

| Validation year | Obs. | Likelihood measure | Calibration year | | | |
|--------------------------|------|--------------------|------------------|--------------|--------------|--------------|
| | | | 2011 | 2012 | 2013 | 2014 |
| 2011 | flow | NSE | 0.881 | 0.861 | 0.769 | 0.854 |
| | | LnNSE | 0.839 | 0.838 | 0.711 | 0.796 |
| | | CR | 0.712 | 0.726 | 0.759 | 0.748 |
| | SCF | RMSE | 0.140 | 0.145 | 0.152 | 0.142 |
| | | CSI | 0.983 | 0.987 | 0.959 | 0.985 |
| | | CR | 0.551 | 0.450 | 0.615 | 0.552 |
| 2012 | flow | NSE | 0.808 | 0.914 | 0.758 | 0.837 |
| | | LnNSE | 0.822 | 0.918 | 0.595 | 0.791 |
| | | CR | 0.797 | 0.833 | 0.866 | 0.852 |
| | SCF | RMSE | 0.162 | 0.150 | 0.161 | 0.153 |
| | | CSI | 0.970 | 0.995 | 0.963 | 0.986 |
| | | CR | 0.417 | 0.342 | 0.516 | 0.439 |
| 2013 | flow | NSE | 0.947 | 0.896 | 0.940 | 0.941 |
| | | LnNSE | 0.940 | 0.880 | 0.934 | 0.914 |
| | | CR | 0.767 | 0.707 | 0.825 | 0.800 |
| | SCF | RMSE | 0.049 | 0.057 | 0.051 | 0.052 |
| | | CSI | 0.994 | 0.989 | 0.992 | 0.991 |
| | | CR | 0.857 | 0.843 | 0.871 | 0.862 |
| 2014 | flow | NSE | 0.872 | 0.859 | 0.787 | 0.898 |
| | | LnNSE | 0.540 | 0.307 | 0.310 | 0.674 |
| | | CR | 0.641 | 0.627 | 0.704 | 0.671 |
| | SCF | RMSE | 0.077 | 0.082 | 0.079 | 0.078 |
| | | CSI | 0.994 | 0.994 | 0.989 | 0.995 |
| | | CR | 0.706 | 0.661 | 0.748 | 0.713 |
| No. of acceptable models | | | 419 | 813 | 2213 | 1029 |