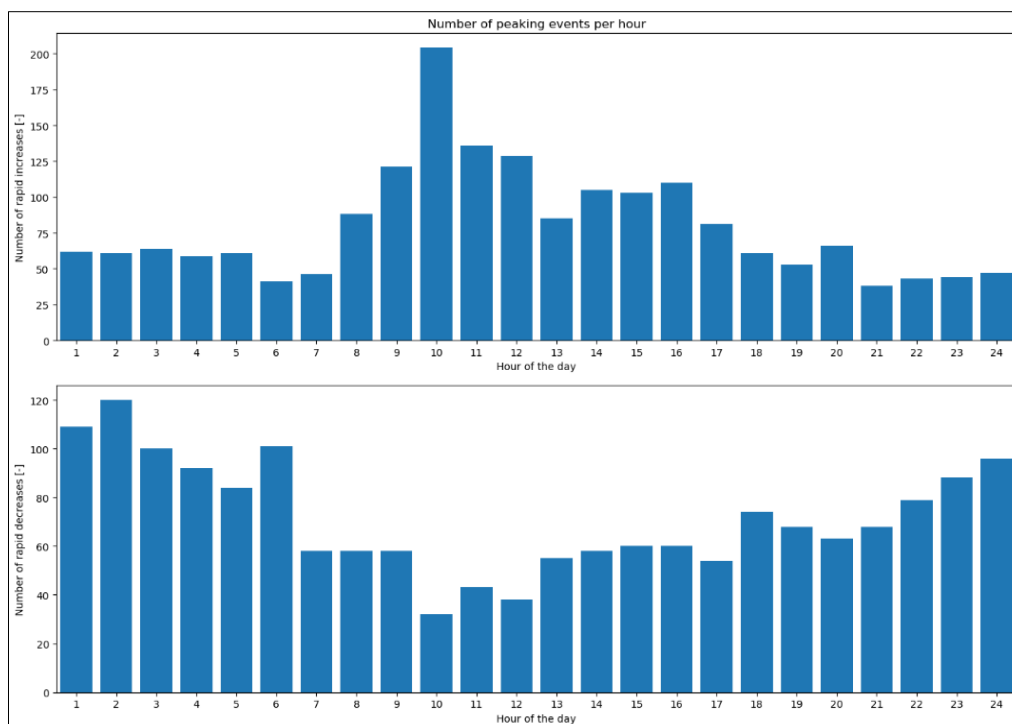


Figure 129. Syrstad. Number of peaks per hour - Discharge

1.22.2 Water level

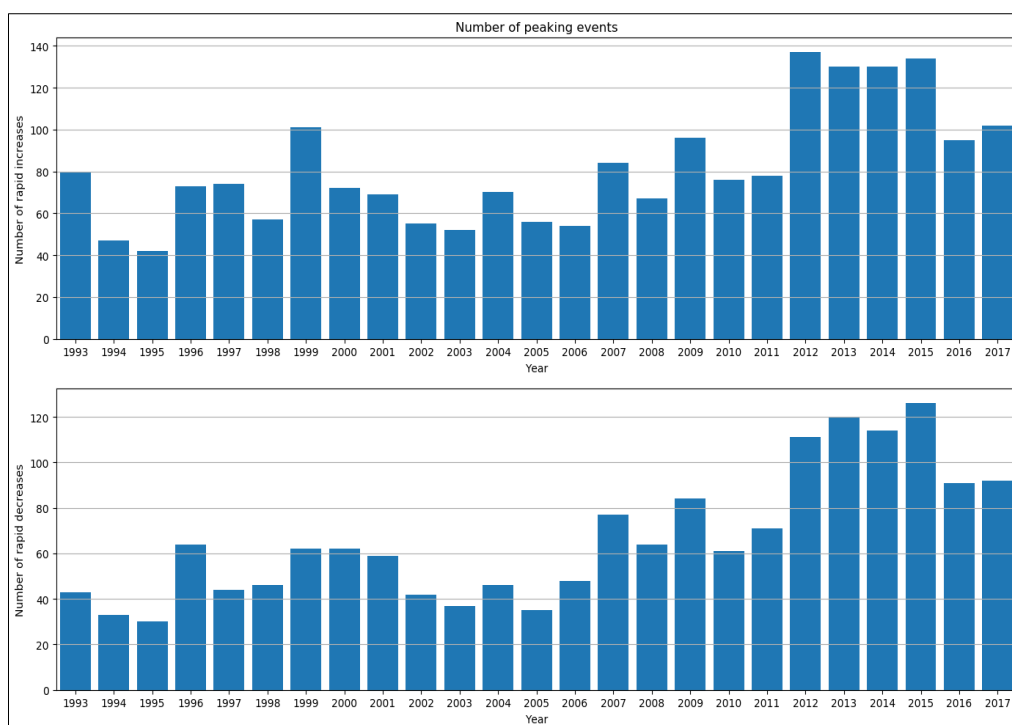


Figure 130. Syrstad. Number of peaks per year - Water level

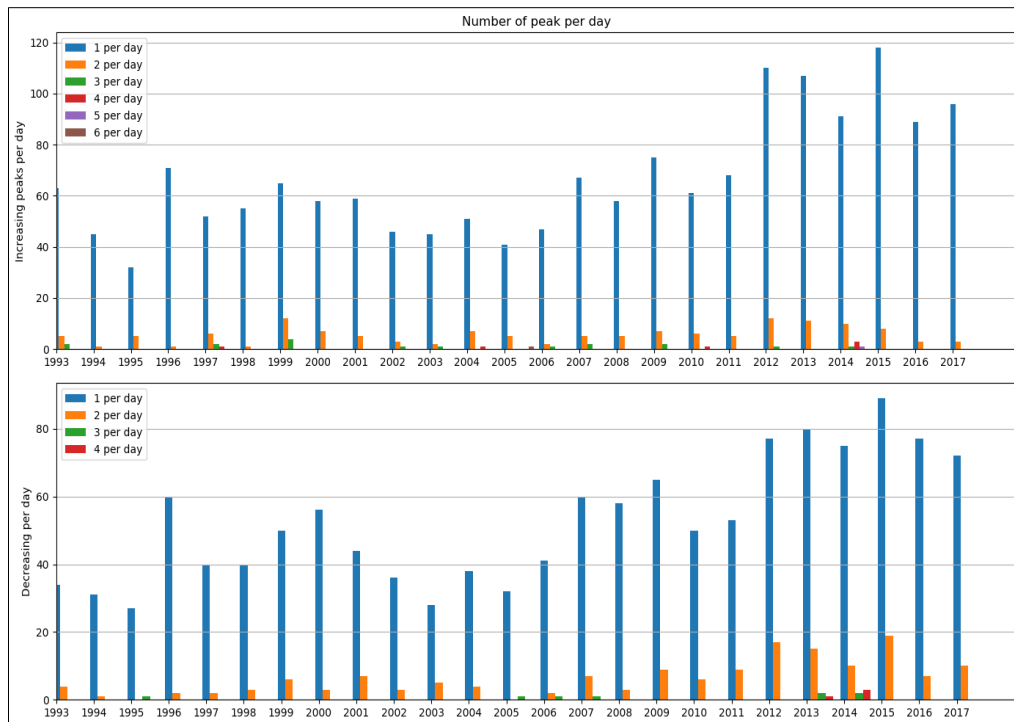


Figure 131. Syrtstad. Number of peaks per day - Water level

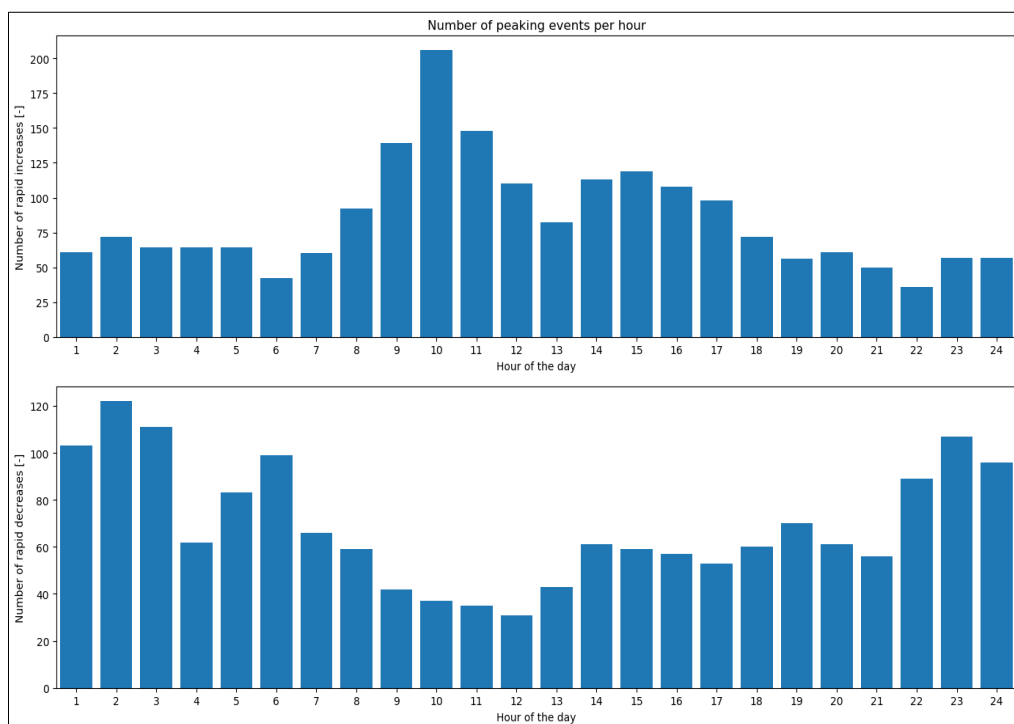


