

31 de julho de 2024



## Sala de Crise da Região Norte

MARCUS SUASSUNA SANTOS



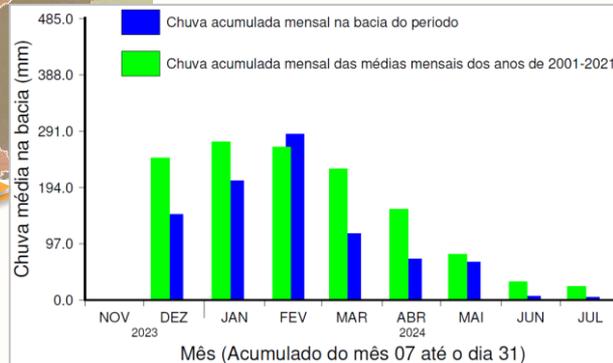
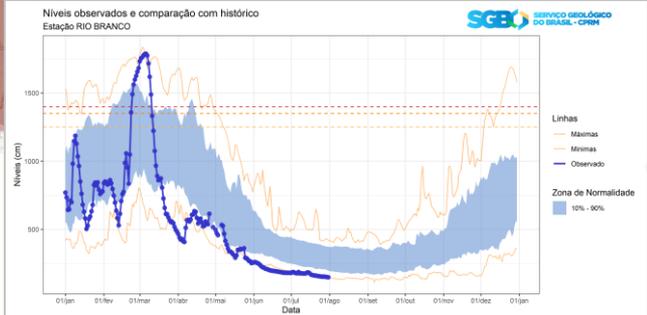
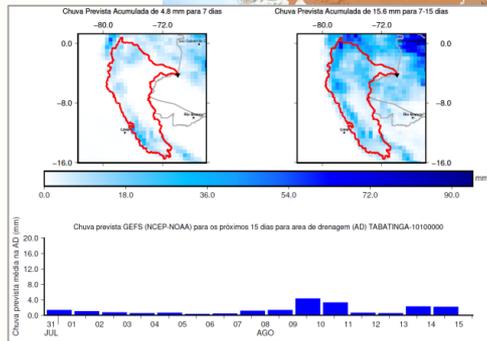
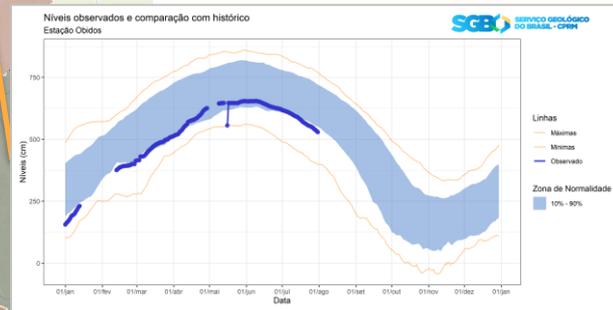
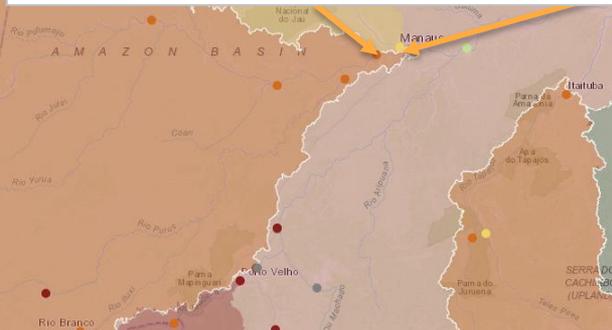
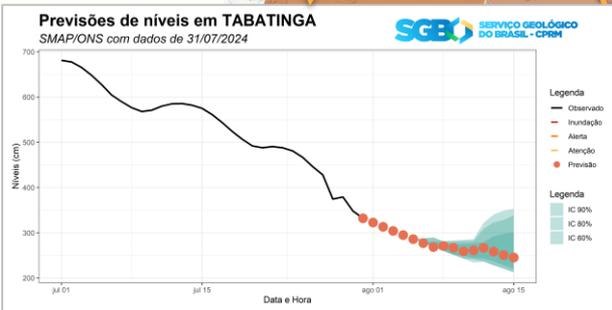
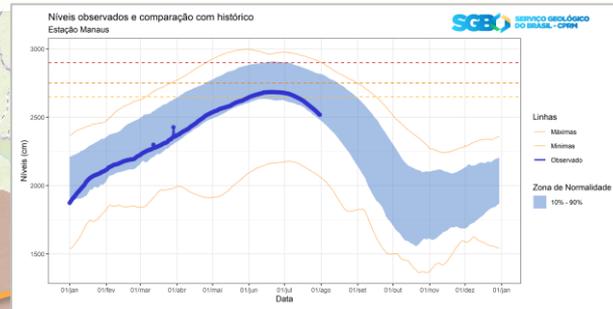
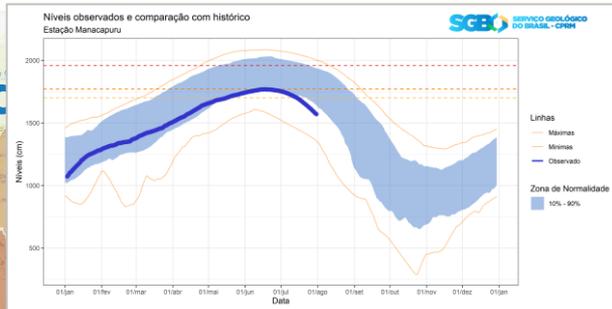
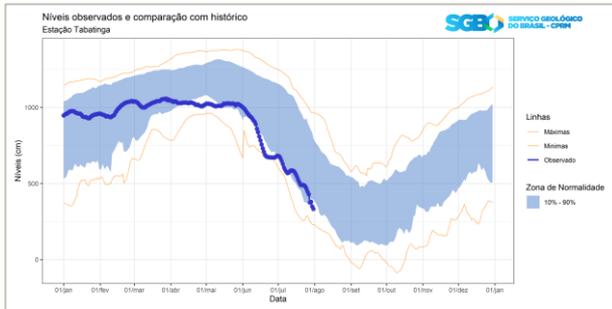
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MINAS E ENERGIA

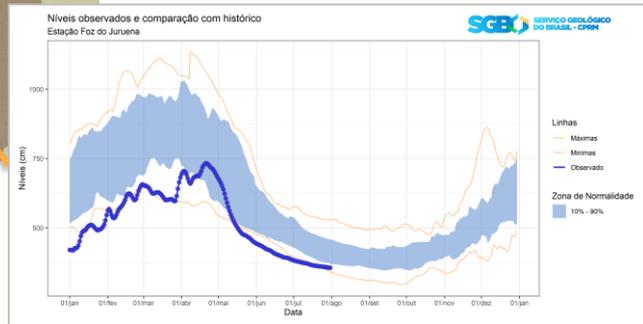
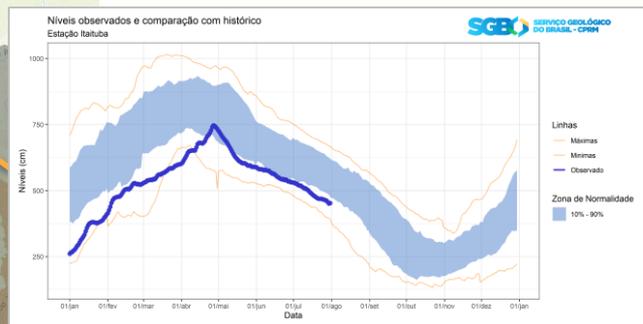
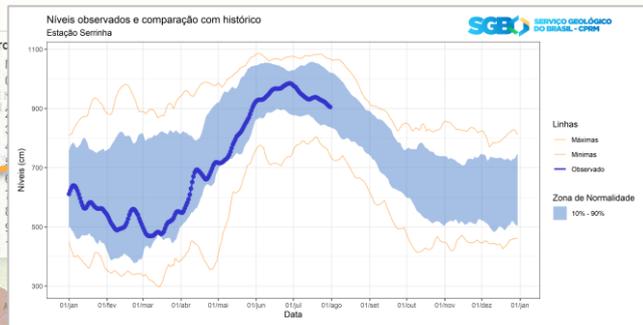
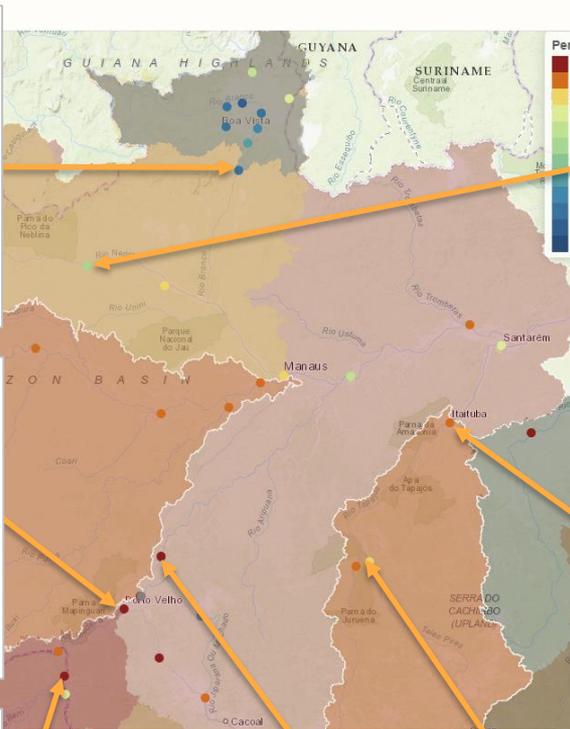
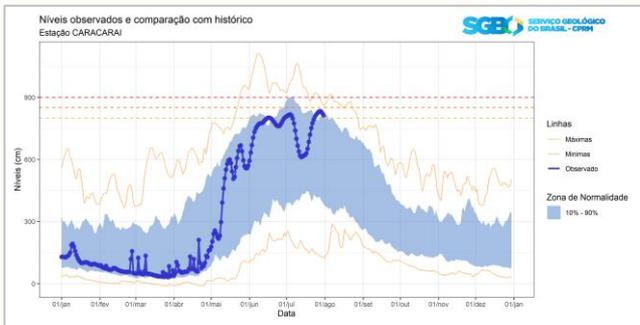


