

Plano de Gerenciamento das Águas das Bacias Metropolitanas



**RELATÓRIO DE FASE II
PLANEJAMENTO
TOMO IV**



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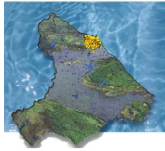
ESTE PROJETO FOI FINANCIADO PELO BANCO MUNDIAL/PROURB-RH

Gerente dos Programas Especiais do Banco Mundial

Francisco José Coelho Teixeira

Gerente Adjunto dos Programas Especiais do Banco Mundial

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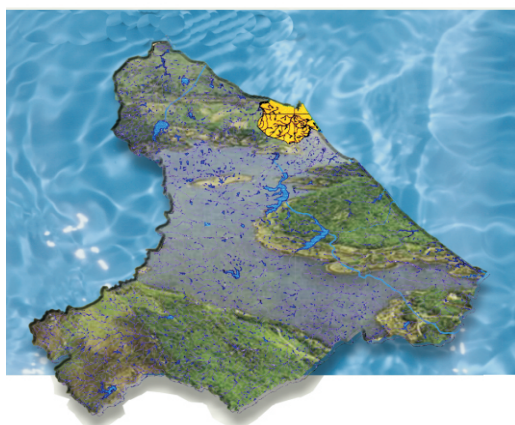
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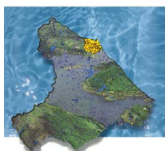
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PLANO DE GERENCIAMENTO DAS ÁGUAS DAS BACIAS METROPOLITANAS





APRESENTAÇÃO

O Governo do Estado do Ceará é cômico da importância da água na vida de todos os cearenses e das restrições e diferenças dos fatores climáticos, que se caracterizam por variações marcantes nas precipitações pluviométricas, no tempo e no espaço, das altas e contínuas taxas de evaporação, bem como dos fatores condicionantes ambientais, com a predominância de substrato cristalino em cerca de 80% do território e vegetação de caatinga rala e aberta. A partir da criação da *Secretaria dos Recursos Hídricos do Ceará* em 1987, o Governo do Estado vem desenvolvendo uma política abrangente, com ações voltadas no sentido de equacionar a problemática dos recursos hídricos no espaço cearense, de forma a prover a infra-estrutura com águas necessárias ao desenvolvimento econômico, assim como promover uma gestão racional em congruência com a política de meio ambiente, visando a melhoria da qualidade de vida.

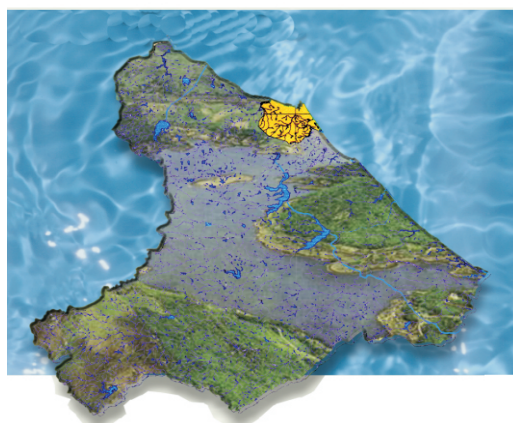
Os esforços de planificação se iniciaram com o Plano Estadual de Recursos Hídricos (1991) e com os programas de investimentos viabilizados com recursos internacionais; neste contexto, de aprofundar o conhecimento da ocorrência das águas nas bacias hidrográficas e sua apropriação social, é que se coloca o Plano de Gerenciamento das águas das Bacias Metropolitanas.

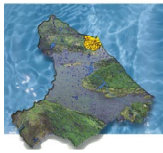
O Plano de Gerenciamento das Águas das Bacias Metropolitanas atualiza a base de informações da oferta de águas superficiais e subterrâneas, assim como das demandas, incorporando ao planejamento de recursos hídricos do estado aquele das demais políticas públicas no espaço geográfico das Bacias em foco, e desenvolve balanços hídricos concentrado e distribuído em toda sua área de abrangência; realiza, de forma pioneira, estudos que integram os recursos hídricos aos demais compartimentos do meio ambiente. Construindo os cenários atuais e prospectivos, elabora cuidadosamente a programação de intervenção nas áreas de infra-estrutura hídrica, conservação de água, e, sobretudo, instrumentos de gestão de recursos hídricos e hidroambiental.

A COGERH – Companhia de Gestão dos Recursos Hídricos, na qualidade de agência gestora das águas do Estado do Ceará, tem o prazer e o privilégio de disponibilizar o Plano de Gerenciamento das Bacias Metropolitanas, que tem como característica singular a busca do atendimento das demandas até o ano 2030, a partir das ofertas atuais e seu incremento por ampliação, integração da oferta hídrica e importação de águas de outras bacias, bem como da legitimação dos usos da água, objeto de intensas discussões com os usuários da água na Região Metropolitana, contribuindo assim para o desenvolvimento sustentável e com água garantida.

Francisco Lopes Viana
Presidente da COGERH

PLANO DE GERENCIAMENTO DAS ÁGUAS DAS BACIAS METROPOLITANAS





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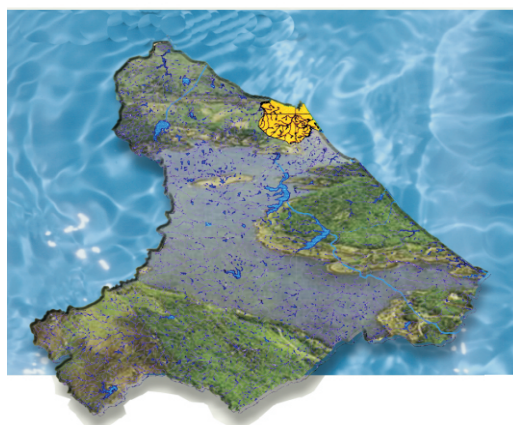
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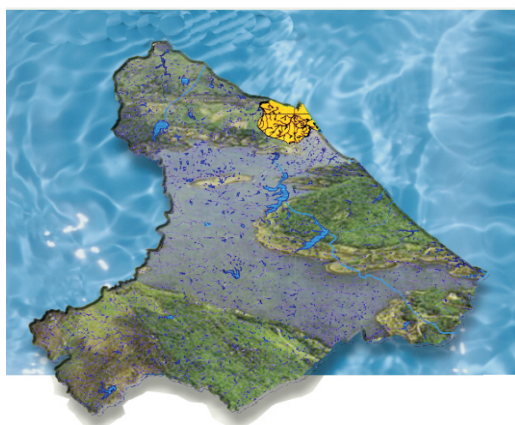
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PLANO DE GERENCIAMENTO DAS ÁGUAS DAS BACIAS METROPOLITANAS