Figure 132. Syrtstad. Number of peaks per hour - Water level

1.23 TØRRISDAL

1.23.1 Discharge

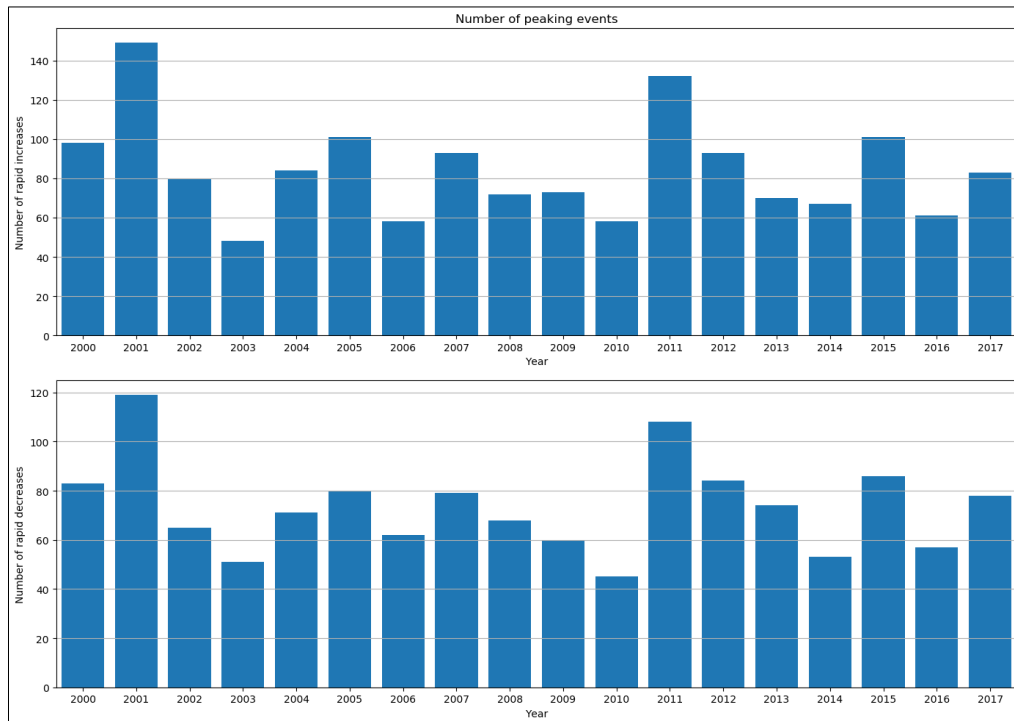


Figure 133. Tørrisdal. Number of peaks per year - Discharge

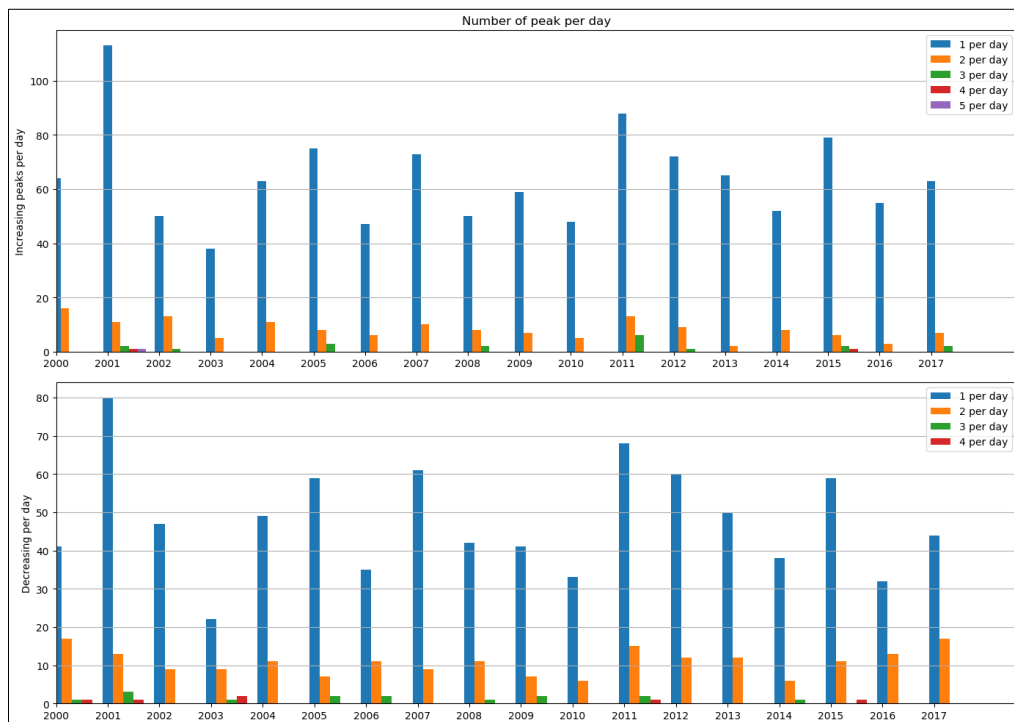


Figure 134. Tørrisdal. Number of peaks per day- Discharge

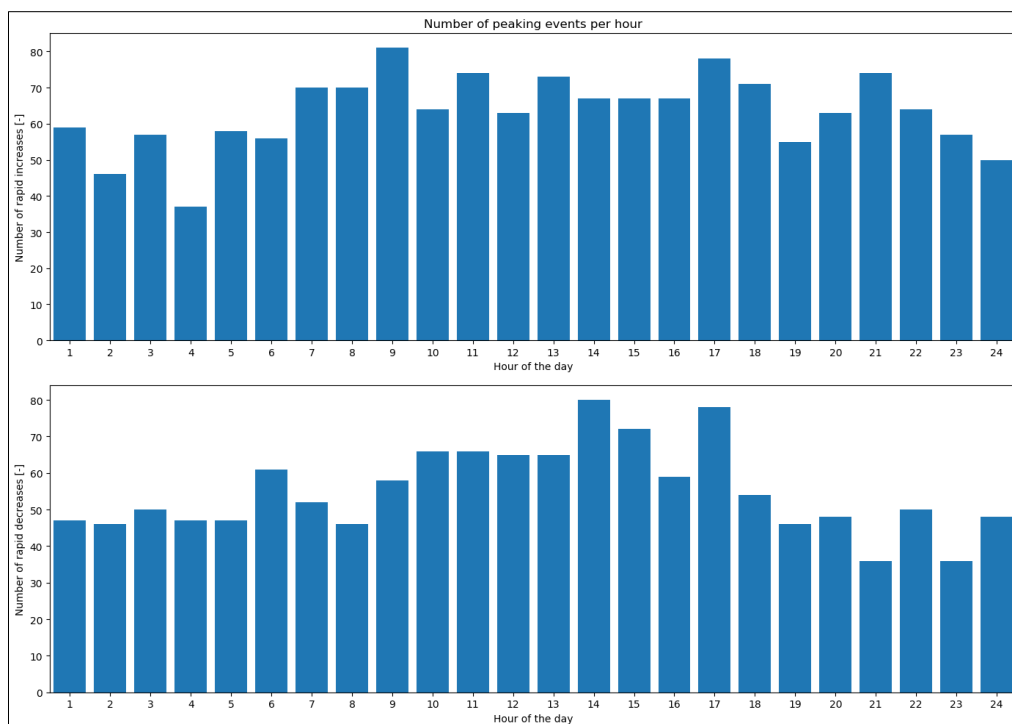


Figure 135. Tørrisdal. Number of peaks per hour - Discharge

1.23.2 Water level