# CONDIÇÃO ATUAL





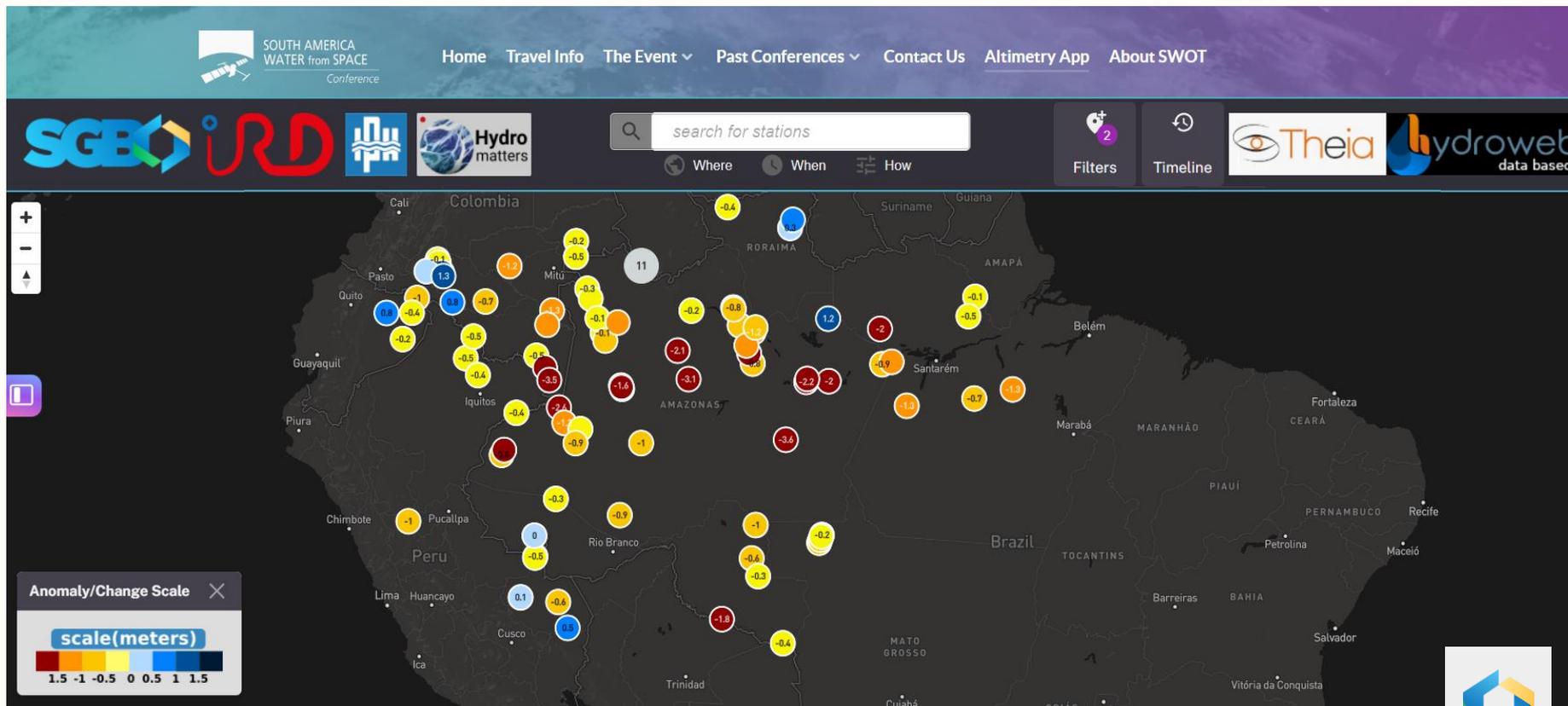




Nome da Estação	Curso d'água	Município	Horário do último dado (Horario local)	Nível Atual	Varição nos Últimos 7 dias	Cota de Inundação
				(cm)		(cm)
PORTO VELHO	MADEIRA	PORTO VELHO	31/07/2024 11:15	239	-51	1700
GUAJARÁ-MIRIM	MAMORÉ	GUAJARÁ-MIRIM	31/07/2024 11:30	611	1	1100
JIRAU JUSANTE BENI	MADEIRA	NOVA MAMORÉ	31/07/2024 11:45	996	-28	#
MORADA NOVA JUS.	ABUNÃ	PORTO VELHO	31/07/2024 11:30	869	-28	#
JI-PARANÁ	MACHADO	JI-PARANÁ	31/07/2024 12:00	631	-4	#

Nome da Estação	Curso d'água	Município	Horário do último dado (Horario local)	Vazão	Varição nos Últimos 7 dias
				(m³/s)	
PORTO VELHO	MADEIRA	PORTO VELHO	31/07/2024 10:15	4.122	-622
TABATINGA	SOLIMÕES	TABATINGA	31/07/2024 08:15	23.365	-5.359
SERRINHA	NEGRO	SANTA IZABEL DO RIO NEGRO	31/07/2024 11:00	25.627	-1.304
CARACARAÍ	BRANCO	CARACARAÍ	31/07/2024 10:15	9.870	18
RIO BRANCO	ACRE	RIO BRANCO	31/07/2024 10:45	32	-2
TOTAL				63.016	-7.269

