

Previsão de Afluência - Reservatório de Fiu 2021-03-17

Localização das estações

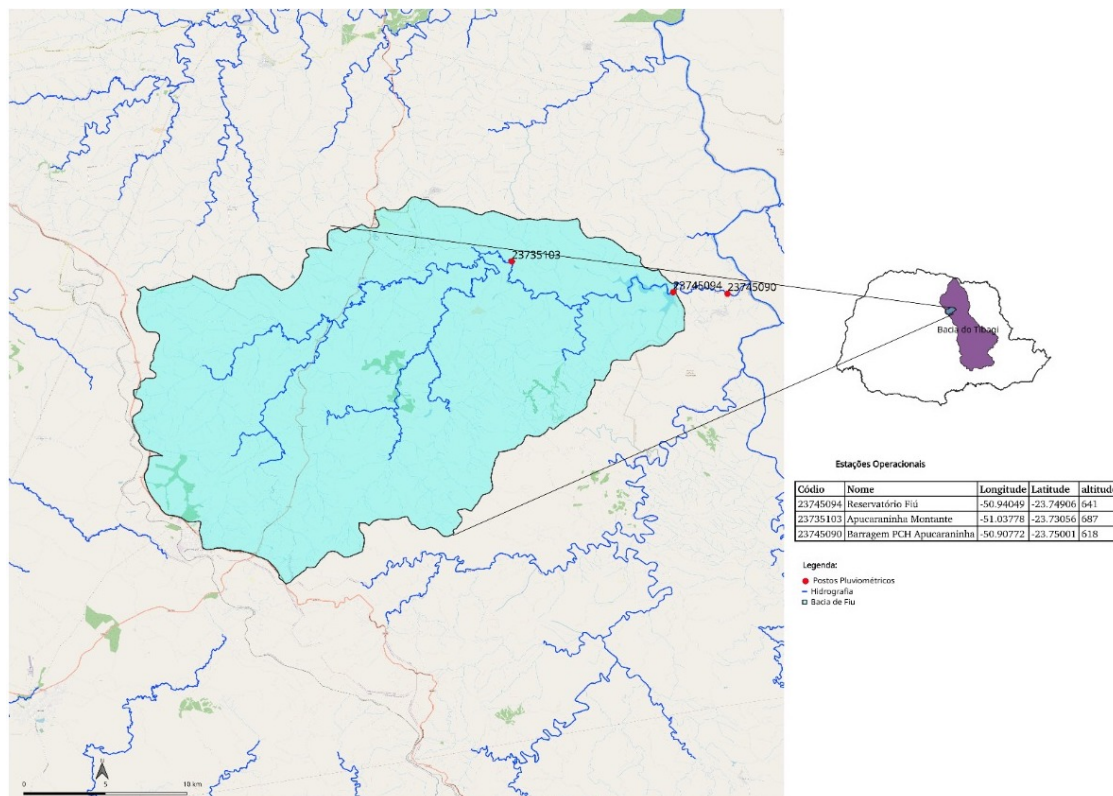


Figura 1: Bacia de Fiu

Chuva Observada

Tabela 1: Dados de chuva observada na bacia

| Dia | Estação | | | Chuva Integrada |
|------------|-----------------------|---------------------------|------------------|-----------------|
| | Apucarantina Montante | Barragem PCH Apucarantina | Reservatório Fiu | |
| | Precipitação (mm) | | | |
| 2021-03-10 | 0.2 | 0.0 | 0.0 | 0.0 |
| 2021-03-11 | 0.0 | 0.0 | 0.0 | 0.3 |
| 2021-03-12 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2021-03-13 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2021-03-14 | 0.0 | 0.0 | 0.0 | 0.2 |
| 2021-03-15 | 0.0 | 0.0 | 0.0 | 1.2 |
| 2021-03-16 | 0.0 | 0.0 | 0.0 | 0.8 |