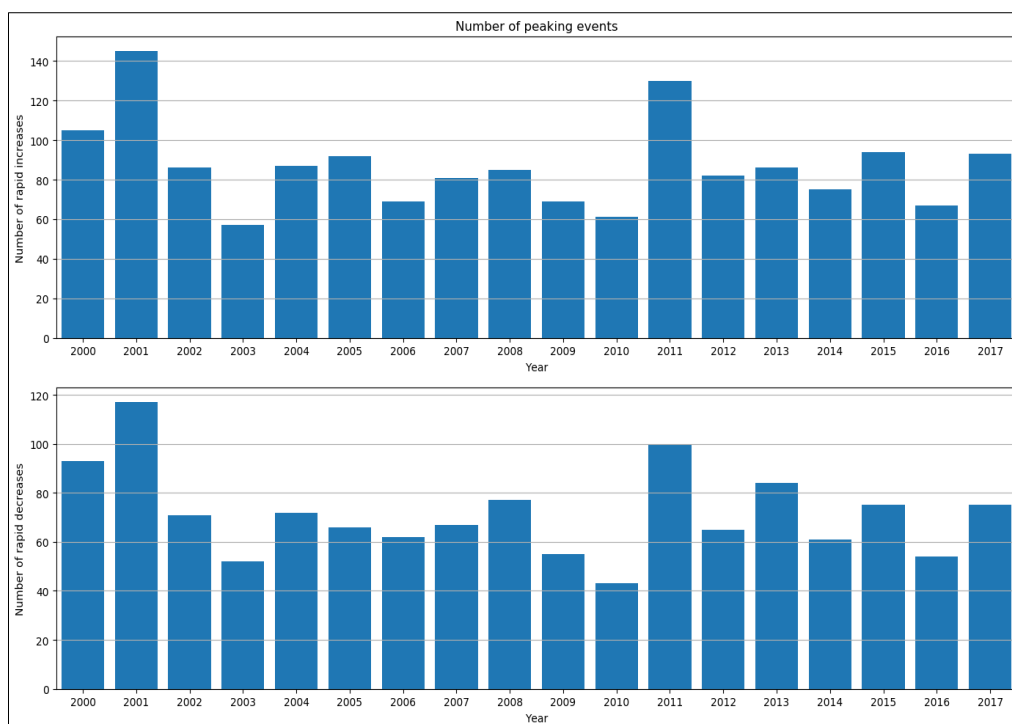


Figure 136. Tørrisdal. Number of peaks per year - Water level

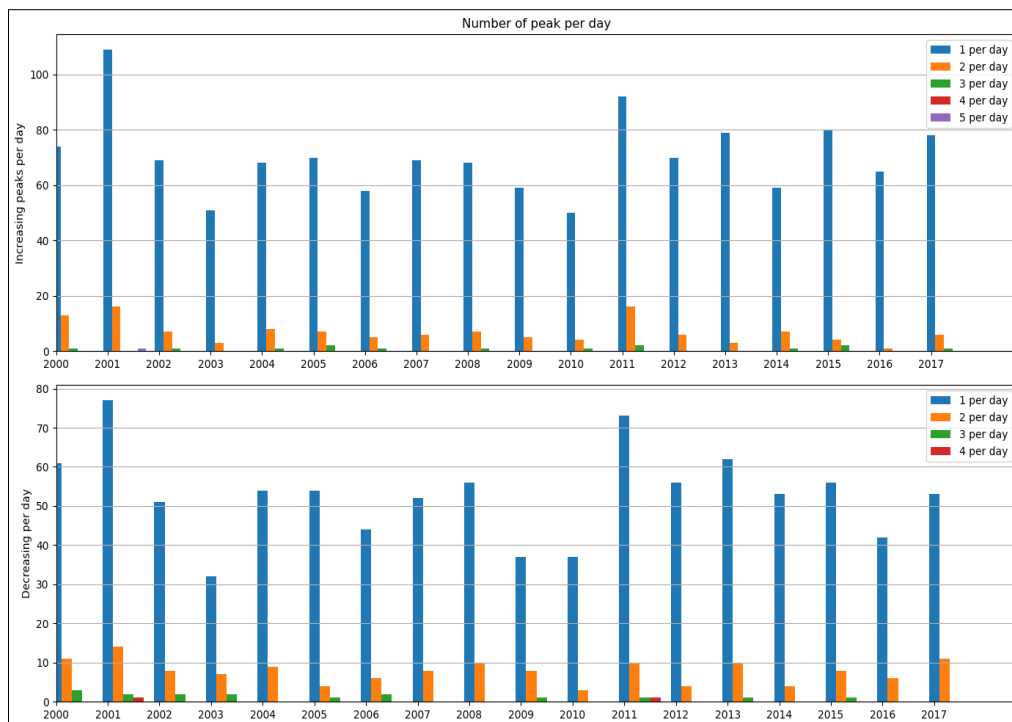


Figure 137. Tørrisdal. Number of peaks per day - Water level

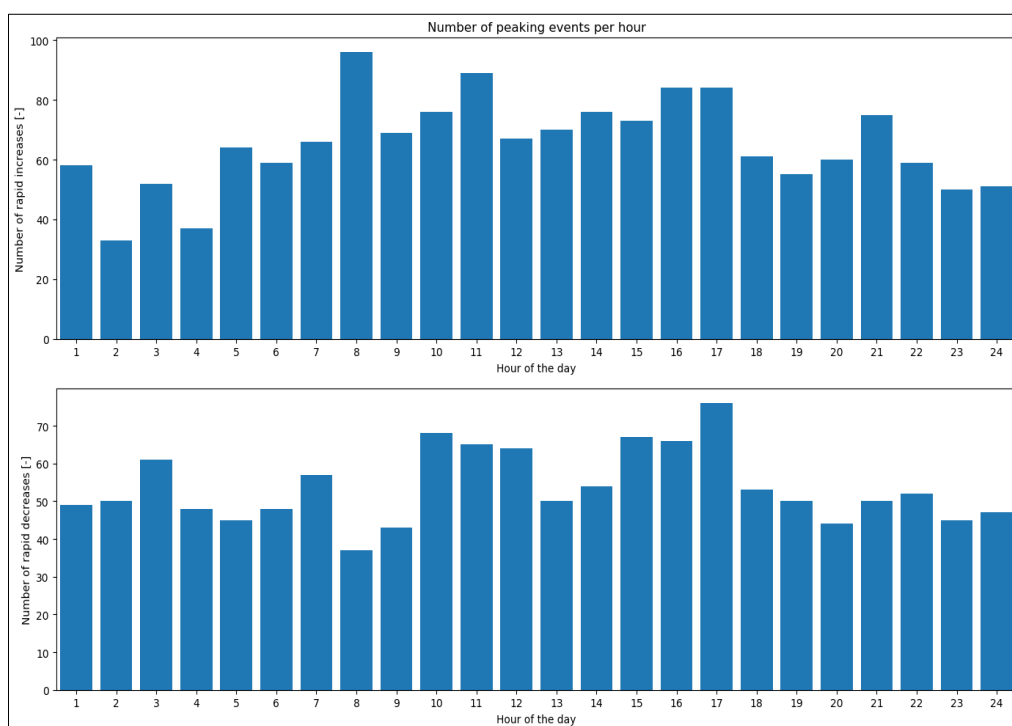


Figure 138. Tørrisdal. Number of peaks per hour- Water level

2 UNREGULATED STATIONS

2.1 MASI

2.1.1 Discharge

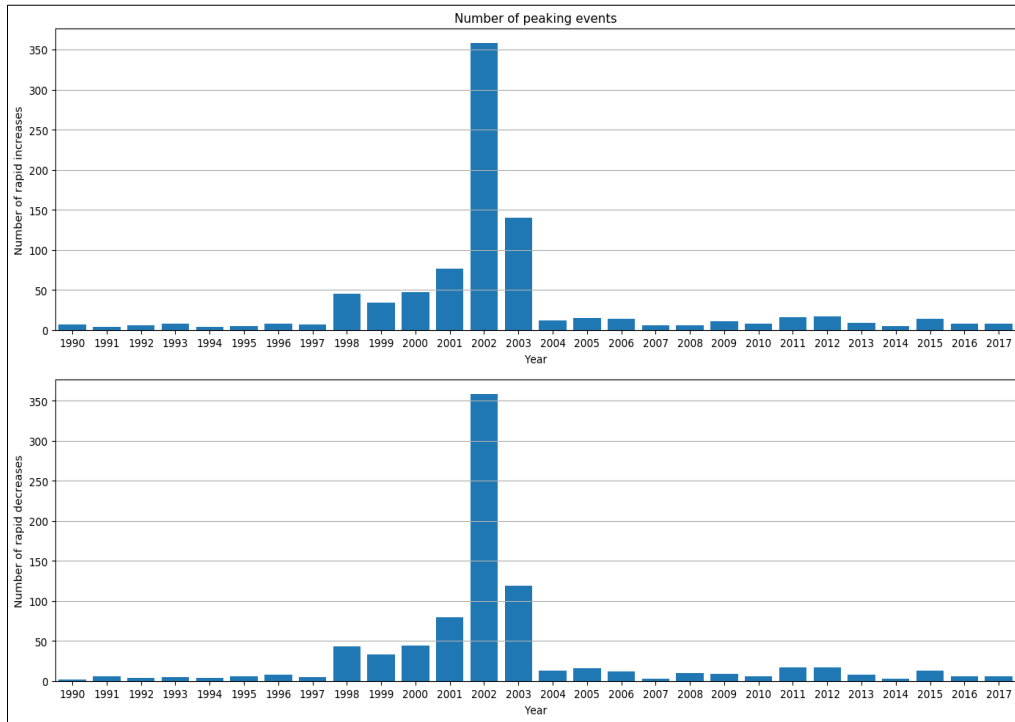