# Condição atual da bacia – ALTIMETRIA SATELITAL

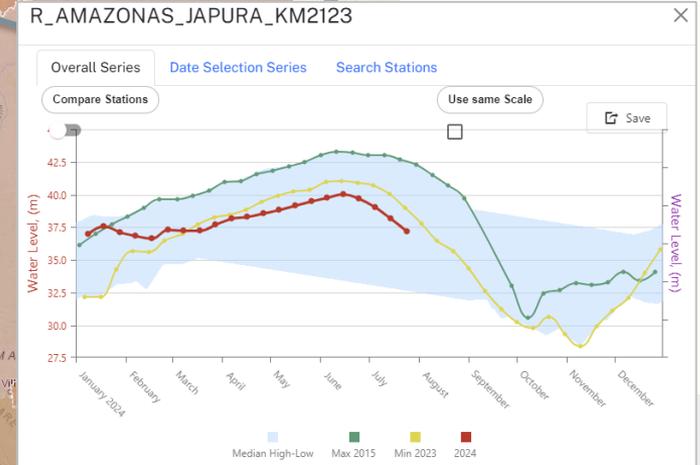
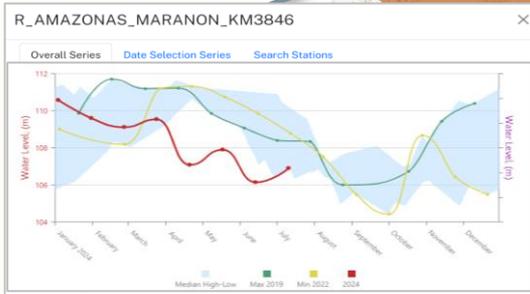
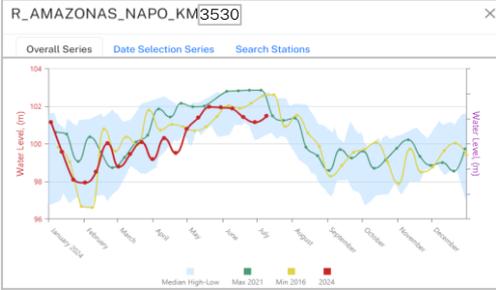
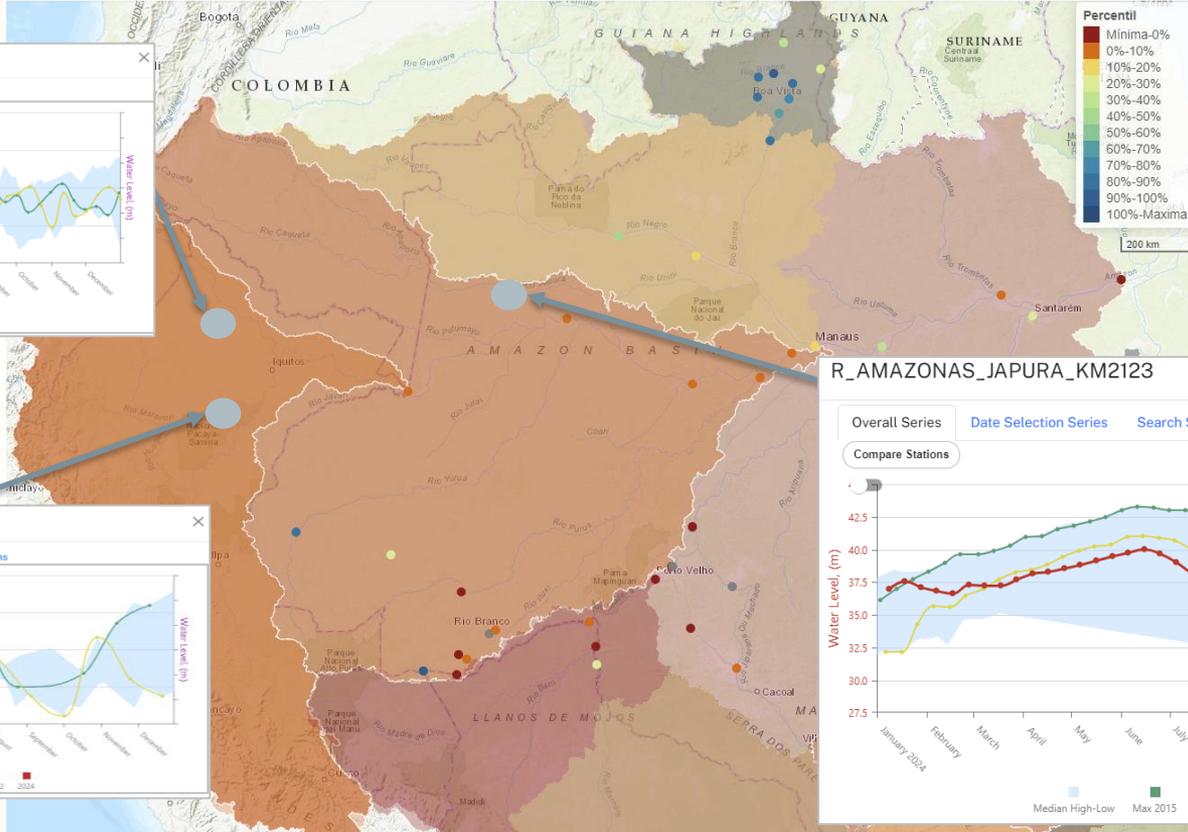


<https://hydrologyfromspace.org/hfs-app/>



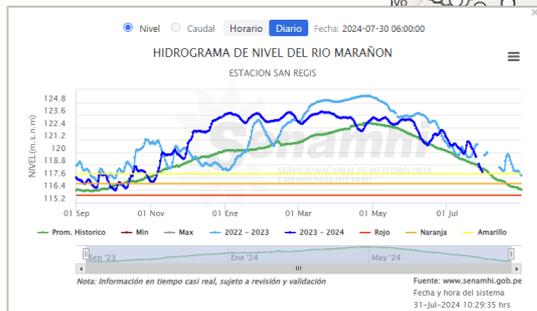
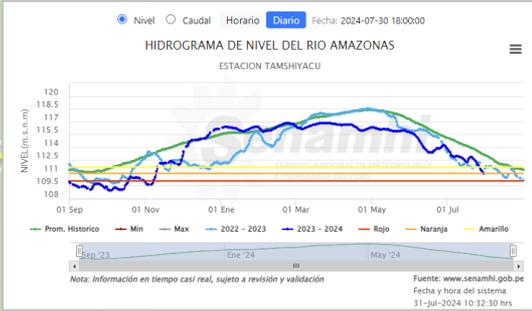
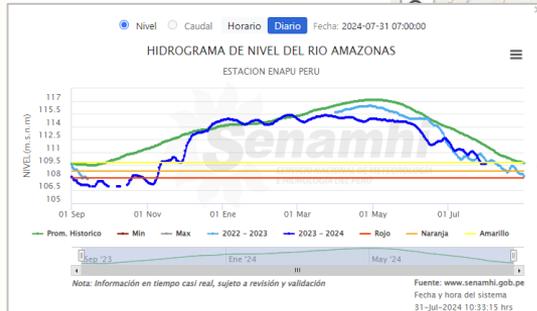
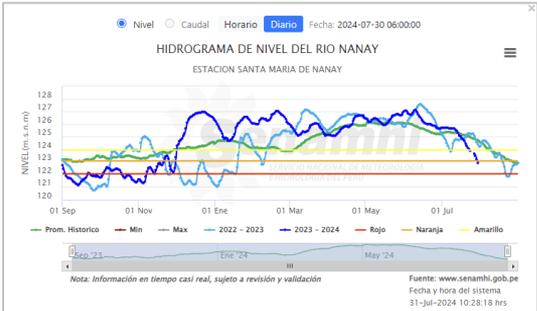
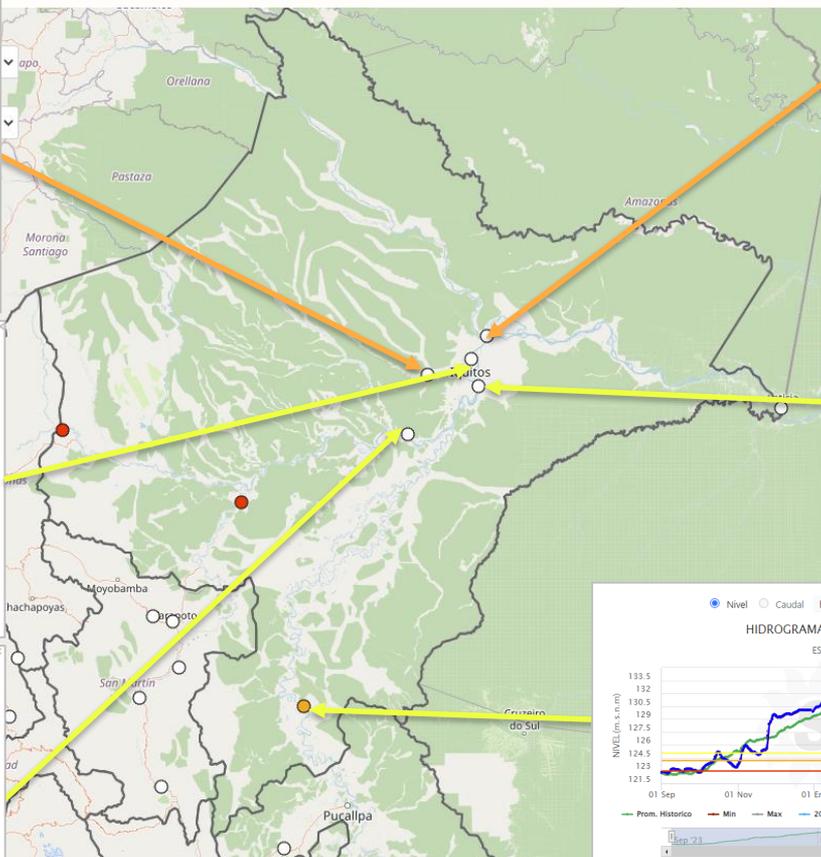