ANEXO II
RESULTADOS DO BALANÇO HÍDRICO PARA O
ANO 2020 COM A INFRA-ESTRUTURA ATUAL

PLANO DE GERENCIAMENTO DAS ÁGUAS DAS BACIAS METROPOLITANAS

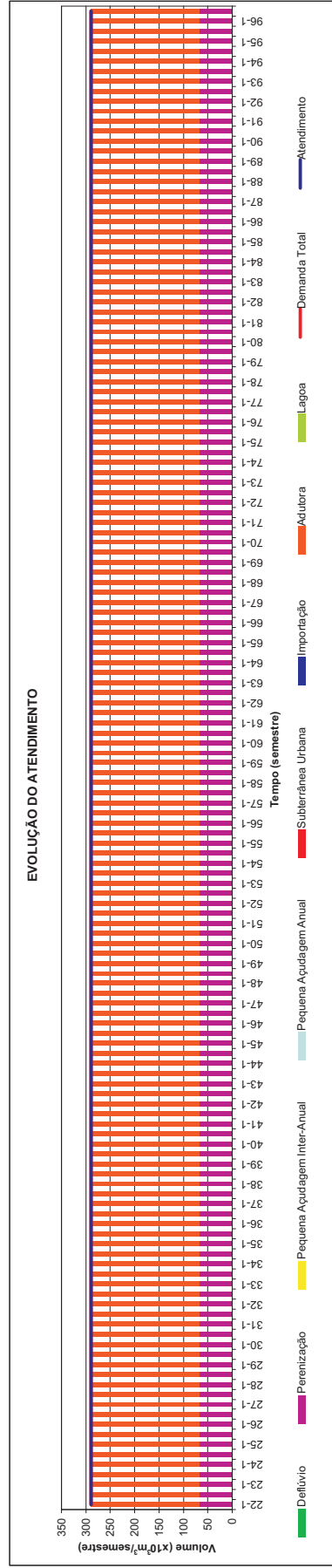
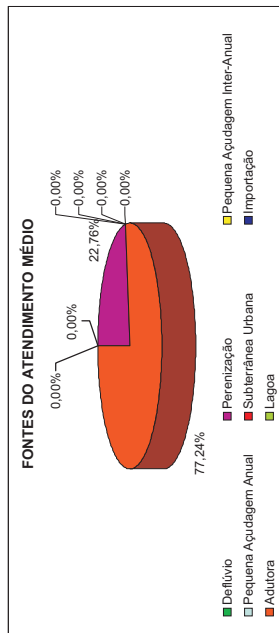
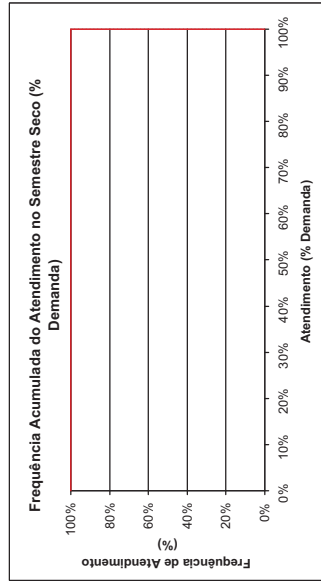
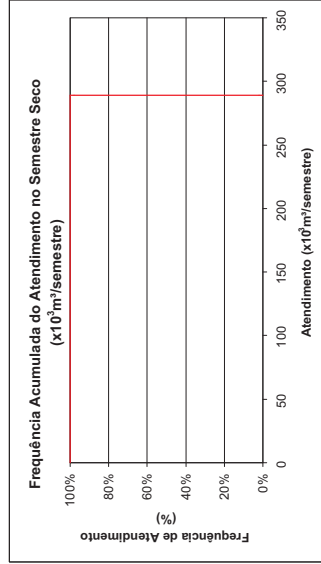
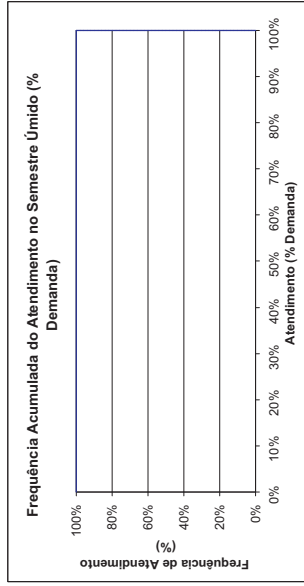
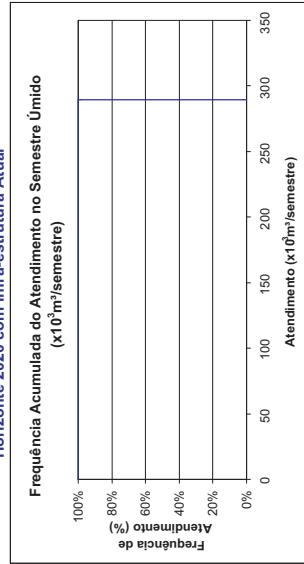


ANEXO II.1 DEMANDA HUMANA CONCENTRADA



Acarape
Demanda Humana Concentrada
MPA.ACR.03
 Horizonte 2020 com Infra-estrutura Atual