Figure 139. Masi. Number of peaks per year - Discharge

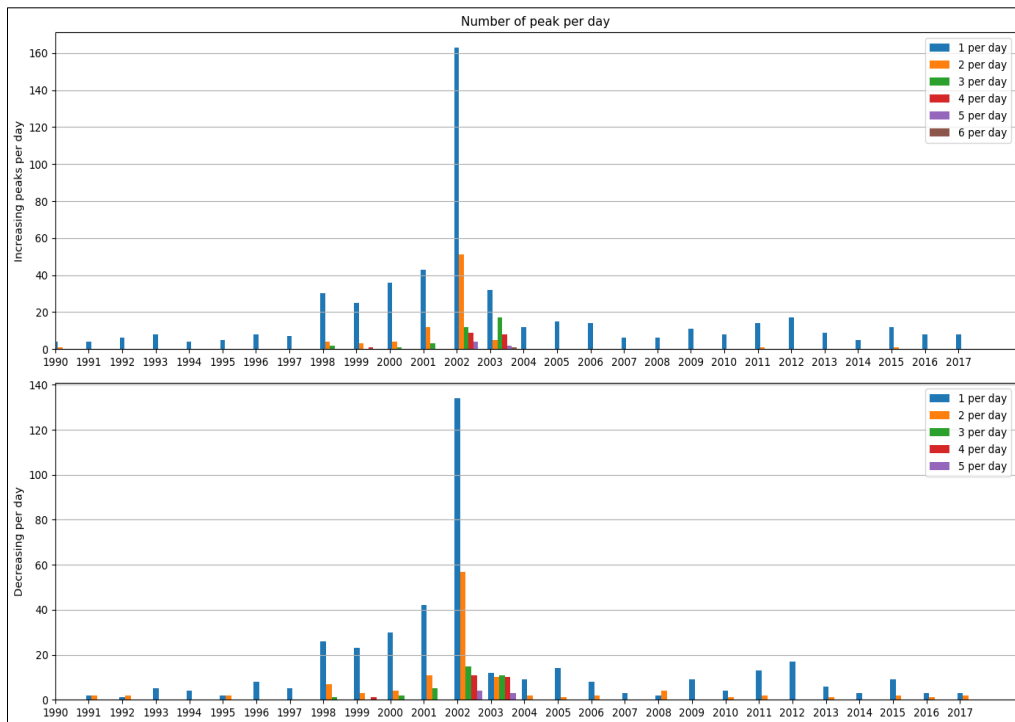


Figure 140. Masi. Number of peaks per day - Discharge

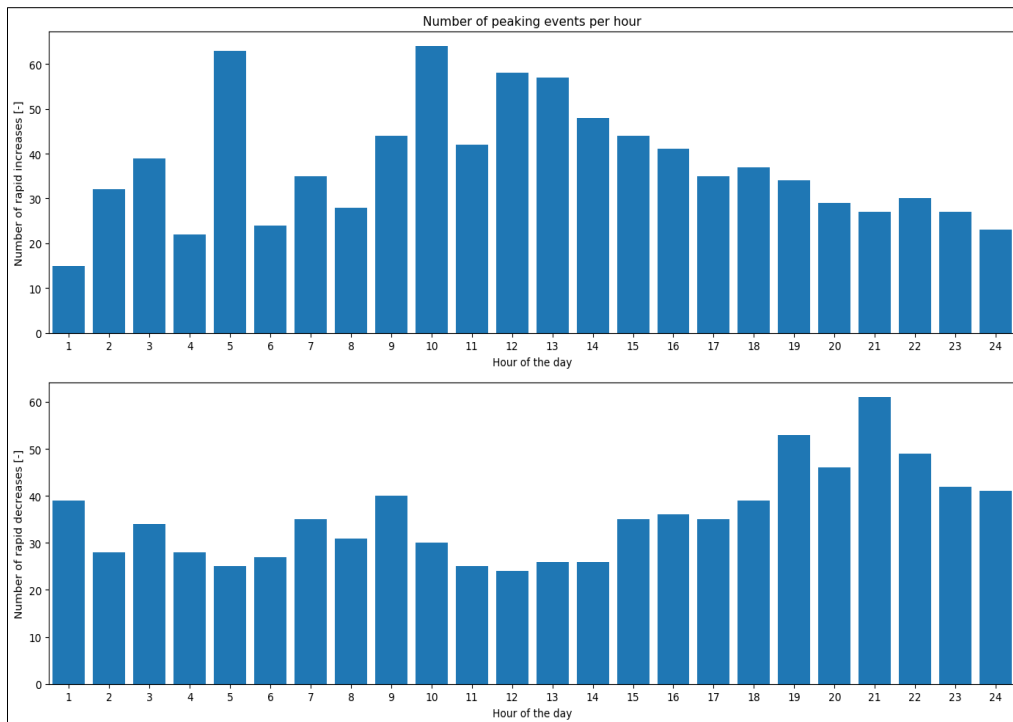


Figure 141. Masi. Number of peaks per hour - Discharge

2.1.2 Water level

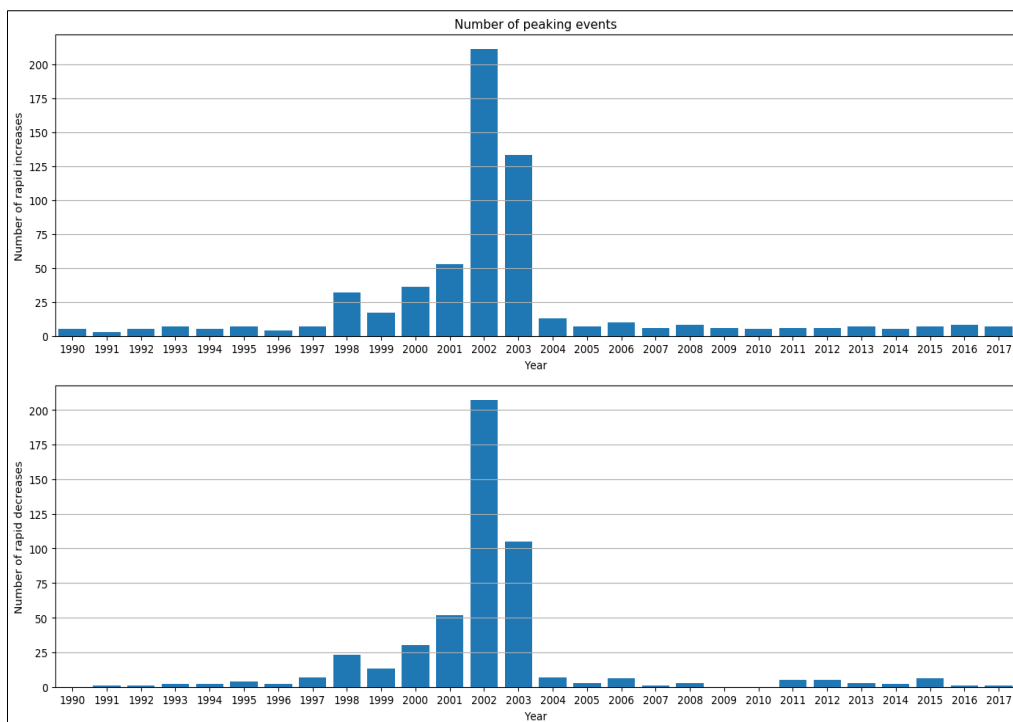


Figure 142. Masi. Number of peaks per year - Water level