Previsão Hidrometeorológica

Modelo Sacramento

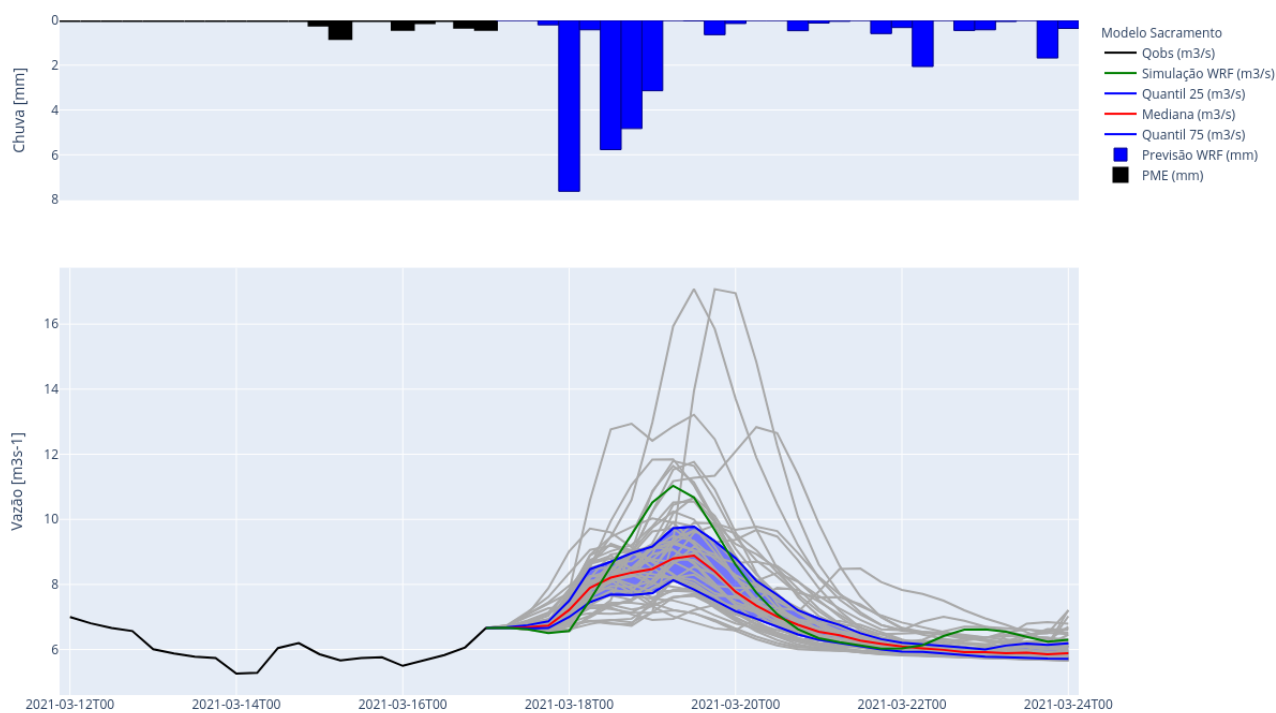


Figura 2: Previsão de afluência para o reservatório - Modelo Sacramento

Modelo GR5i

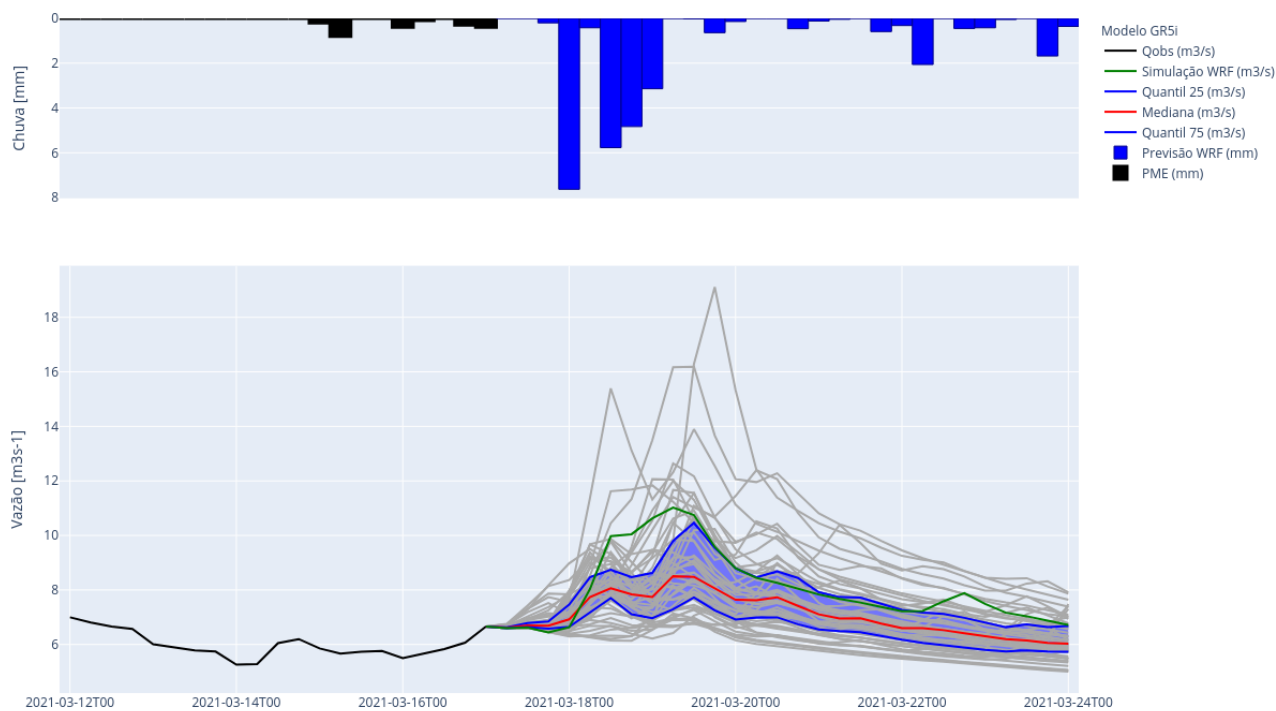


Figura 3: Previsão de afluência para o reservatório - Modelo GR5i

Detalhamento Previsões

Tabela 2: Valores de vazão afluyente média prevista - Modelo Sacramento

| Hora | Simulação com chuva ECMWF | | | | | Simulação com chuva WRF |
|---------------|------------------------------|------------|---------|------------|--------|----------------------------|
| | Mínimo | Quantil 25 | Mediana | Quantil 75 | Máximo | |
| | Vazão Média Prevista (m3s-1) | | | | | |
| 2021-03-17T00 | 6.66 | 6.66 | 6.66 | 6.66 | 6.66 | 6.66 |
| 2021-03-17T06 | 6.67 | 6.67 | 6.68 | 6.68 | 6.74 | 6.67 |
| 2021-03-17T12 | 6.62 | 6.64 | 6.69 | 6.75 | 7.15 | 6.62 |
| 2021-03-17T18 | 6.54 | 6.66 | 6.74 | 6.86 | 7.88 | 6.51 |
| 2021-03-18T00 | 6.56 | 7.0 | 7.22 | 7.5 | 9.02 | 6.57 |
| 2021-03-18T06 | 6.78 | 7.46 | 7.89 | 8.47 | 10.58 | 7.52 |
| 2021-03-18T12 | 6.79 | 7.69 | 8.21 | 8.7 | 12.76 | 8.55 |
| 2021-03-18T18 | 6.73 | 7.68 | 8.36 | 8.96 | 12.94 | 9.54 |
| 2021-03-19T00 | 6.91 | 7.73 | 8.48 | 9.17 | 12.97 | 10.52 |
| 2021-03-19T06 | 6.94 | 8.13 | 8.8 | 9.72 | 15.93 | 11.03 |
| 2021-03-19T12 | 6.82 | 7.85 | 8.88 | 9.78 | 17.07 | 10.67 |