# Condição atual da bacia – ALTIMETRIA SATELITAL





# Condição atual da bacia – SENAMHI/PERU



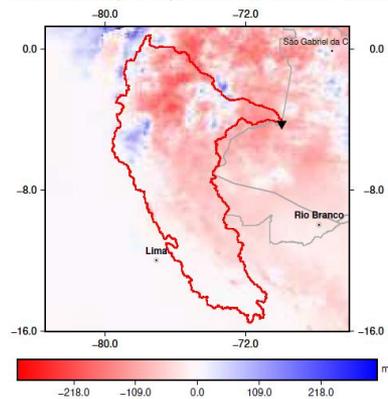
Fonte: <https://www.senamhi.gob.pe/?p=monitoreo-hidrologico>



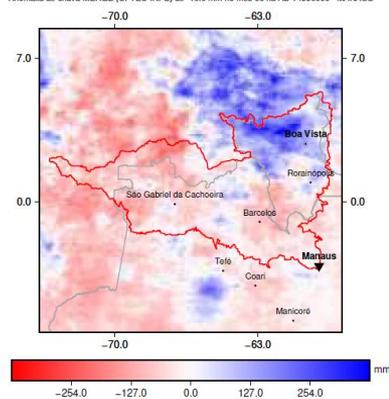


# ANOMALIAS DE CHUVAS NOS ÚLTIMOS MESES (MERGE/INPE)

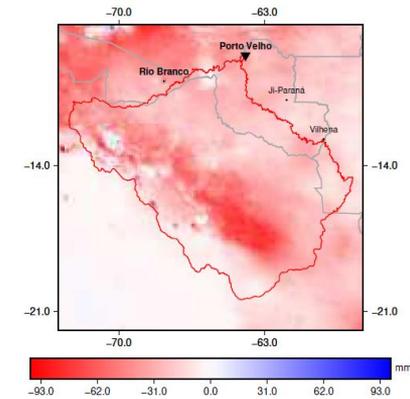
Anomalia de chuva MERGE (CPTEC-INPE) de -48.8 mm no mês 06 na AD 10100000 - TABATINGA



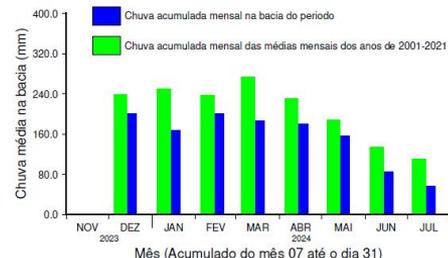
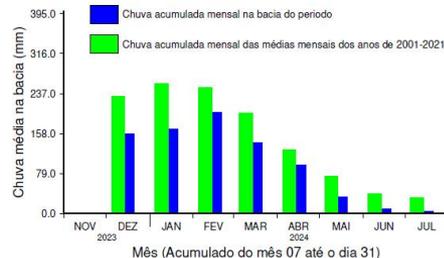
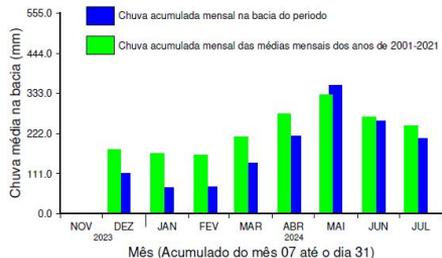
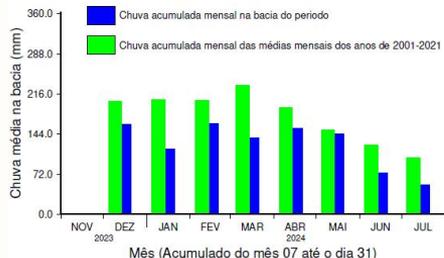
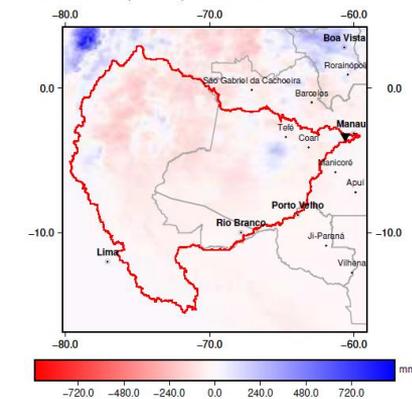
Anomalia de chuva MERGE (CPTEC-INPE) de -10.6 mm no mês 06 na AD 14990000 - MANAUS



Anomalia de chuva MERGE (CPTEC-INPE) de -29.9 mm no mês 06 na AD 15400000 - PORTO\_VELHO



Anomalia de chuva MERGE (CPTEC-INPE) de -49.9 mm no mês 06 na AD 14100000 - MANACAPURU

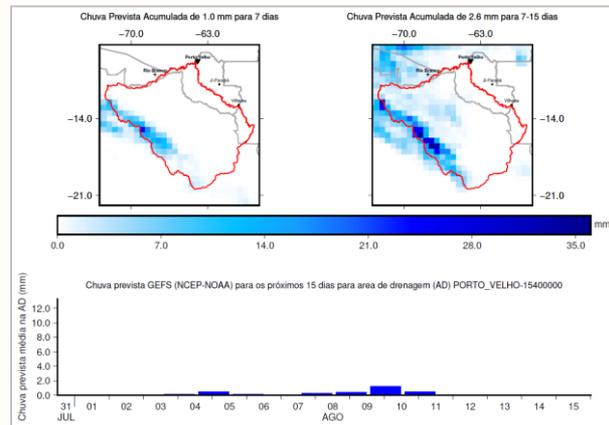
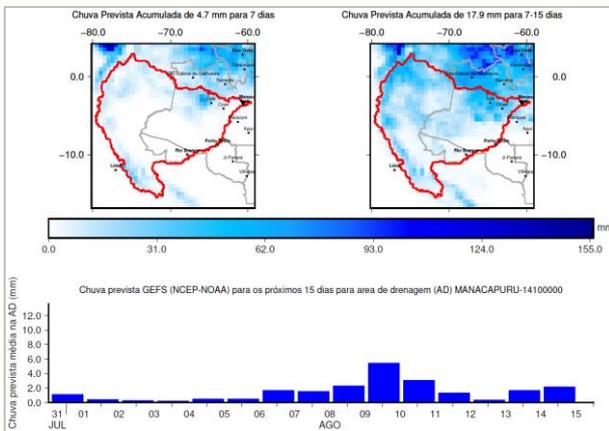
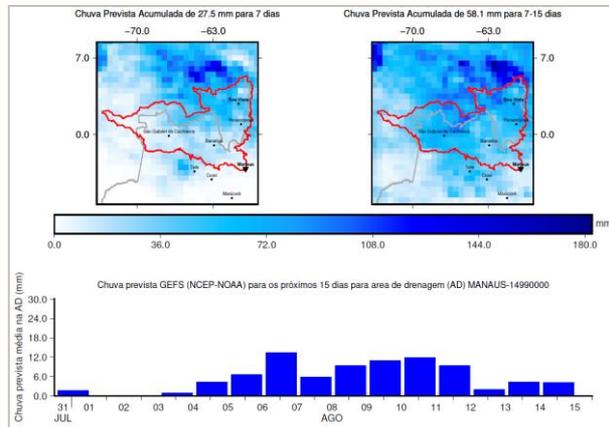
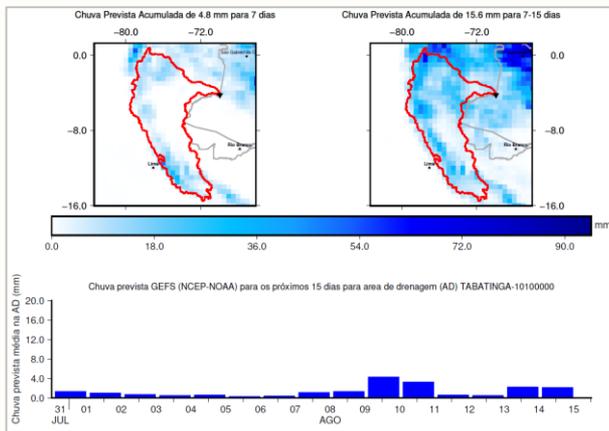