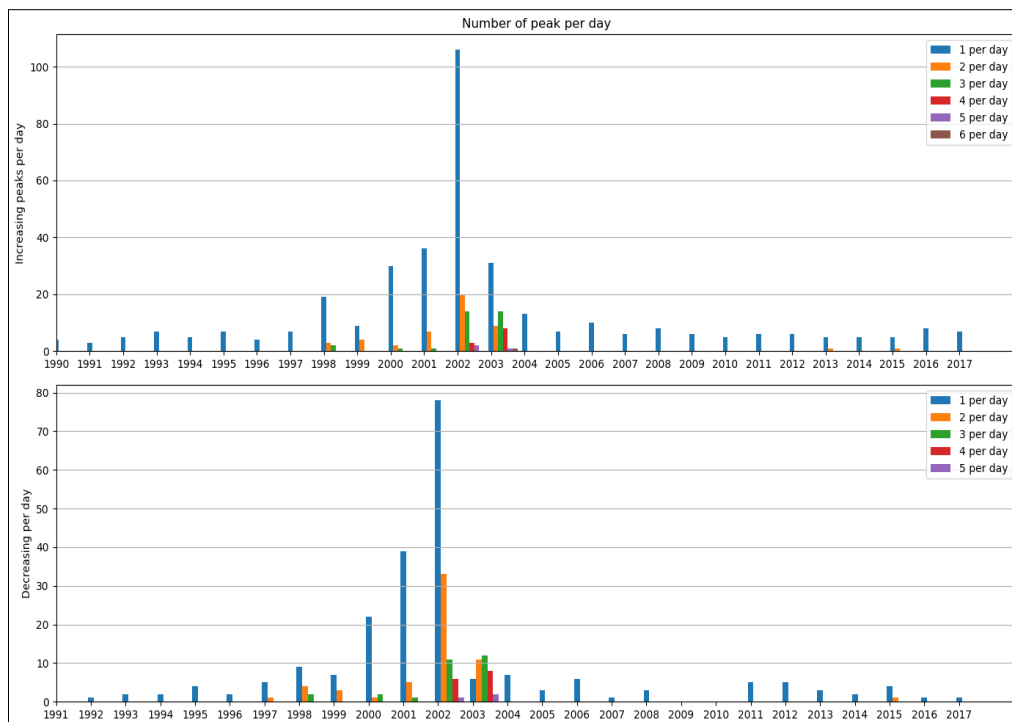


Figure 143. Masi. Number of peaks per day - Water level

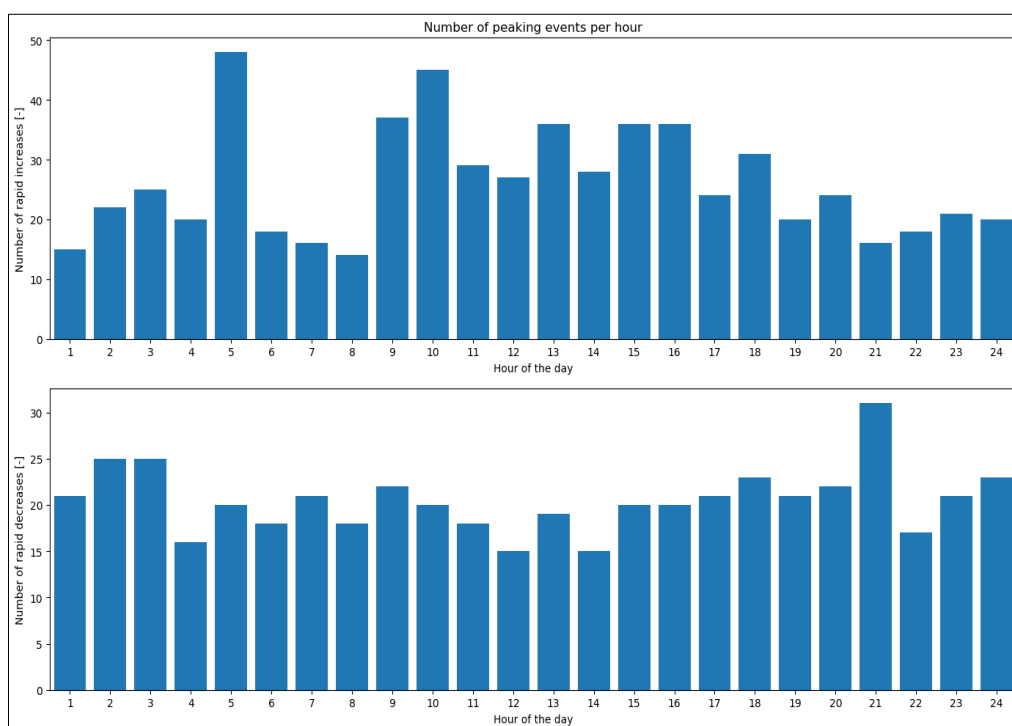


Figure 144. Masi. Number of peaks per hour - Water level

2.2 STRYNSVATN

2.2.1 Discharge

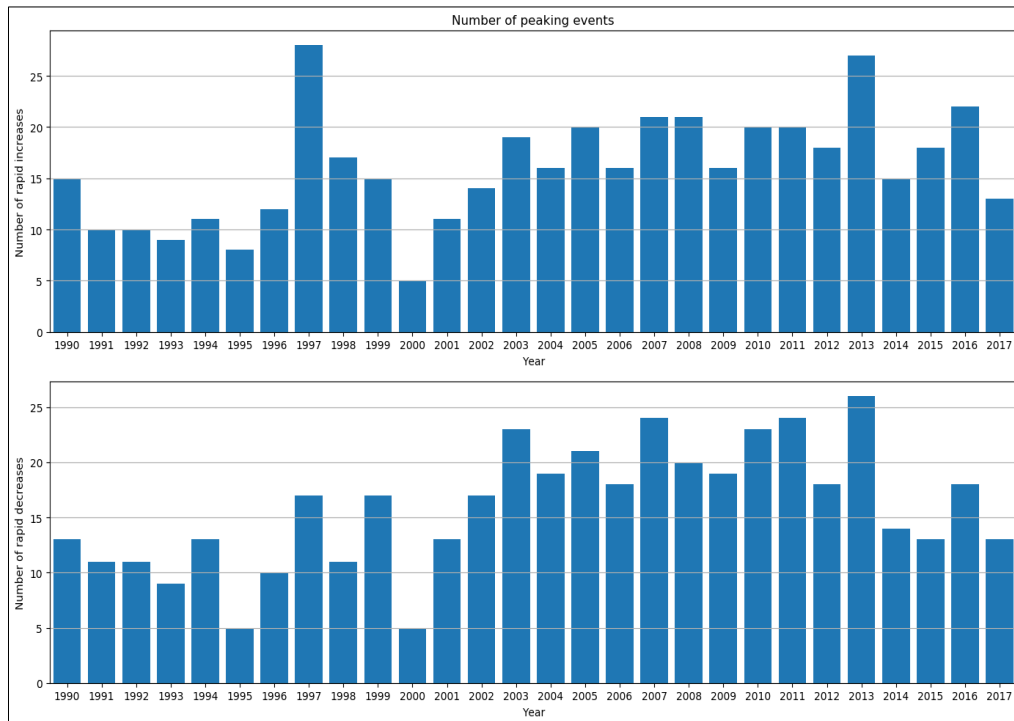


Figure 145. Strynsvatn. Number of peaks per year - Discharge

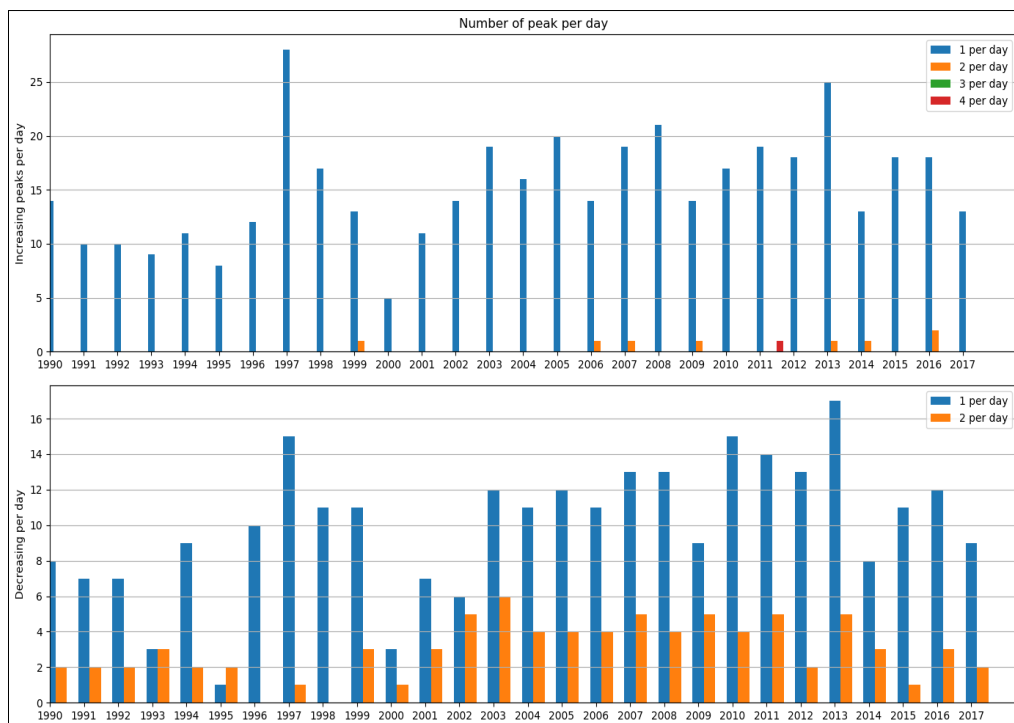