| 2021-03-19T18 | 6.65 | 7.51 | 8.4 | 9.33 | 17.07 | 9.67 |
| 2021-03-20T00 | 6.57 | 7.18 | 7.78 | 8.82 | 16.95 | 8.61 |
| 2021-03-20T06 | 6.32 | 6.95 | 7.35 | 8.11 | 14.83 | 7.74 |
| 2021-03-20T12 | 6.13 | 6.71 | 7.02 | 7.68 | 12.65 | 7.09 |
| 2021-03-20T18 | 6.01 | 6.46 | 6.76 | 7.21 | 11.38 | 6.62 |
| 2021-03-21T00 | 5.98 | 6.3 | 6.55 | 6.95 | 9.87 | 6.35 |
| 2021-03-21T06 | 5.96 | 6.2 | 6.44 | 6.76 | 8.58 | 6.22 |
| 2021-03-21T12 | 5.91 | 6.09 | 6.27 | 6.5 | 8.49 | 6.12 |
| 2021-03-21T18 | 5.85 | 6.0 | 6.18 | 6.32 | 8.07 | 6.03 |
| 2021-03-22T00 | 5.82 | 5.94 | 6.09 | 6.21 | 7.83 | 6.03 |
| 2021-03-22T06 | 5.8 | 5.92 | 6.04 | 6.16 | 7.7 | 6.14 |
| 2021-03-22T12 | 5.77 | 5.88 | 5.99 | 6.12 | 7.5 | 6.41 |
| 2021-03-22T18 | 5.75 | 5.82 | 5.92 | 6.06 | 7.21 | 6.61 |
| 2021-03-23T00 | 5.73 | 5.78 | 5.92 | 6.0 | 6.96 | 6.62 |
| 2021-03-23T06 | 5.72 | 5.76 | 5.89 | 6.12 | 6.76 | 6.54 |
| 2021-03-23T12 | 5.7 | 5.74 | 5.9 | 6.18 | 6.8 | 6.39 |
| 2021-03-23T18 | 5.68 | 5.72 | 5.86 | 6.14 | 6.84 | 6.24 |
| 2021-03-24T00 | 5.67 | 5.71 | 5.88 | 6.19 | 7.22 | 6.3 |

- Horário de disparo da previsão: 2021-03-04T00:00 (UTC).
- Horários registrados pelo Tempo Coordenado Universal (UTC) / Hora Mundial.
- Dados indexados no limite superior de tempo. Ex: Registro de 06:00 contém previsões de vazão média para período 00:01 a 06:00.
- Simulações com Ensemble ECMWF - Conjunto de 51 forçantes.