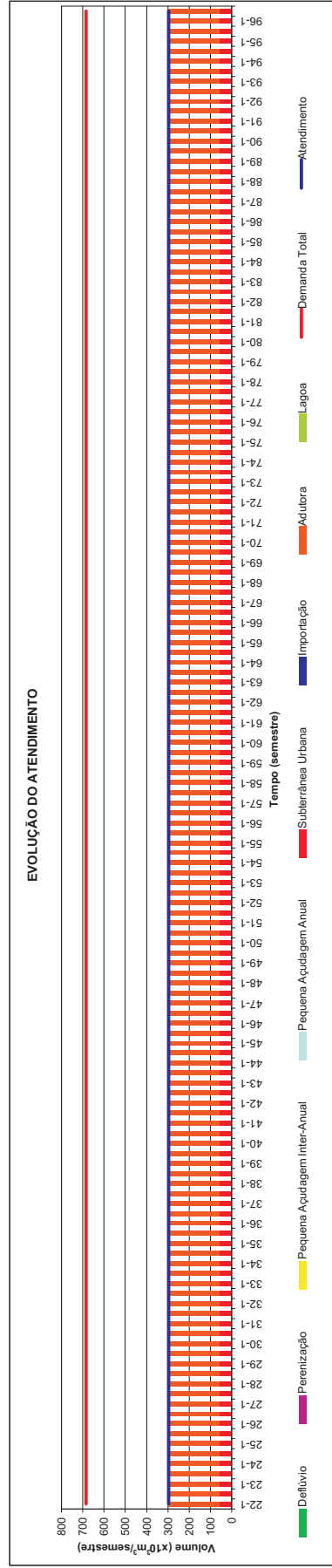
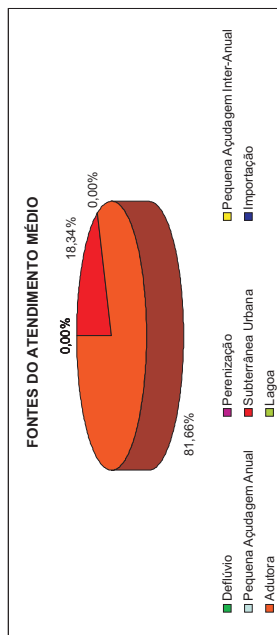
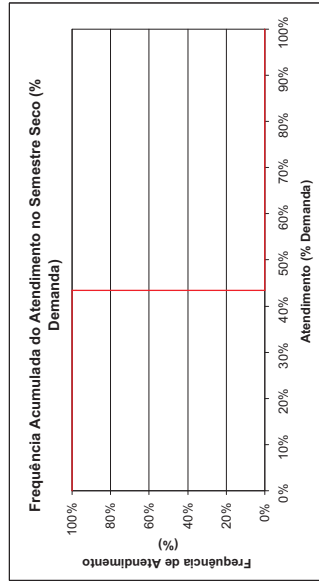
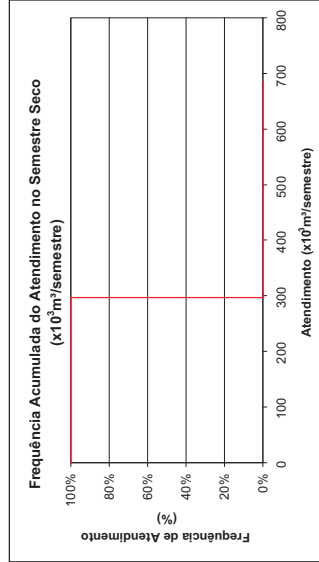
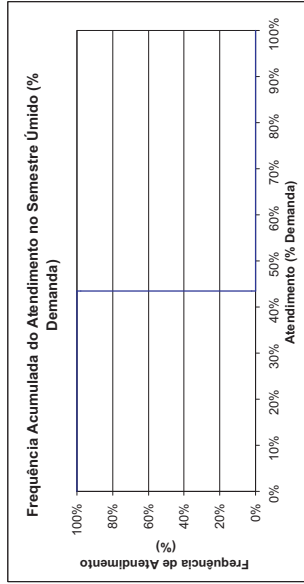
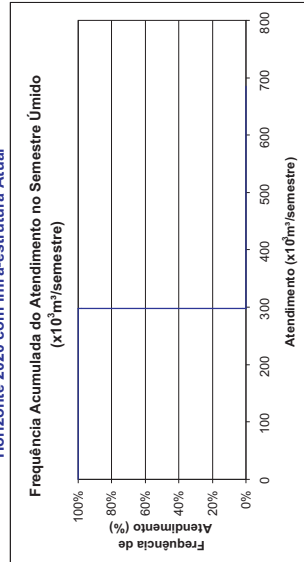
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	289,266	100%	289,266	100%
10%	289,266	100%	289,266	100%
20%	289,266	100%	289,266	100%
30%	289,266	100%	289,266	100%
40%	289,266	100%	289,266	100%
50%	289,266	100%	289,266	100%
60%	289,266	100%	289,266	100%
70%	289,266	100%	289,266	100%
80%	289,266	100%	289,266	100%
90%	289,266	100%	289,266	100%
100%	289,266	100%	289,266	100%
Atend. Médio	289,266	100%	289,266	100%
Atend. Mínimo	289,266	100%	289,266	100%
Freq. De Falha	0,00%		0,00%	
Demanda	289,266 x10³m³/semestre		18,69 l/s	





Aquiraz
Demanda Humana Concentrada
MPA.AQU.02
 Horizonte 2020 com Infra-estrutura Atual