Figure 146. Strynsvatn. Number of peaks per day - Discharge

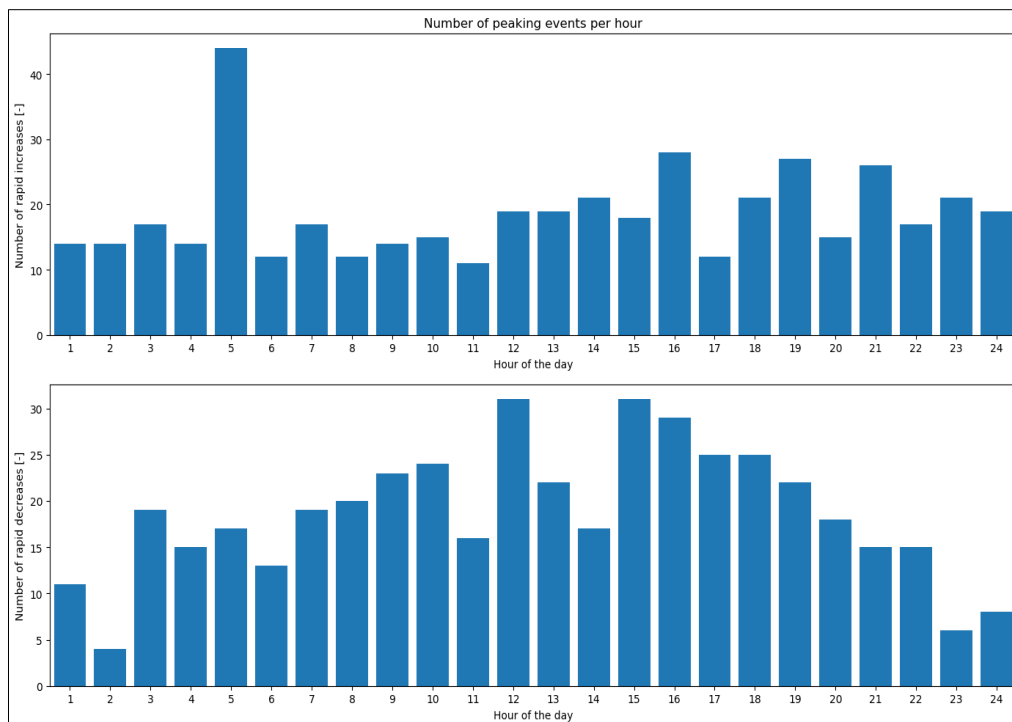


Figure 147. Strynsvatn. Number of peaks per hour - Discharge

2.2.2 Water level

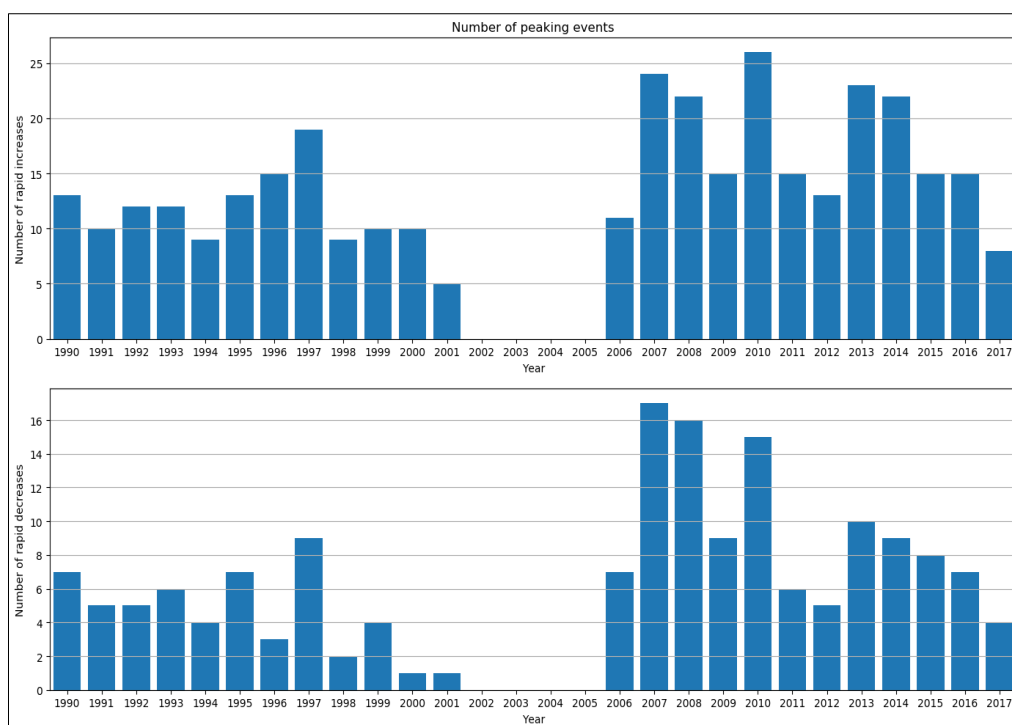


Figure 148. Strynsvatn. Number of peaks per year - Water level

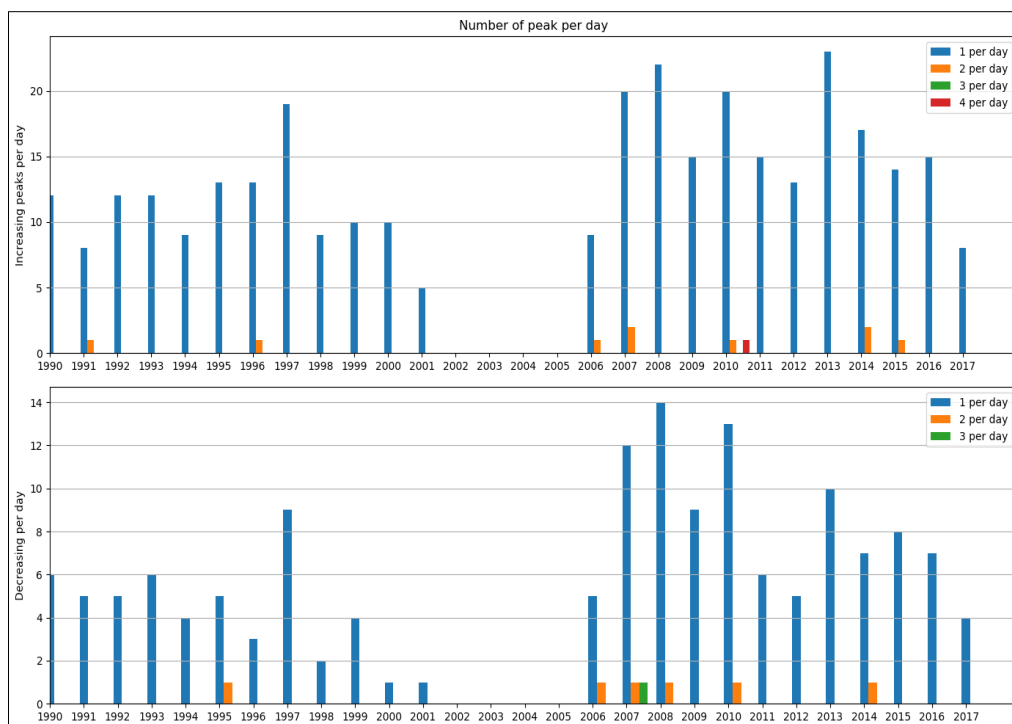


Figure 149. Strynsvatn. Number of peaks per day - Water level

