|  |  |  | Pierre Shale Low |  | Tertiary Clays |  | Pierre Shale High |  | Black Hills Plateau |  | Keya Paha Tablelands |  | GW Control |  | Sand Hills |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | SPI accumulation period (months) | Threshold | Fitted | SE +/- | Fitted | SE +/- | Fitted | SE +/- | Fitted | SE +/- | Fitted | SE +/- | Fitted | SE +/- | Fitted | SE +/- |
| Severity | SRI-1 | moderate | 1.6 | 1.1 | 2.1 | 1.0 | 2.0 | 1.0 | 1.8 | 1.0 | 1.8 | 1.0 | 1.7 | 1.0 | 1.7 | 1.0 |
| Severity | SRI-1 | severe | 2.0 | 1.1 | 2.7 | 1.0 | 2.5 | 1.0 | 2.4 | 1.0 | 2.4 | 1.0 | 2.2 | 1.0 | 2.2 | 1.0 |
| Severity | SRI-1 | extreme | 4.3 | 1.0 | 3.0 | 1.1 | 2.8 | 1.1 | 2.6 | 1.1 | 2.6 | 1.1 | 2.4 | 1.1 | 2.4 | 1.1 |
| Severity | SRI-6 | moderate | 1.9 | 1.0 | 2.8 | 1.0 | 2.7 | 1.0 | 2.5 | 1.0 | 2.5 | 1.0 | 2.3 | 1.0 | 2.3 | 1.0 |
| Severity | SRI-6 | severe | 2.3 | 1.1 | 3.7 | 1.0 | 3.5 | 1.0 | 3.2 | 1.0 | 3.2 | 1.0 | 3.0 | 1.0 | 3.0 | 1.0 |
| Severity | SRI-6 | extreme | 5.0 | 1.0 | 4.0 | 1.1 | 3.8 | 1.1 | 3.5 | 1.1 | 3.5 | 1.1 | 3.3 | 1.1 | 3.3 | 1.1 |
| Severity | SRI-18 | moderate | 2.7 | 1.1 | 5.9 | 1.1 | 5.6 | 1.0 | 5.2 | 1.0 | 5.1 | 1.0 | 4.8 | 1.0 | 4.8 | 1.0 |
| Severity | SRI-18 | severe | 3.2 | 1.1 | 7.7 | 1.1 | 7.2 | 1.1 | 6.7 | 1.0 | 6.7 | 1.0 | 6.3 | 1.0 | 6.3 | 1.0 |
| Severity | SRI-18 | extreme | 7.0 | 1.1 | 8.4 | 1.1 | 7.9 | 1.1 |  |  | 7.3 | 1.1 | 6.9 | 1.1 | 6.9 | 1.1 |
| Duration | SRI-1 | moderate | 1.3 | 1.1 | 1.7 | 1.0 | 1.6 | 1.0 | 1.5 | 1.0 | 1.5 | 1.0 | 1.4 | 1.0 | 1.4 | 1.0 |
| Duration | SRI-1 | severe | 1.1 | 1.1 | 1.6 | 1.0 | 1.5 | 1.0 | 1.4 | 1.0 | 1.4 | 1.0 | 1.3 | 1.0 | 1.3 | 1.0 |
| Duration | SRI-1 | extreme | 1.5 | 1.0 | 1.3 | 1.1 | 1.2 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| Duration | SRI-6 | moderate | 1.6 | 1.0 | 2.3 | 1.0 | 2.2 | 1.0 | 2.0 | 1.0 | 2.0 | 1.0 | 1.9 | 1.0 | 1.9 | 1.0 |
| Duration | SRI-6 | severe | 1.3 | 1.1 | 2.2 | 1.0 | 2.0 | 1.0 | 1.9 | 1.0 | 1.9 | 1.0 | 1.8 | 1.0 | 1.8 | 1.0 |
| Duration | SRI-6 | extreme | 1.7 | 1.0 | 1.8 | 1.1 | 1.7 | 1.1 | 1.6 | 1.1 | 1.6 | 1.1 | 1.5 | 1.1 | 1.5 | 1.1 |
| Duration | SRI-18 | moderate | 2.3 | 1.1 | 4.8 | 1.1 | 4.5 | 1.0 | 4.2 | 1.0 | 4.2 | 1.0 | 4.0 | 1.0 | 4.0 | 1.0 |
| Duration | SRI-18 | severe | 2.0 | 1.1 | 4.6 | 1.1 | 4.3 | 1.0 | 4.0 | 1.0 | 4.0 | 1.0 | 3.8 | 1.0 | 3.7 | 1.0 |
| Duration | SRI-18 | extreme | 2.5 | 1.1 | 3.8 | 1.1 | 3.5 | 1.1 |  |  | 3.3 | 1.1 | 3.1 | 1.1 | 3.1 | 1.1 |