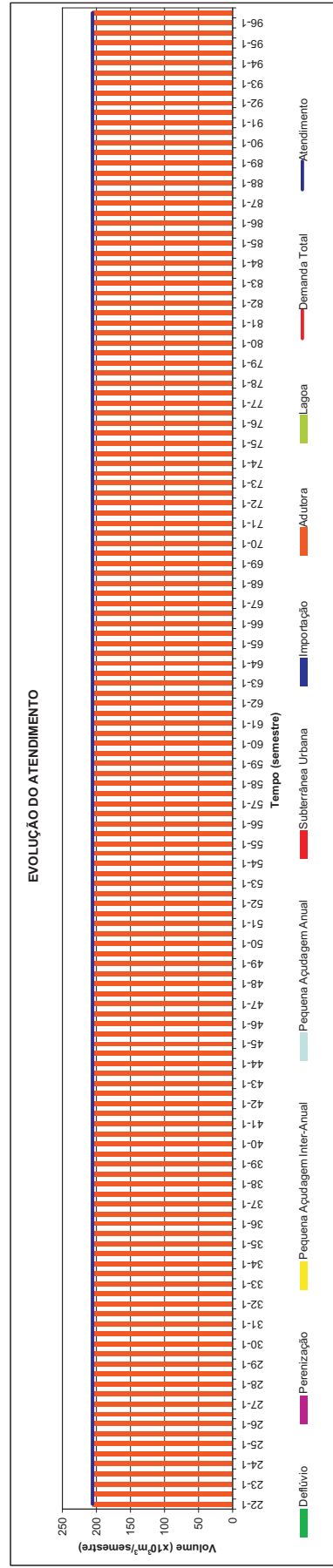
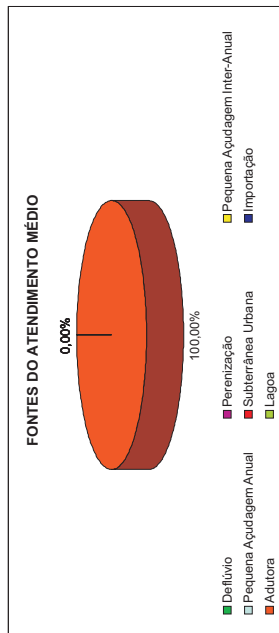
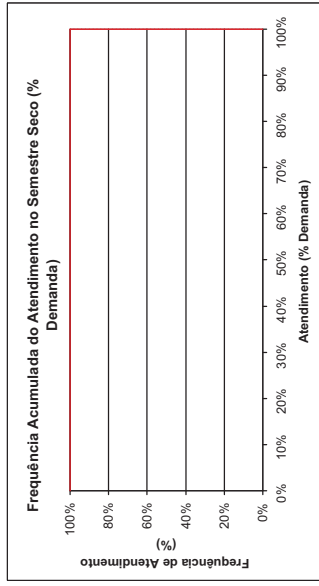
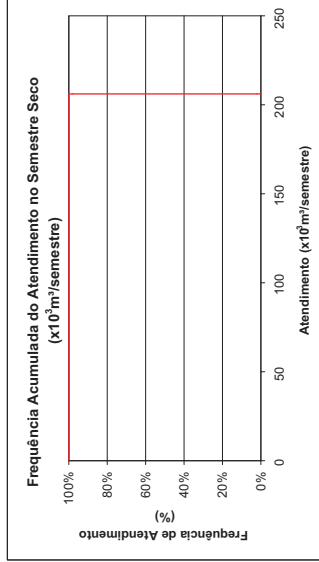
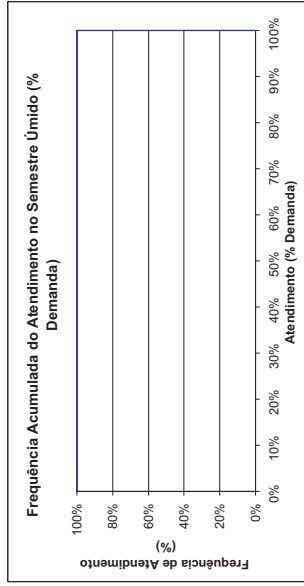
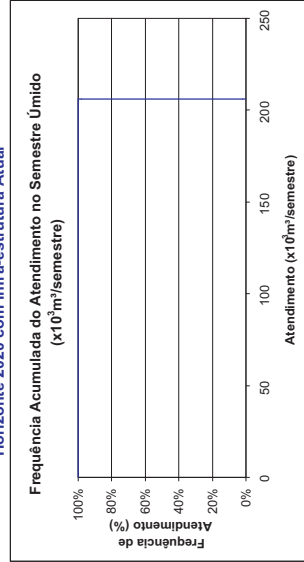
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10%	297,418	43%	297,418	43%
20%	297,418	43%	297,418	43%
30%	297,418	43%	297,418	43%
40%	297,418	43%	297,418	43%
50%	297,418	43%	297,418	43%
60%	297,418	43%	297,418	43%
70%	297,418	43%	297,418	43%
80%	297,418	43%	297,418	43%
90%	297,418	43%	297,418	43%
100%	297,418	43%	297,418	43%
Atend. Médio	297,418	43%	297,418	43%
Atend. Mínimo	297,418	43%	297,418	43%
Freq. De Falha	100,00%		100,00%	
Demanda	684,996	x10⁶m³/semestre	44,05	l/s





Aracoíaba
Demanda Humana Concentrada
MCH.ARC.02
 Horizonte 2020 com Infra-estrutura Atual