# PROGNÓSTICO



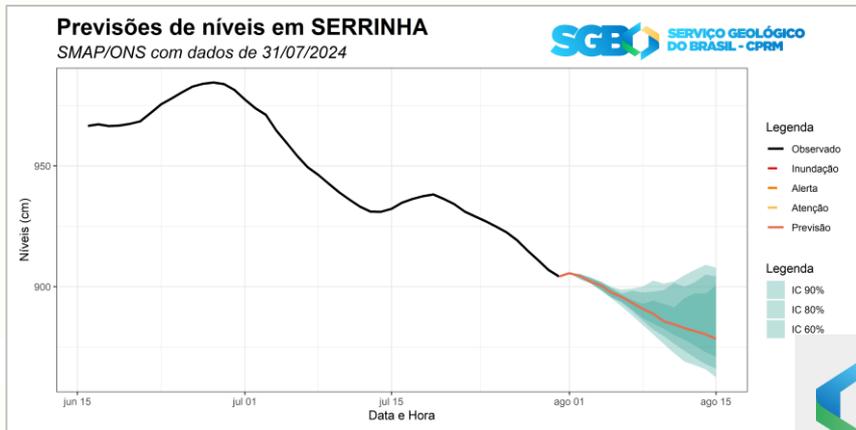
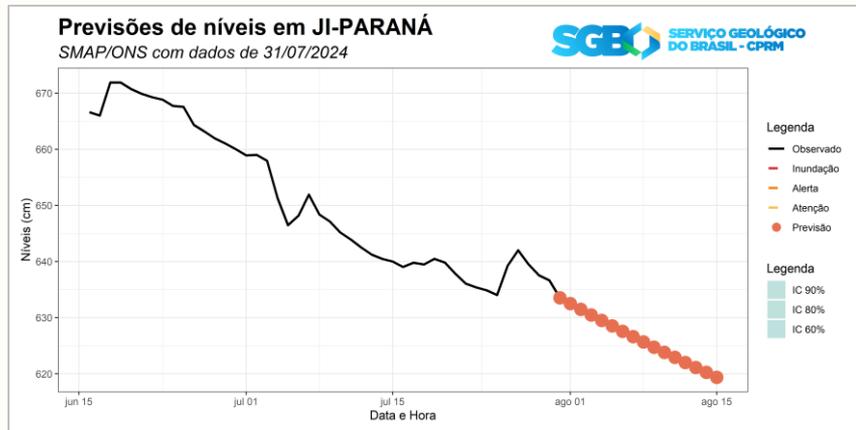
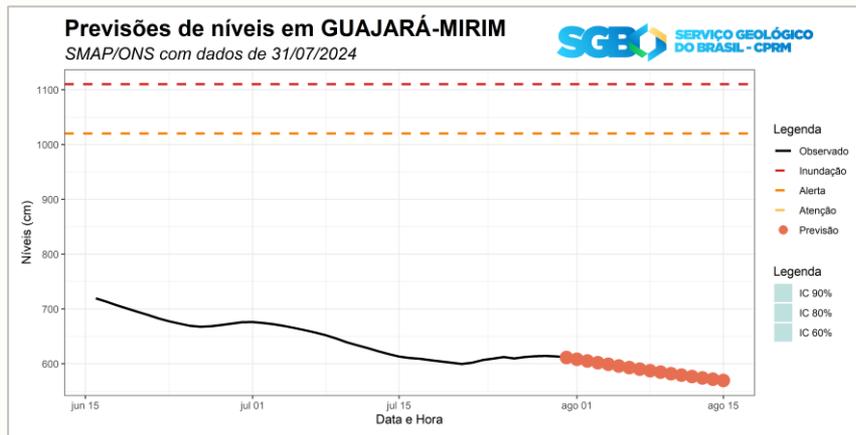
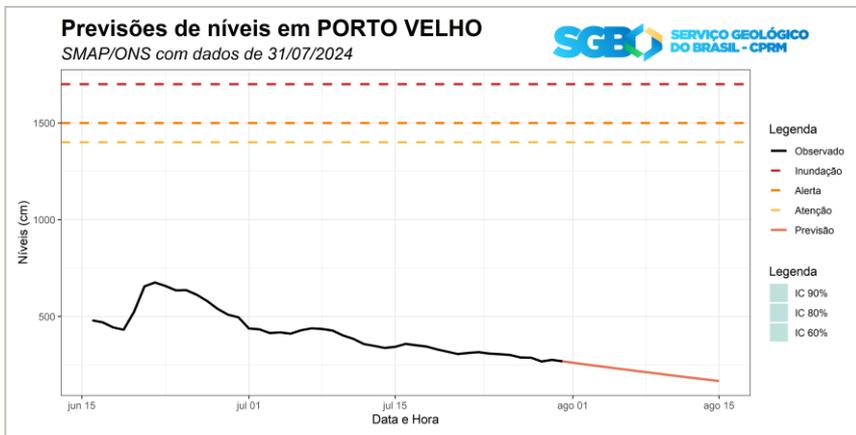


# PREVISÕES PRÓXIMAS SEMANAS





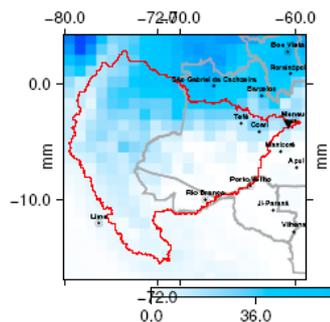
# PREVISÕES PRÓXIMAS SEMANAS



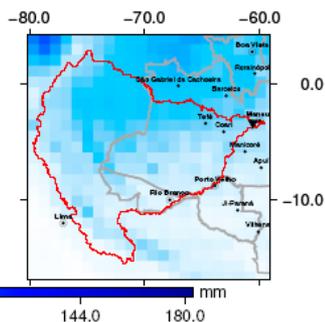


# PREVISÃO SUBSAZONAL INPE POR SUB-BACIAS - SOLIMÕES

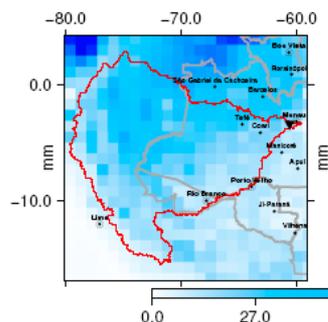
Chuva Prevista Acumulada de 15 mm de 24/07 para 31/07



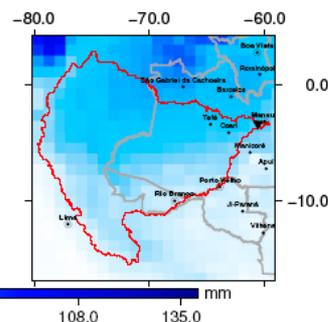
Chuva Prevista de 24 mm de 31/07 para 07/08



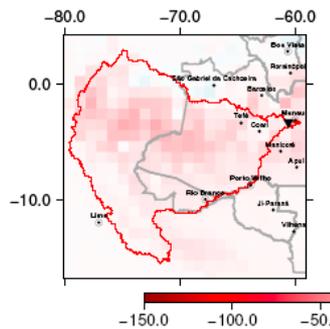
Chuva Prevista Acumulada de 26 mm de 07/08 para 14/08



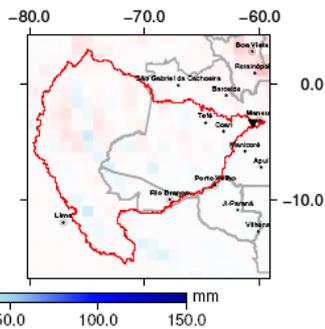
Chuva Prevista de 28 mm de 14/08 para 21/08



