

| State | Label | Bridge local scour | | | | Road section inundation | | | | Road section mud-blocking | | | |
|-------|-------------------------|--------------------|----------|---------------|----------|-------------------------|----------|------------|----------|---------------------------|----------|------------|----------|
| | | 1-pier bridge | | 2-pier bridge | | major road | | minor road | | major road | | minor road | |
| | | μ | σ | μ | σ | μ | σ | μ | σ | μ | σ | μ | σ |
| s_0 | <i>operational</i> | – | – | – | – | – | – | – | – | – | – | – | – |
| s_1 | <i>monitored</i> | 5.52 | 0.66 | 4.67 | 0.64 | 2.71 | 0.74 | 1.61 | 0.92 | 9.07 | 3.45 | 7.70 | 3.70 |
| s_2 | <i>capacity-reduced</i> | 8.34 | 0.58 | 7.44 | 0.54 | 3.00 | 0.87 | 2.30 | 0.93 | 10.6 | 2.92 | 9.28 | 3.31 |
| s_3 | <i>closed</i> | 10.1 | 0.61 | 9.10 | 0.54 | 3.22 | 1.00 | 2.71 | 1.00 | 11.5 | 2.28 | 9.79 | 2.51 |