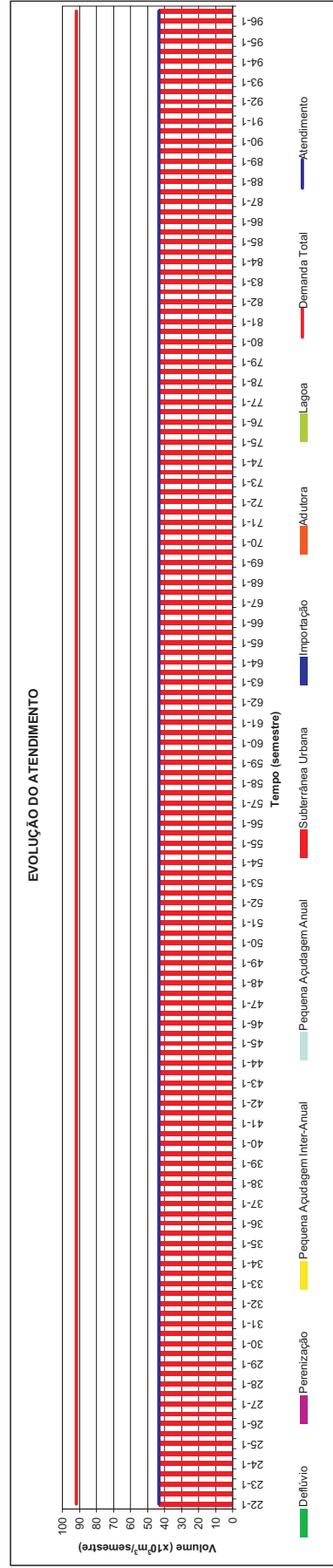
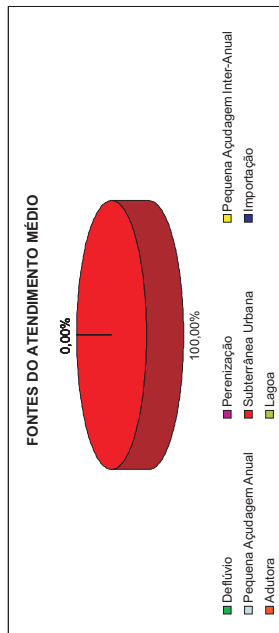
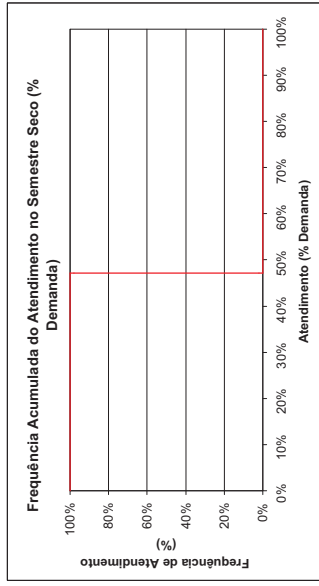
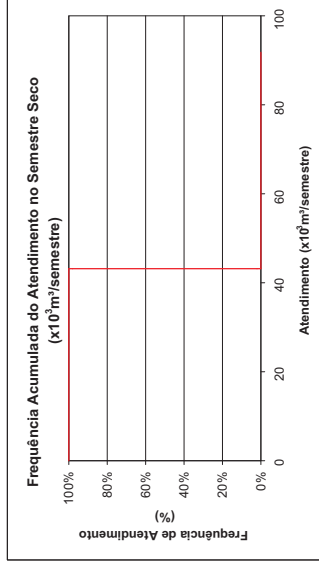
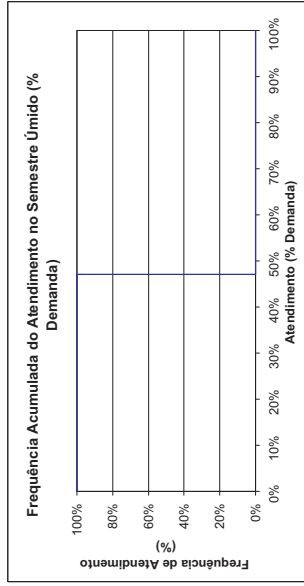
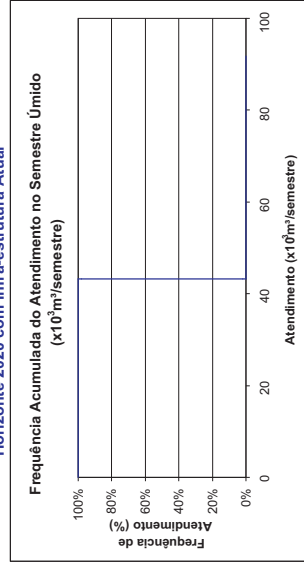
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	206,088	100%	206,088	100%
10%	206,088	100%	206,088	100%
20%	206,088	100%	206,088	100%
30%	206,088	100%	206,088	100%
40%	206,088	100%	206,088	100%
50%	206,088	100%	206,088	100%
60%	206,088	100%	206,088	100%
70%	206,088	100%	206,088	100%
80%	206,088	100%	206,088	100%
90%	206,088	100%	206,088	100%
100%	206,088	100%	206,088	100%
Atend. Médio	206,088	100%	206,088	100%
Atend. Mínimo	206,088	100%	206,088	100%
Freq. De Falha	0,00%		0,00%	
Demanda	206,088	x10³m³/semestre	13,25	l/s





Aratuba
Demanda Humana Concentrada
MCH.ART.05
 Horizonte 2020 com Infra-estrutura Atual

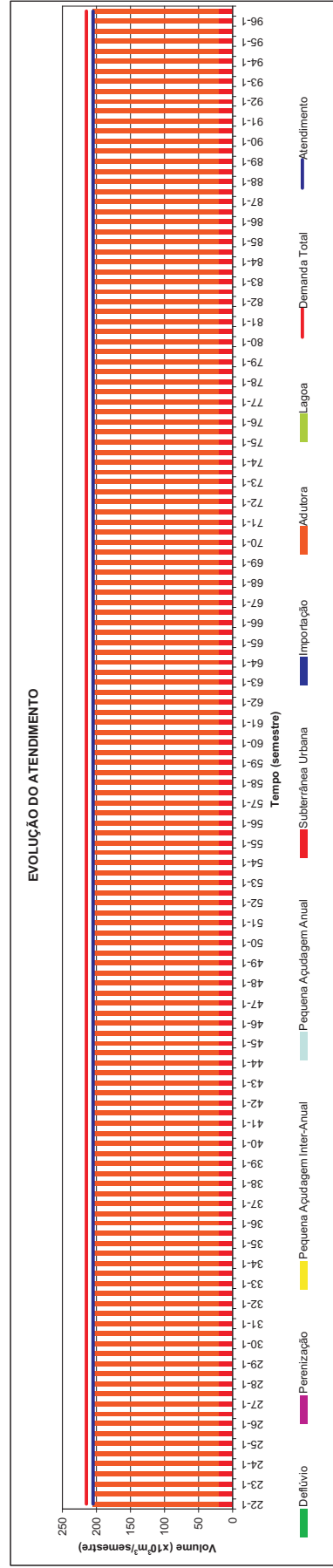
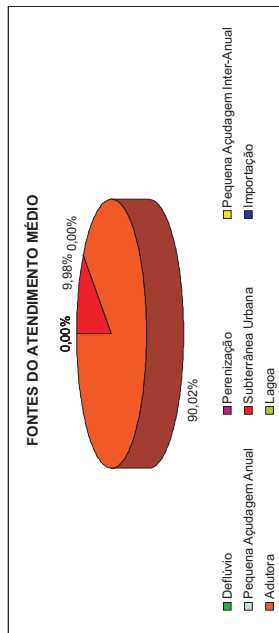
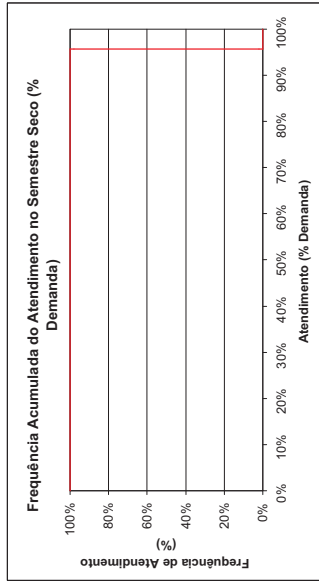
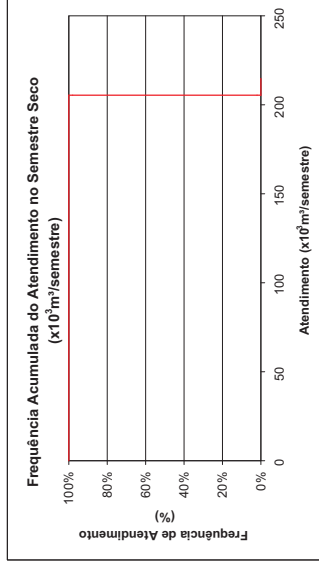
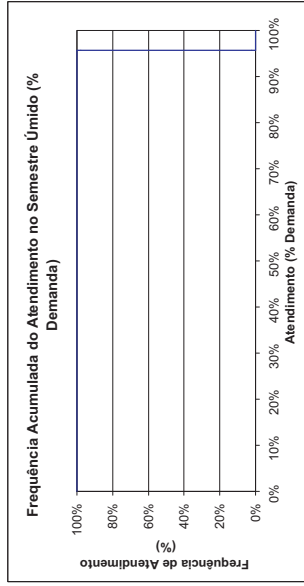
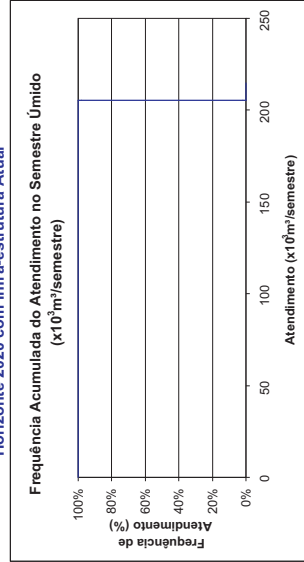
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	43.235	47%	43.235	47%
10%	43.235	47%	43.235	47%
20%	43.235	47%	43.235	47%
30%	43.235	47%	43.235	47%
40%	43.235	47%	43.235	47%
50%	43.235	47%	43.235	47%
60%	43.235	47%	43.235	47%
70%	43.235	47%	43.235	47%
80%	43.235	47%	43.235	47%
90%	43.235	47%	43.235	47%
100%	43.235	47%	43.235	47%
Atend. Médio	43.235	47%	43.235	47%
Atend. Mínimo	43.235	47%	43.235	47%
Freq. De Falha	100,00%		100,00%	
Demanda	91.758 x10³m³/semestre		5.99 l/s	