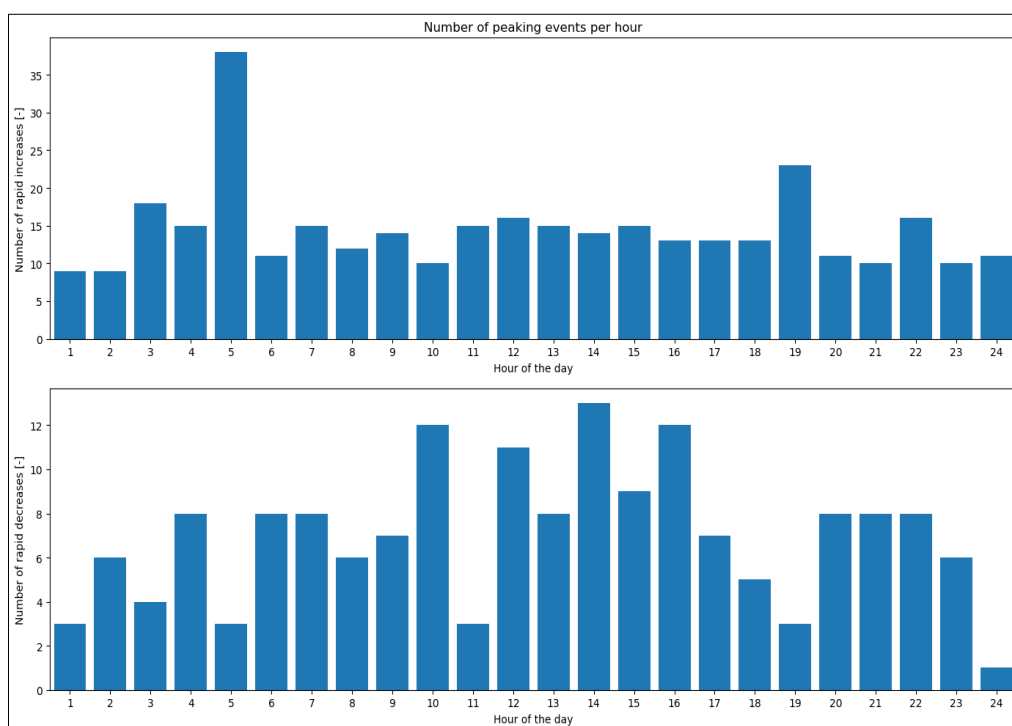


Figure 150. Strynsvatn. Number of peaks per hour - Water level

3 RELATIONS SEN'S SLOPE

3.1 SEN'S SLOPE VS DISTANCE STATION- POWER PLANT OUTLET

3.1.1 Discharge:

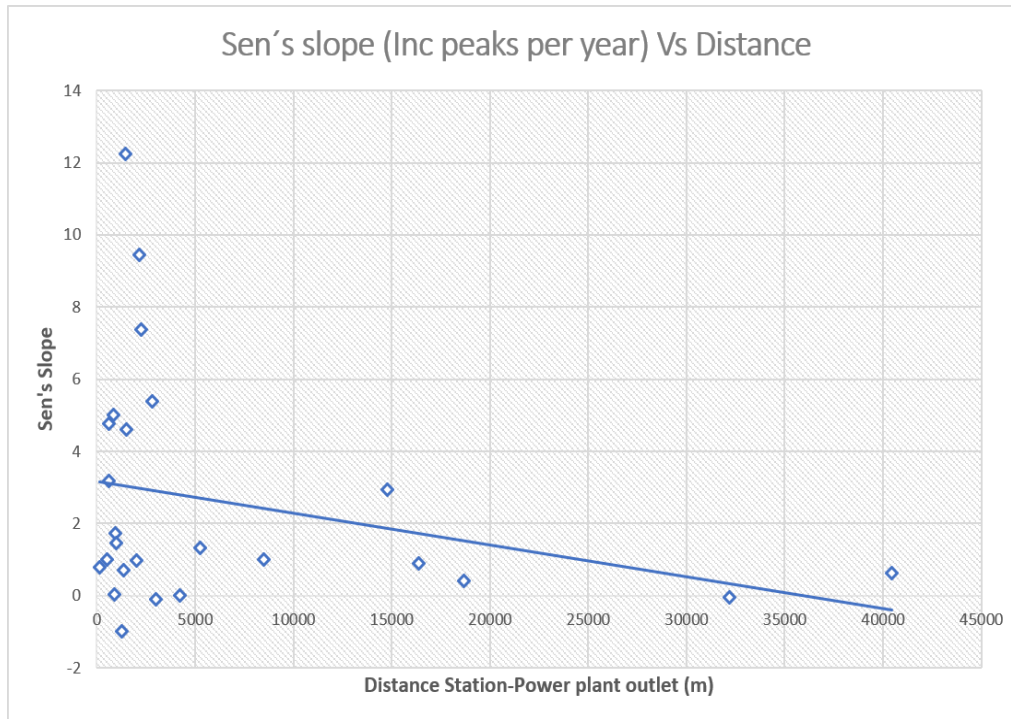


Figure 151. Relation Sen's slope Vs Distance (Inc peaks per year) - Discharge

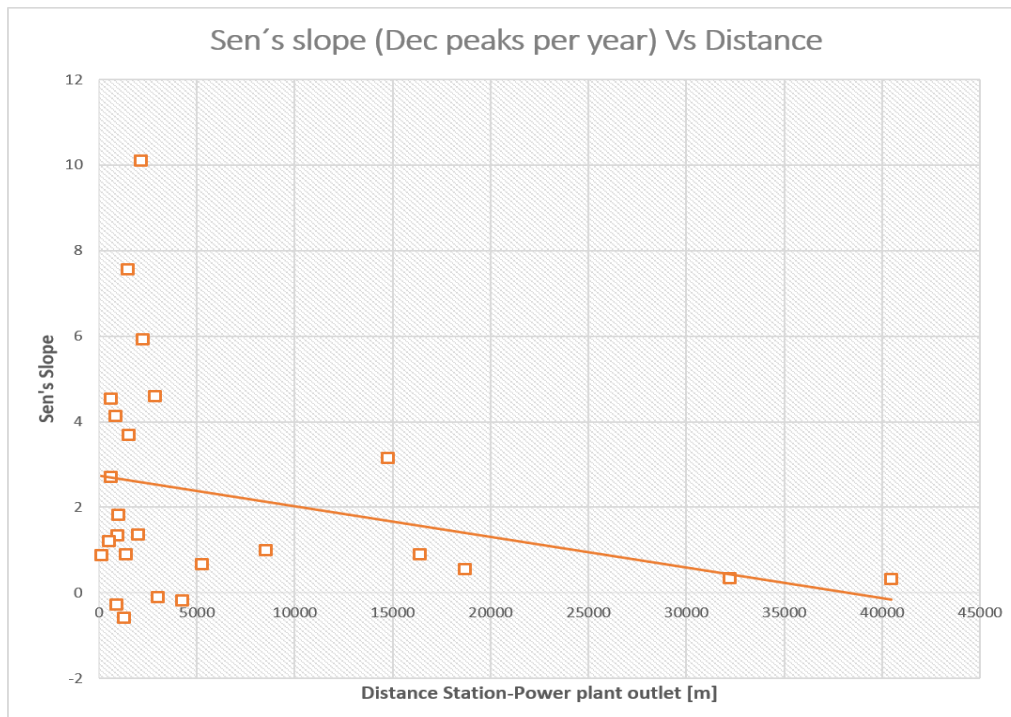
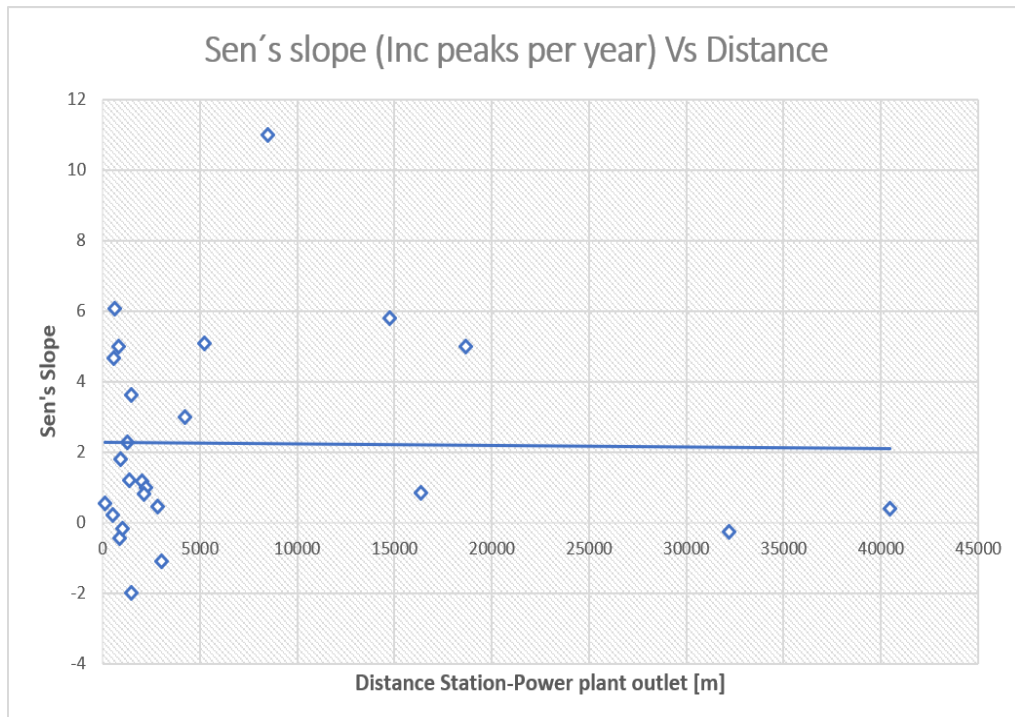