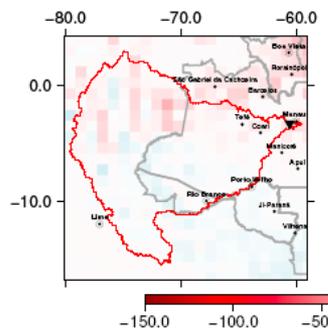
Anomalia de Chuva Prevista de -10 mm de 24/07 para 31/07



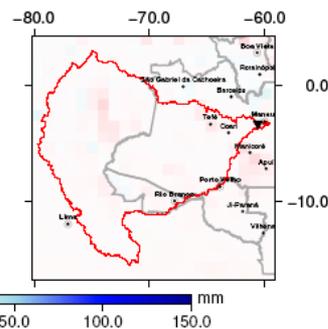
Anomalia de Chuva Prevista de 1 mm de 31/07 para 07/08



Anomalia de Chuva Prevista de -0 mm de 07/08 para 14/08



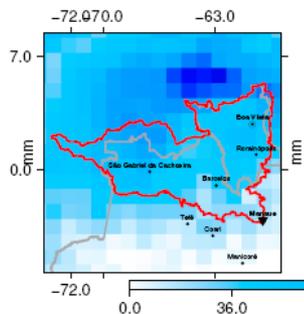
Anomalia de Chuva Prevista de -1 mm de 14/08 para 21/08



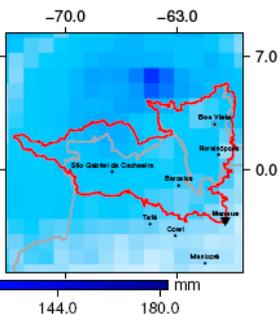


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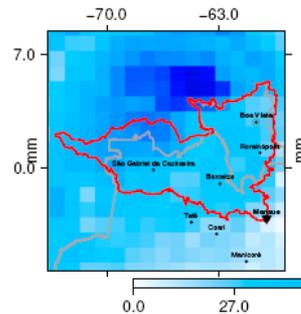
Chuva Prevista Acumulada de 53 mm de 24/07 para 31/07



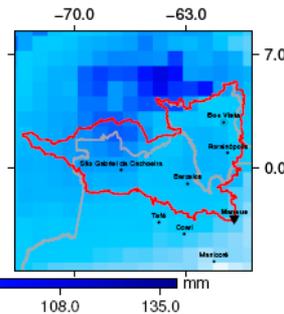
Chuva Prevista de 47 mm de 31/07 para 07/08



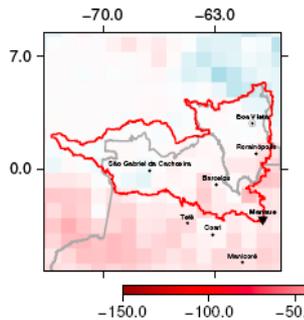
Chuva Prevista Acumulada de 43 mm de 07/08 para 14/08



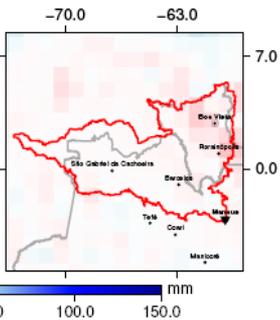
Chuva Prevista de 52 mm de 14/08 para 21/08



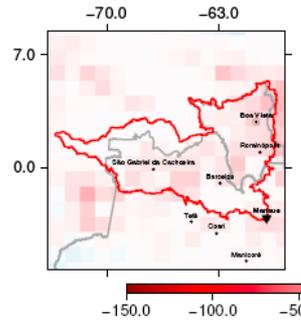
Anomalia de Chuva Prevista de -1 mm de 24/07 para 31/07



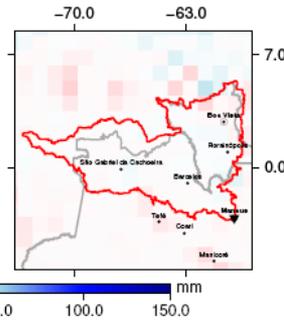
Anomalia de Chuva Prevista de -3 mm de 31/07 para 07/08



Anomalia de Chuva Prevista de -6 mm de 07/08 para 14/08



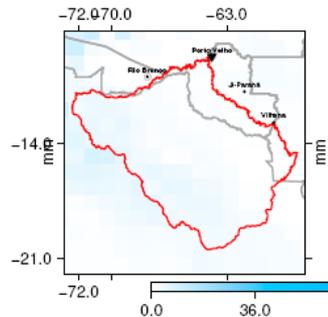
Anomalia de Chuva Prevista de 0 mm de 14/08 para 21/08



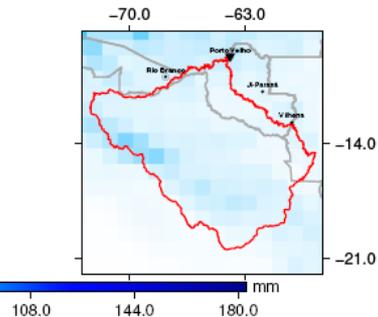


# PREVISÃO SUBSAZONAL INPE POR SUB-BACIAS - MADEIRA

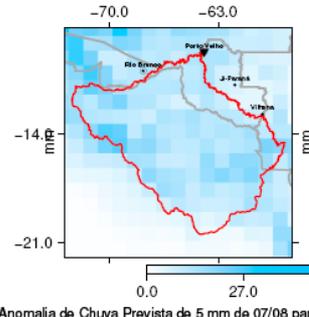
Chuva Prevista Acumulada de 2 mm de 24/07 para 31/07



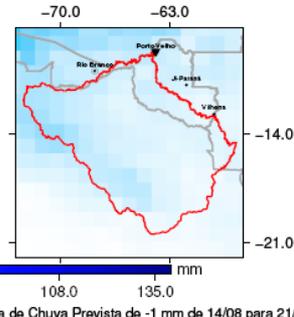
Chuva Prevista de 8 mm de 31/07 para 07/08



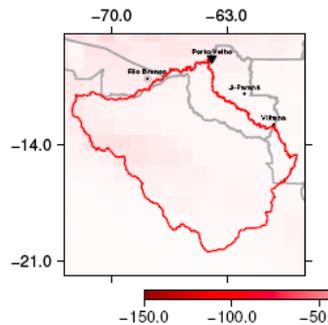
Chuva Prevista Acumulada de 13 mm de 07/08 para 14/08



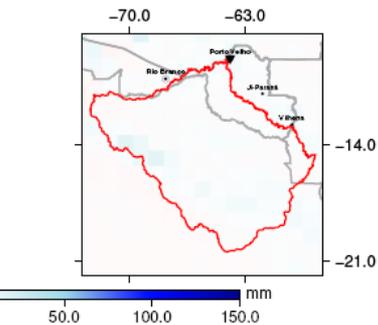
Chuva Prevista de 7 mm de 14/08 para 21/08



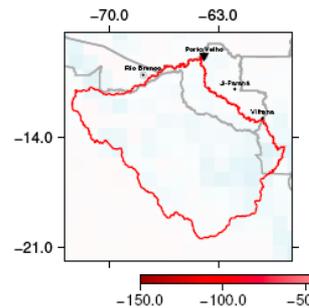
Anomalia de Chuva Prevista de -4 mm de 24/07 para 31/07



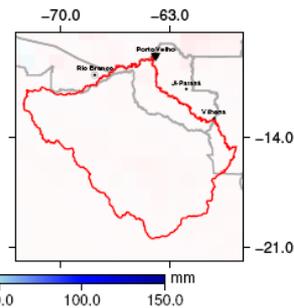
Anomalia de Chuva Prevista de 2 mm de 31/07 para 07/08