Barreira
Demanda Humana Concentrada
MCH.BAE.06
 Horizonte 2020 com Infra-estrutura Atual

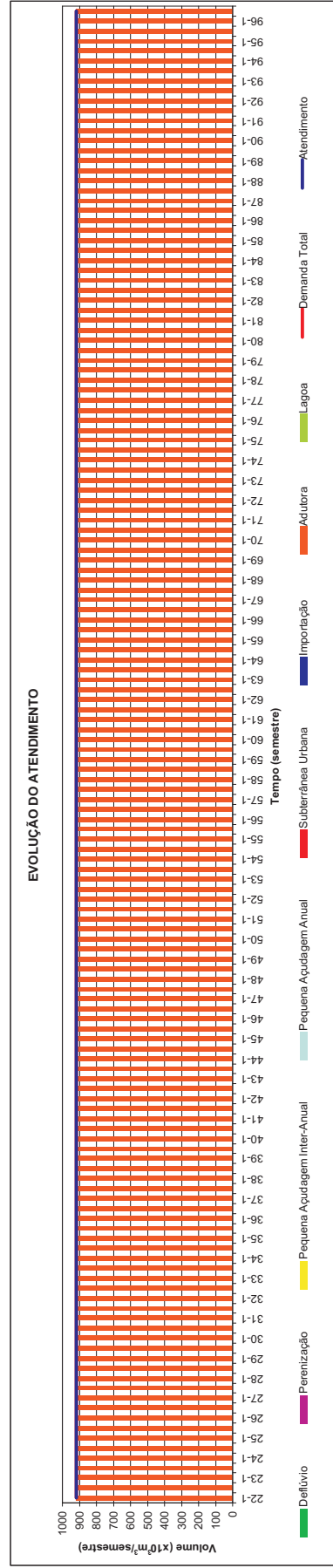
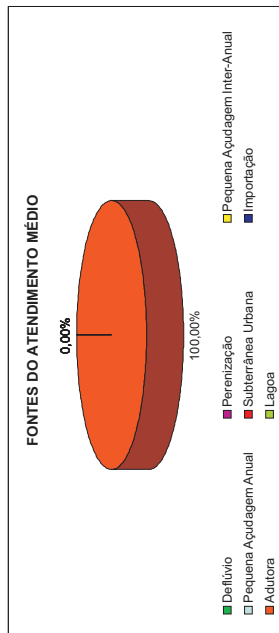
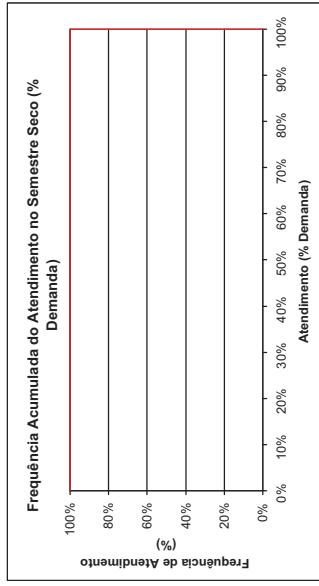
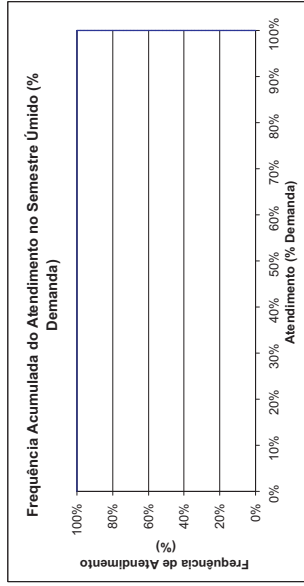
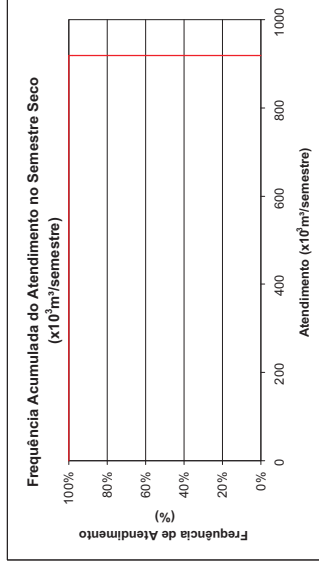
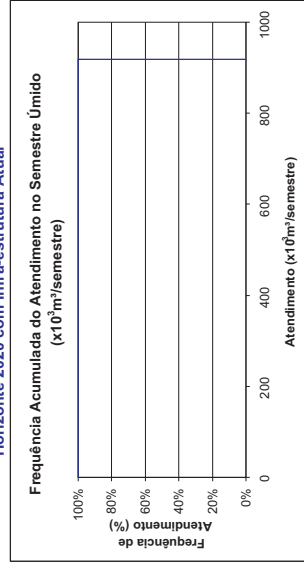
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
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10%	205.284	96%	205.284	96%
20%	205.284	96%	205.284	96%
30%	205.284	96%	205.284	96%
40%	205.284	96%	205.284	96%
50%	205.284	96%	205.284	96%
60%	205.284	96%	205.284	96%
70%	205.284	96%	205.284	96%
80%	205.284	96%	205.284	96%
90%	205.284	96%	205.284	96%
100%	205.284	96%	205.284	96%
Atend. Médio	205.284	96%	205.284	96%
Atend. Mínimo	205.284	96%	205.284	96%
Freq. De Falha	100,00%		100,00%	
Demanda	214.644 x10³m³/semestre		13.89 l/s	





