

**Table IV.** Values for selected hydrologic parameters calculated for estimated full natural runoff (FNR) and observed (OBS) flows

|   | Flow record | Annual mean daily discharge (m <sup>3</sup> s <sup>-1</sup> ) |     | Flow predictability |  | Constancy/predictability |      | Flood-free season (d) |     |
|---|-------------|---|-----|---------------------|--|--------------------------|------|-----------------------|-----|
|   |             | FNR   | OBS | FNR                 | OBS  | FNR                      | OBS  | FNR                   | OBS |
| Sacramento River drainage                         |             |   |     |                     |  |                          |      |                       |     |
| Sacramento River above Bend Bridge near Red Bluff | 1945–2006   | 351   | 352 | 0.53                | 0.61   | 0.76                     | 0.85 | 70                    | 23  |
| Annual mean daily discharge <sup>a</sup>          |             |   |     |                     | Mean of daily discharge.   |                          |      |                       |     |
| Flow predictability <sup>a</sup>                  |             |   |     |                     | Ranges from 0 (low predictability) to 1 (high predictability). The sum of constancy (C), a measure of temporal invariance and contingency (M), a measure of periodicity. See Colwell (1974) for details. |                          |      |                       |     |
| Constancy/predictability <sup>a</sup>             |             |   |     |                     | C/(C+M), the proportion of predictability due to constancy.  |                          |      |                       |     |
| Flood free season <sup>a</sup>                    |             |   |     |                     | Number of days in the longest period common to all water years when flows are at or below the 75th percentile of the FNR data record in every year.  |                          |      |                       |     |