Anomalia de Chuva Prevista de 5 mm de 07/08 para 14/08



Anomalia de Chuva Prevista de -1 mm de 14/08 para 21/08

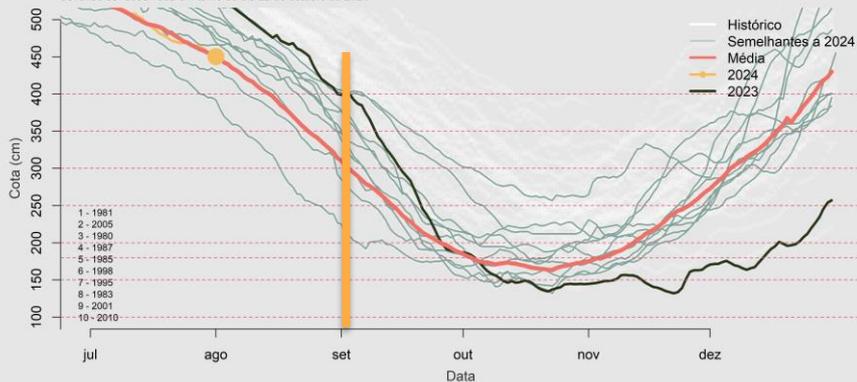




# PROGNÓSTICO COM COMPARAÇÕES COM O HISTÓRICO

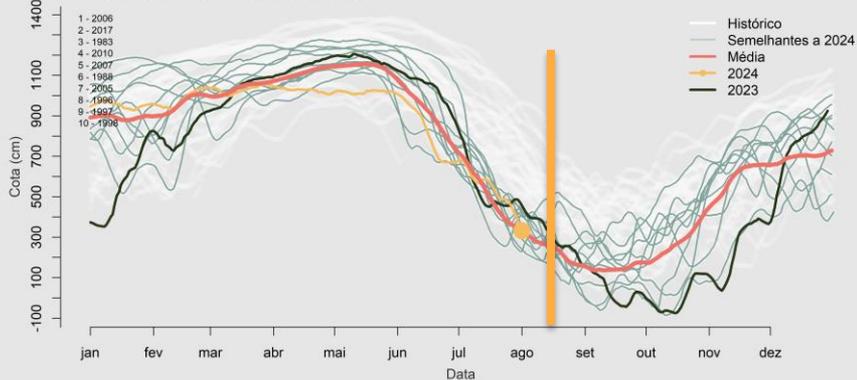
## Cotogramas mais próximos do observado em 2024 em ITAITUBA

O ano de 1981 é o que apresenta comportamento mais próximo ao observado neste ano.  
De acordo com este prognóstico, a mínima deste ano deve ocorrer em torno da cota de 163 cm, devendo ser observada em torno do dia 22 de outubro de 2024.



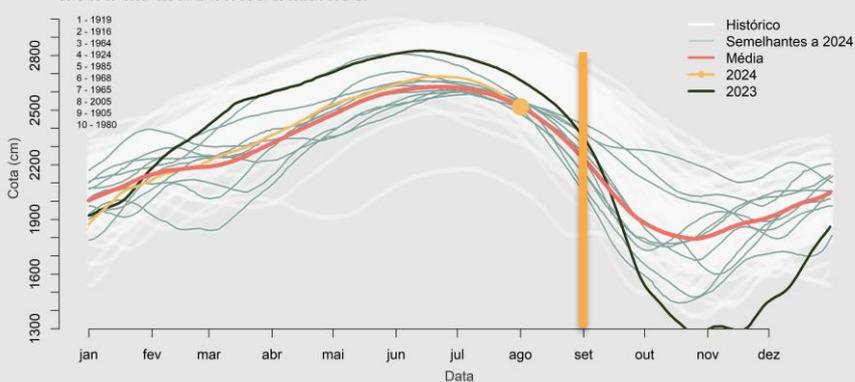
## Cotogramas mais próximos do observado em 2024 em TABATINGA

O ano de 2006 é o que apresenta comportamento mais próximo ao observado neste ano.  
De acordo com este prognóstico, a mínima deste ano deve ocorrer em torno da cota de 136 cm, devendo ser observada em torno do dia 05 de setembro de 2024.



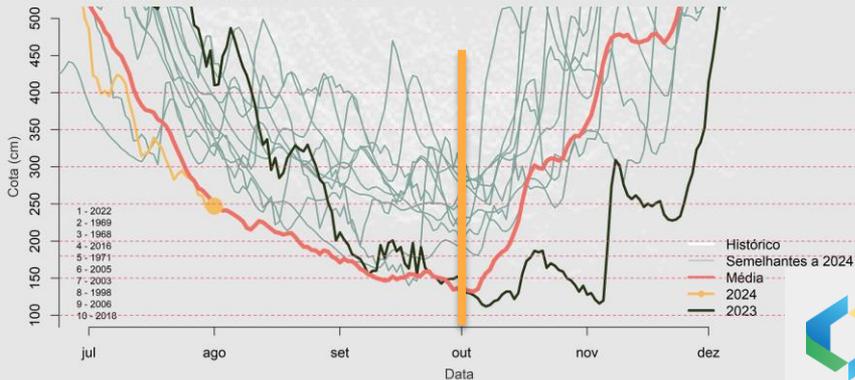
## Cotogramas mais próximos do observado em 2024 em MANAUS

O ano de 1919 é o que apresenta comportamento mais próximo ao observado neste ano.  
De acordo com este prognóstico, a mínima deste ano deve ocorrer em torno da cota de 1794 cm, devendo ser observada em torno do dia 24 de outubro de 2024.



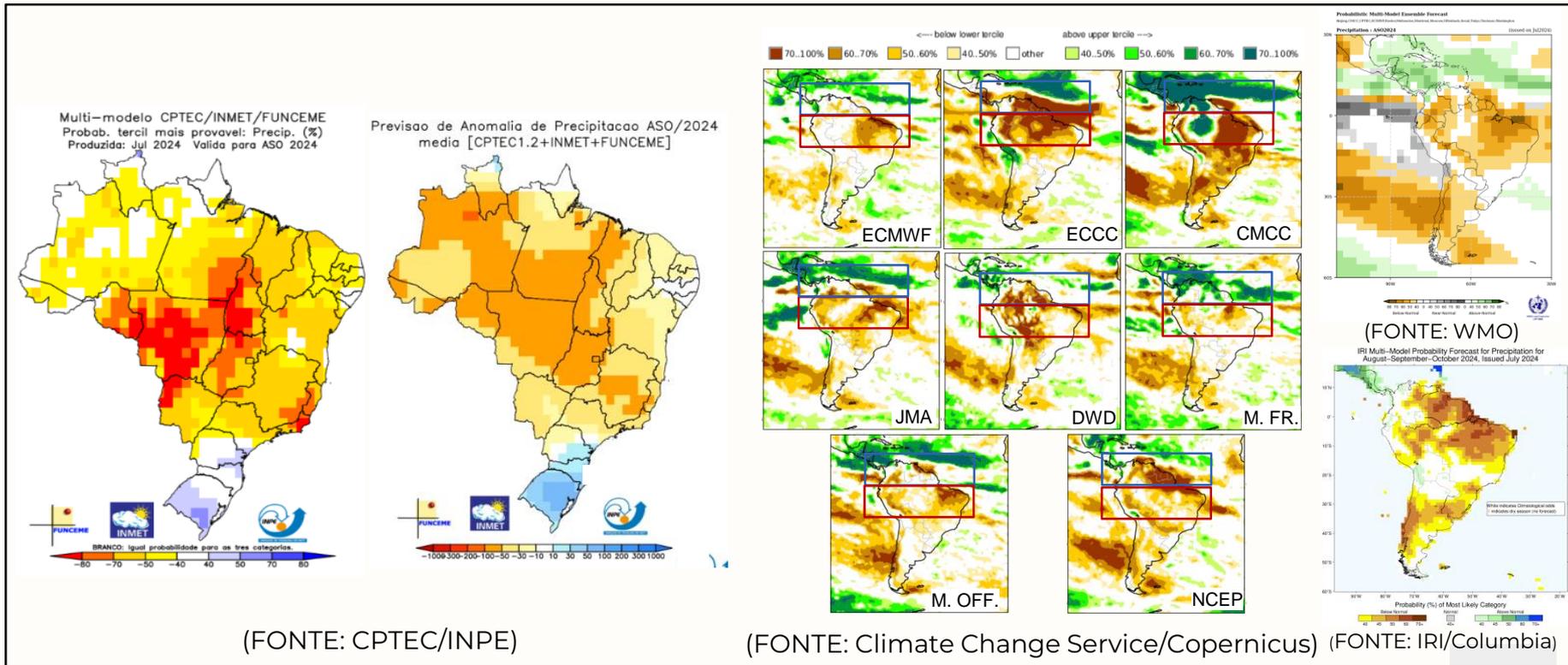
## Cotogramas mais próximos do observado em 2024 em PORTO VELHO

O ano de 2022 é o que apresenta comportamento mais próximo ao observado neste ano.  
De acordo com este prognóstico, a mínima deste ano deve ocorrer em torno da cota de 131 cm, devendo ser observada em torno do dia 30 de setembro de 2024.