Baturité
Demanda Humana Concentrada
MCH.BAT.04
 Horizonte 2020 com Infra-estrutura Atual

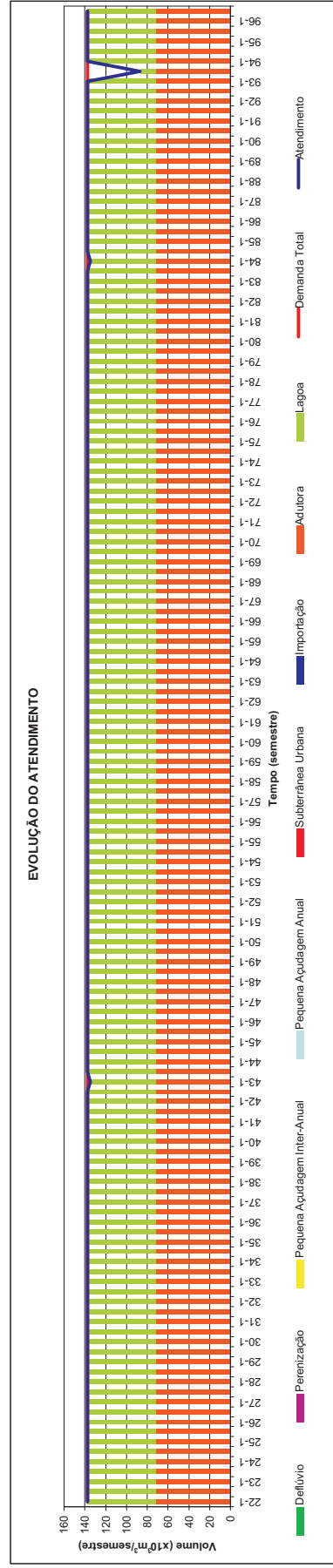
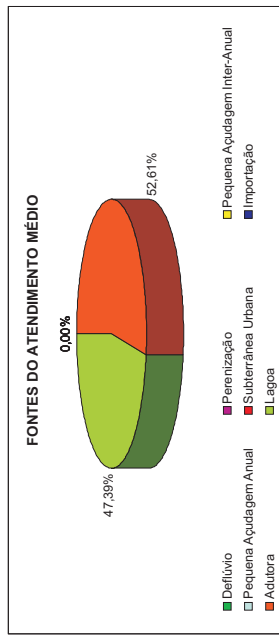
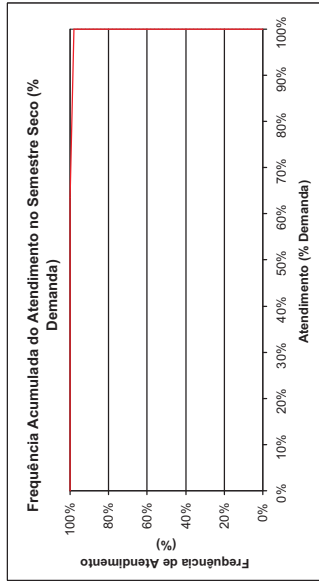
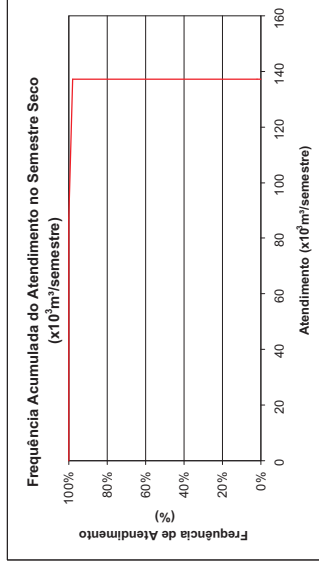
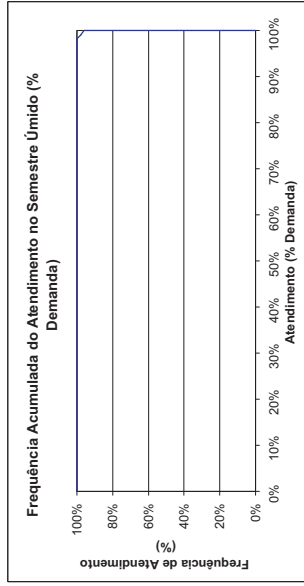
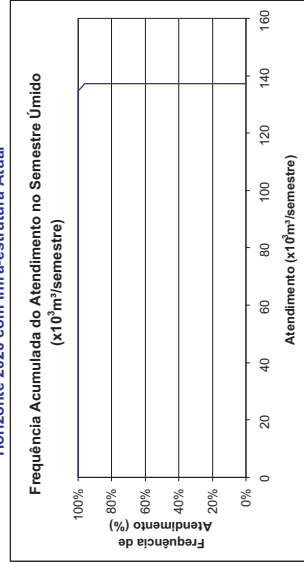
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	918.174	100%	918.174	100%
10%	918.174	100%	918.174	100%
20%	918.174	100%	918.174	100%
30%	918.174	100%	918.174	100%
40%	918.174	100%	918.174	100%
50%	918.174	100%	918.174	100%
60%	918.174	100%	918.174	100%
70%	918.174	100%	918.174	100%
80%	918.174	100%	918.174	100%
90%	918.174	100%	918.174	100%
Atend. Médio	918.174	100%	918.174	100%
Atend. Mínimo	918.174	100%	918.174	100%
Freq. De Falha	0,00%		0,00%	
Demanda	918.174 x10³m³/semestre		59.04 l/s	