Tabela 3: Valores de vazão afluyente média prevista - Modelo GR5i

| Hora | Simulação com chuva ECMWF | | | | | Simulação com chuva WRF |
|---------------|------------------------------|------------|---------|------------|--------|----------------------------|
| | Mínimo | Quantil 25 | Mediana | Quantil 75 | Máximo | |
| | Vazão Média Prevista (m3s-1) | | | | | |
| 2021-03-17T00 | 6.66 | 6.66 | 6.66 | 6.66 | 6.66 | 6.66 |
| 2021-03-17T06 | 6.6 | 6.6 | 6.62 | 6.63 | 6.76 | 6.6 |
| 2021-03-17T12 | 6.62 | 6.64 | 6.7 | 6.78 | 7.43 | 6.62 |
| 2021-03-17T18 | 6.44 | 6.58 | 6.68 | 6.85 | 8.17 | 6.44 |
| 2021-03-18T00 | 6.29 | 6.64 | 6.92 | 7.46 | 8.98 | 6.63 |
| 2021-03-18T06 | 6.26 | 7.16 | 7.74 | 8.47 | 11.37 | 8.03 |
| 2021-03-18T12 | 6.14 | 7.7 | 8.06 | 8.74 | 15.39 | 9.97 |
| 2021-03-18T18 | 6.14 | 7.11 | 7.84 | 8.47 | 13.11 | 10.04 |
| 2021-03-19T00 | 6.22 | 6.96 | 7.74 | 8.62 | 13.49 | 10.63 |
| 2021-03-19T06 | 6.42 | 7.29 | 8.51 | 9.8 | 16.17 | 11.02 |
| 2021-03-19T12 | 6.76 | 7.72 | 8.48 | 10.46 | 16.29 | 10.75 |
| 2021-03-19T18 | 6.47 | 7.25 | 8.05 | 9.55 | 19.11 | 9.58 |
| 2021-03-20T00 | 6.15 | 6.92 | 7.64 | 8.8 | 15.33 | 8.8 |
| 2021-03-20T06 | 6.02 | 6.99 | 7.63 | 8.46 | 12.42 | 8.44 |
| 2021-03-20T12 | 5.93 | 7.0 | 7.73 | 8.68 | 12.28 | 8.26 |
| 2021-03-20T18 | 5.84 | 6.74 | 7.42 | 8.44 | 11.54 | 8.04 |
| 2021-03-21T00 | 5.76 | 6.55 | 7.1 | 7.92 | 10.81 | 7.83 |
| 2021-03-21T06 | 5.68 | 6.49 | 6.95 | 7.74 | 10.41 | 7.67 |
| 2021-03-21T12 | 5.61 | 6.46 | 6.96 | 7.72 | 10.18 | 7.54 |
| 2021-03-21T18 | 5.54 | 6.31 | 6.76 | 7.49 | 9.8 | 7.37 |
| 2021-03-22T00 | 5.47 | 6.17 | 6.6 | 7.27 | 9.45 | 7.22 |
| 2021-03-22T06 | 5.42 | 6.06 | 6.6 | 7.17 | 9.17 | 7.23 |
| 2021-03-22T12 | 5.37 | 5.97 | 6.52 | 7.12 | 9.01 | 7.58 |
| 2021-03-22T18 | 5.3 | 5.88 | 6.41 | 6.98 | 8.7 | 7.89 |
| 2021-03-23T00 | 5.23 | 5.81 | 6.3 | 6.8 | 8.44 | 7.49 |
| 2021-03-23T06 | 5.17 | 5.75 | 6.2 | 6.63 | 8.41 | 7.16 |
| 2021-03-23T12 | 5.11 | 5.78 | 6.15 | 6.73 | 8.43 | 7.04 |
| 2021-03-23T18 | 5.06 | 5.74 | 6.06 | 6.64 | 8.32 | 6.87 |
| 2021-03-24T00 | 5.0 | 5.73 | 6.03 | 6.68 | 7.91 | 6.72 |

- Horário de disparo da previsão: 2021-03-04T00:00 (UTC).
- Horários registrados pelo Tempo Coordenado Universal (UTC) / Hora Mundial.
- Dados indexados no limite superior de tempo. Ex: Registro de 06:00 contém previsões de vazão média para período 00:01 a 06:00.
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