Supplementary Table 3. Wet and dry 30-yrs periods reflected in reconstructed previous June-current September precipitation series. Values in dry and wet periods given in parenthesis are below and above the long-term mean (510 mm). Percentage value is a percentage of years with precipitation below (for wet periods) or above (for dry periods) the long term average in the given 30-years period.

|  |  |
| --- | --- |
| Dry periods | Wet periods |
| Years | pJun-Sep precipitation in mm | Years | pJun-Sep precipitation in mm |
| 805-834 | 478 mm (-32. 33% of wet years) | 1098-1127 | 595 mm (85. 23% of dry years) |
| 890-919 | 446 mm (-66. 33% of wet years ) | 1157-1186 | 631 mm (121. 20%) |
| 927-956 | 397 mm (-113. 3% of wet years) | 1301-1330 | 585 mm (75. 13%)  |
| 960-989 | 370 mm (-140. 0% of wet years) | 1344-1373 | 595 mm (85. 10%) |
| **1211-1240** | **366 mm (-144. 7% of wet years)** | 1660-1689 | 640 mm (130. 0%) |
| 1579-1608 | 450 mm (-60. 7% of wet years) | 1707-1736 | 570 mm (60. 3%) |
| 1624-1653 | 465 mm (-45. 23% of wet years) | 1883-1912  | 585 mm (585. 75%) |
| 1810-1839 | 432 mm (-78. 7% of wet years) | **1985-2014** | **650 mm (140. 3%)** |
| 1925-1954 | 435 mm (-75. 7% of wet years) |  |  |