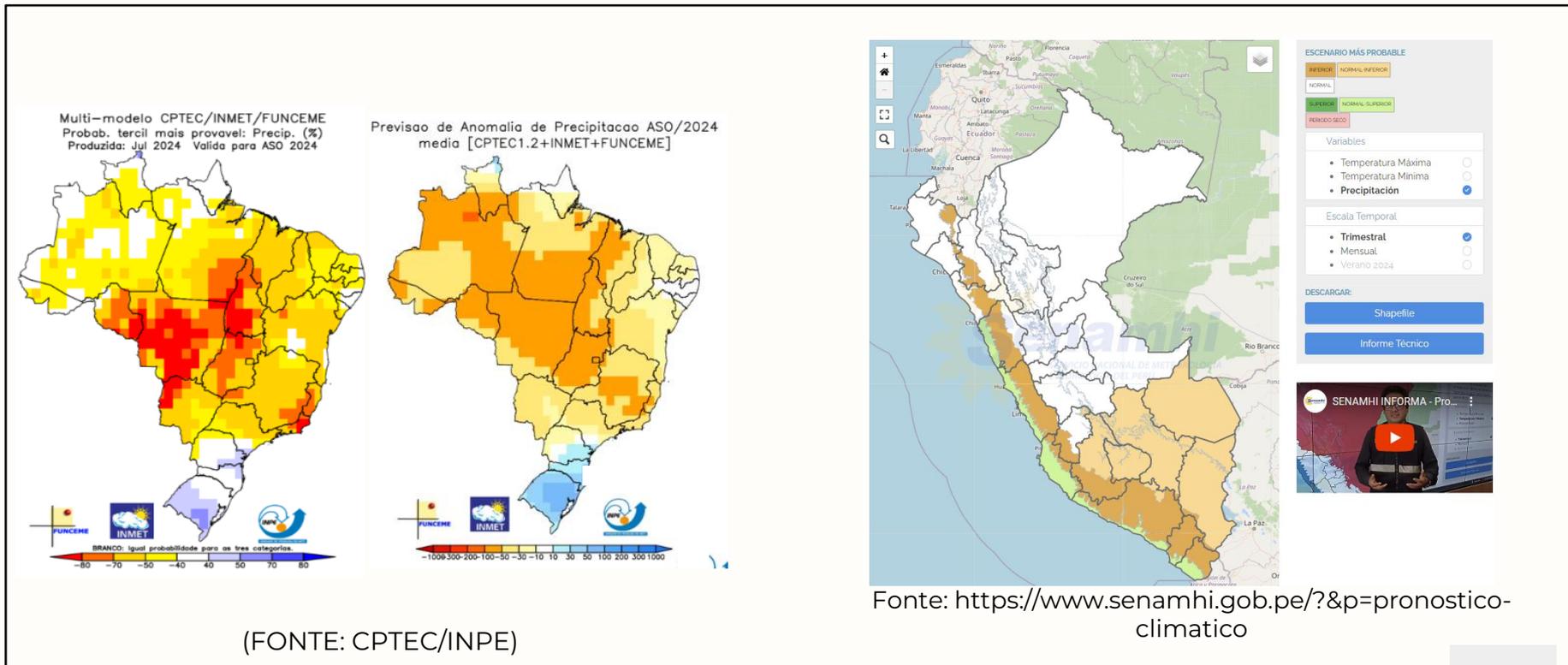


# PROGNÓSTICOS SAZONAIS DE CHUVAS





# PROGNÓSTICOS SAZONAIS DE CHUVAS

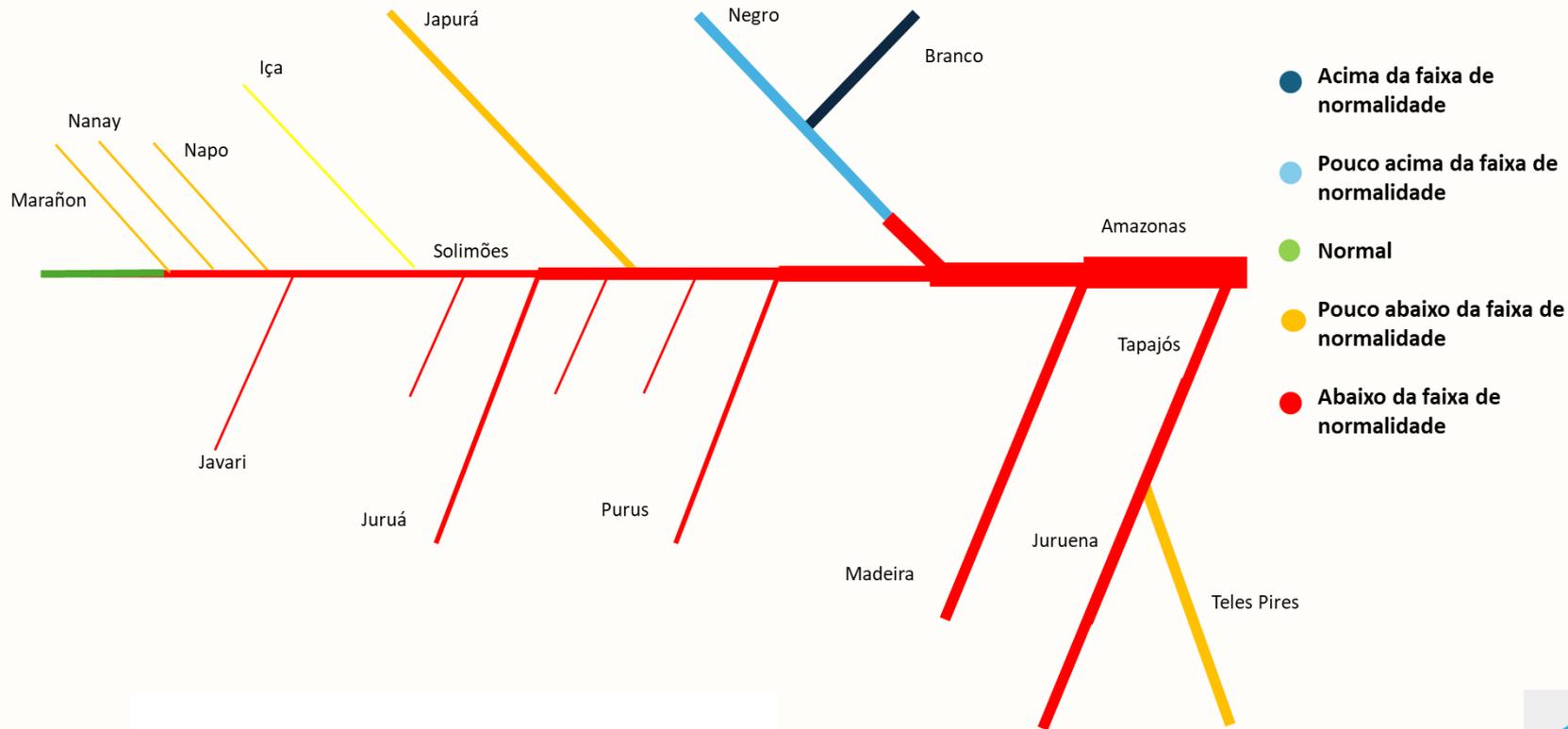


(FONTE: CPTEC/INPE)





# CONCLUSÕES



## **Margem direita: cenário estabelecido de seca severa**

**Margem esquerda e calha principal do Amazonas/Solimões:** Cenário desfavorável, à exceção do rio Negro que está com um cenário de níveis e vazões dentro da média -> ALERTA para as chuvas do trimestre ASO (que até então estão significativamente abaixo da média)





**OBRIGADO**



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