

SUCCESS CASES OF THE STATE OF MINAS GERAIS/BRAZIL

WATER RESOURCES

Declaration of Water Shortage state

- ✓ It consists in declaring the state of restriction of use in river basins, with hydrological monitoring as a basis and the consequent detection of low flow levels in relation to Q7,10. For this, the guidelines and criteria established in Normative Deliberation CERH/MG no. 49/2015, amended by DN CERH/MG no. 50/2015, are used.
- ✓ In order to emit the decree declaring the water shortage state, daily monitoring of hydrological stations and reservoir levels distributed throughout the State of Minas Gerais is carried out. In this submission, the flows of water bodies are defined in three states: Attention, Alert and Restriction of use, the latter being the categories that support the declaration of water scarcity. Information related to this monitoring is available in the Integrated Remote Water Monitoring System (MIRA), accessible on the EcoSistemas Portal (address that aggregates the digital services offered by the State System for the Environment and Water Resources - Sisema).
- ✓ The declaration is issued when the average of daily flows of 7 consecutive days observed at the reference fluviometric monitoring station is less than 50% of Q7.10 in the state's hydrographic districts or less than 70% of Q7.10 for SF2 hydrographic districts , SF3, SF5, SF6, SF8, SF9 and SF10.

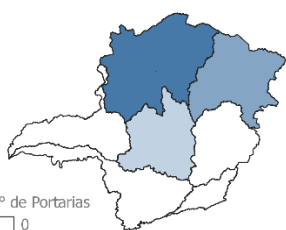
Quantitative and distribution of water scarcity ordinances published by UEG and per year

Strategic Management Units

Dry Season 2020 Dry Season 2021 Dry Season 2022 Dry Season 2023

Strategic Management Units	Dry Season 2020	Dry Season 2021	Dry Season 2022	Dry Season 2023
Afluentes do Alto Rio São Francisco - UEG1	1	0	1	2
Afluentes do Médio Rio São Francisco - UEG2	3	0	0	0
Afluentes do Rio Grande - UEG3	0	1	0	0
Afluentes do Rio Doce - UEG4	0	2	0	0
Afluentes dos Rios Mucuri, São Mateus, Jequitinhonha e Pardo - UEG5	2	0	0	0
Afluentes do Rio Paranaíba - UEG6	0	0	0	0
Afluentes do Rio Paraíba do Sul, Rio Preto (Itabopoana), Rio São João e Rio Caparaó - UEG7	0	0	0	0
Total	6	3	1	2

Dry Season
Período Seco 2020



Dry Season
Período Seco 2021



Dry Season
Período Seco 2022



Dry Season
Período Seco 2023