Figure 152. Relation Sen's slope Vs Distance (Dec peaks per year) - Discharge

3.1.2 Water level



3.2 SEN'S SLOPE VS DOR

3.2.1 Discharge

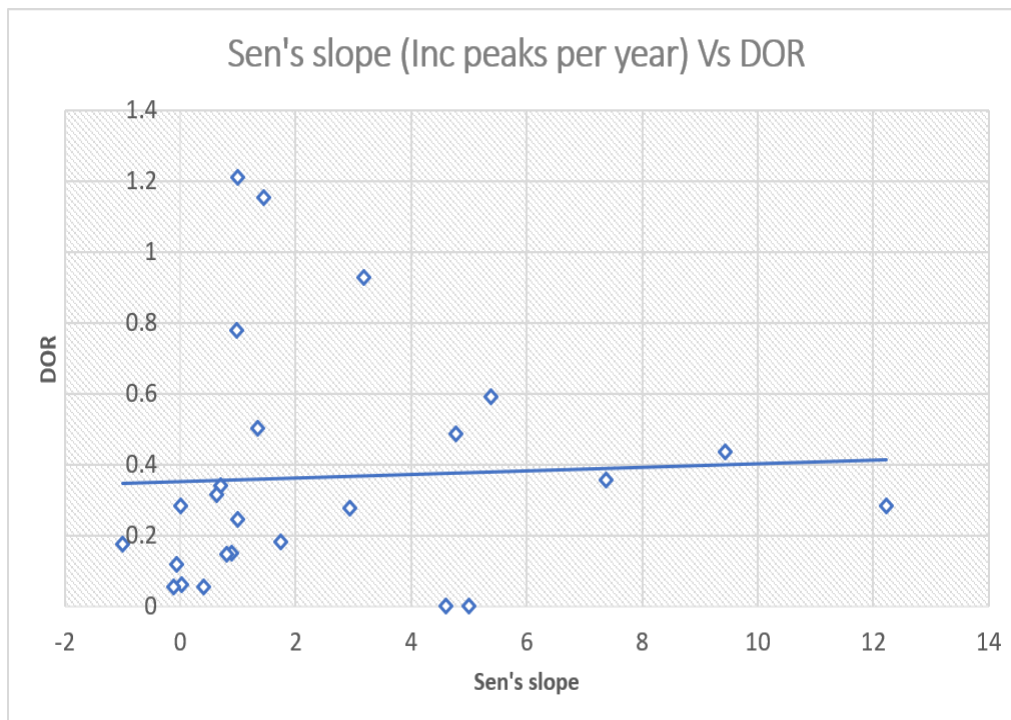


Figure 155. Relation DOR Vs Sen's slope (Inc peaks per year) – Discharge

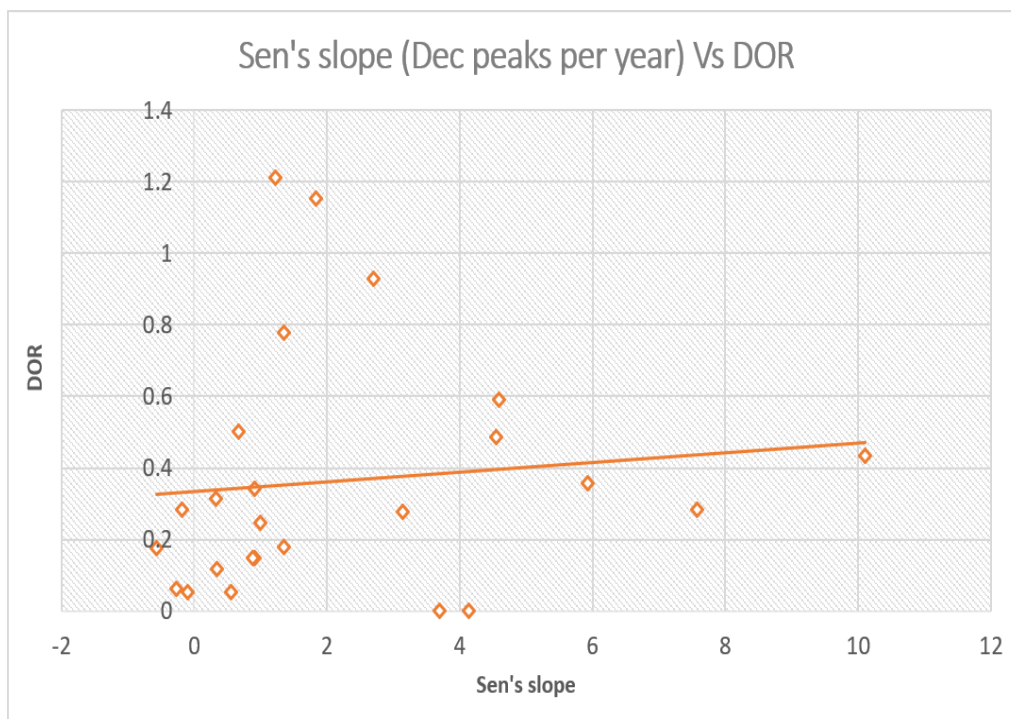


Figure 156. Relation DOR Vs Sen's slope (Dec peaks per year) – Discharge

3.2.2 Water level

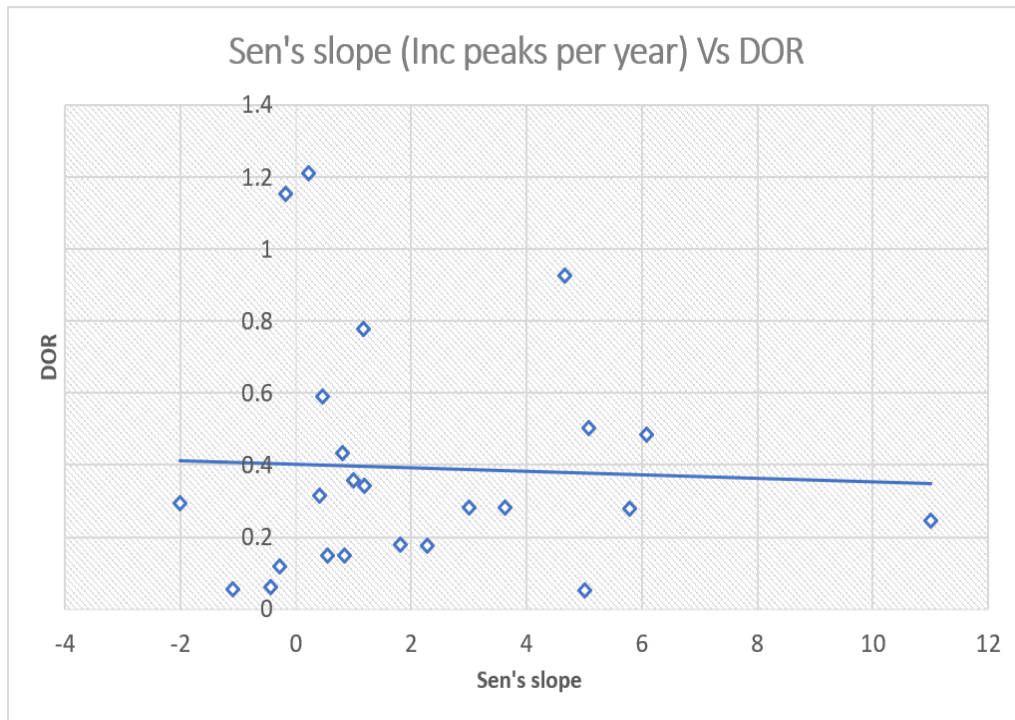


Figure 157. Relation DOR Vs Sen's slope (Inc peaks per year) - Water level

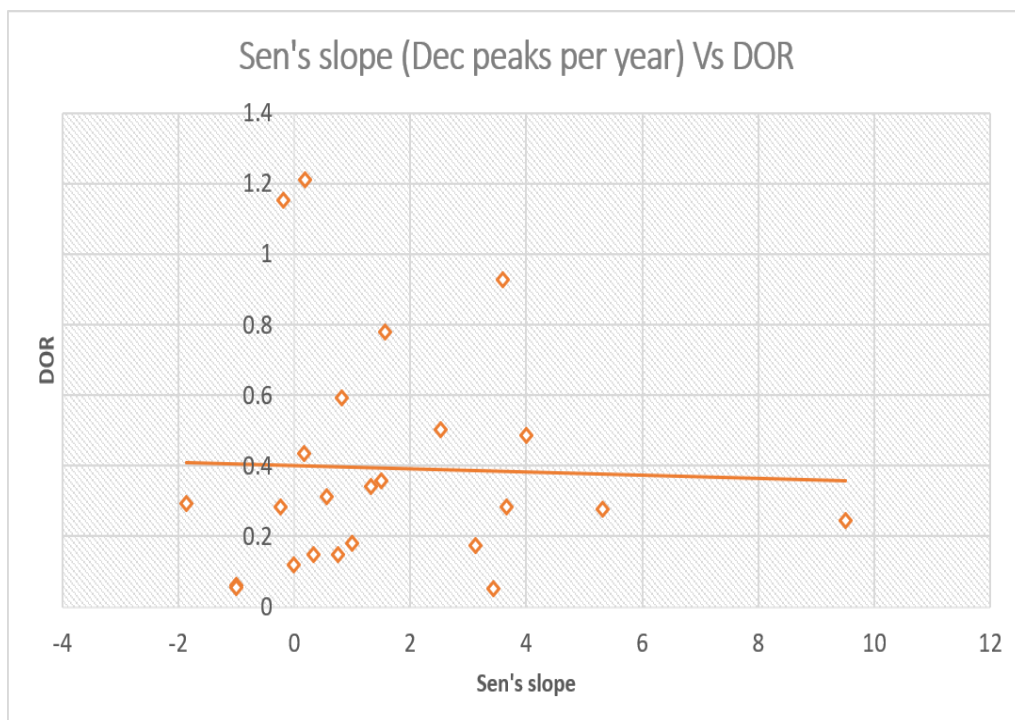


Figure 158. Relation DOR Vs Sen's slope (Dec peaks per year) - Water level