Beberibe
Demanda Humana Concentrada
MCH.BEB.02
 Horizonte 2020 com Infra-estrutura Atual

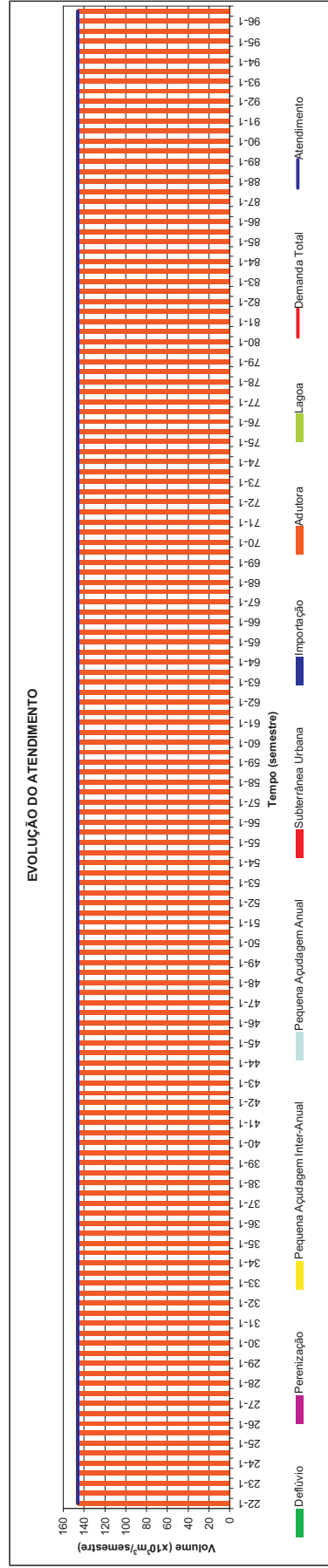
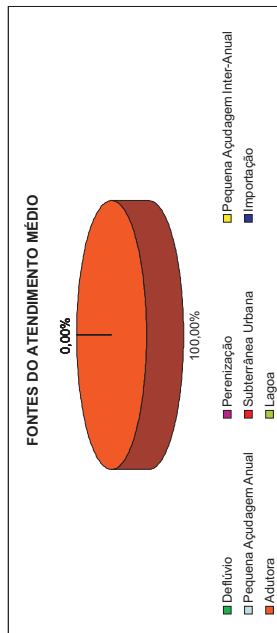
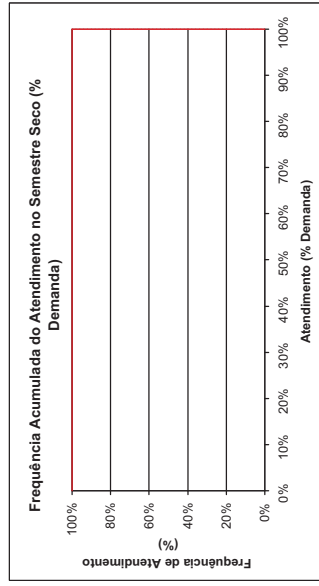
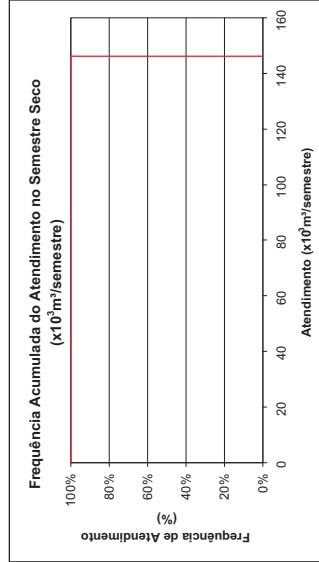
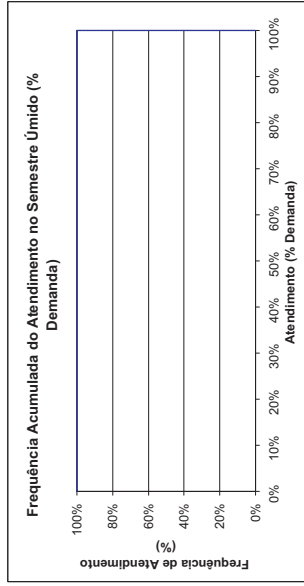
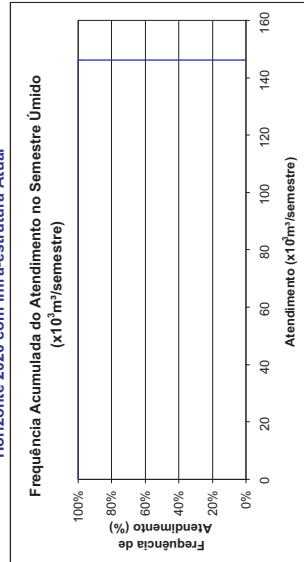
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ⁶ m ³ /Semestre	% Demanda	x10 ⁶ m ³ /Semestre	% Demanda
0%	137,304	100%	137,304	100%
10%	137,304	100%	137,304	100%
20%	137,304	100%	137,304	100%
30%	137,304	100%	137,304	100%
40%	137,304	100%	137,304	100%
50%	137,304	100%	137,304	100%
60%	137,304	100%	137,304	100%
70%	137,304	100%	137,304	100%
80%	137,304	100%	137,304	100%
90%	137,304	100%	137,304	100%
100%	134,885	98%	87,243	64%
Atend. Médio	137,304	100%	137,304	100%
Atend. Mínimo	134,885	98%	87,243	64%
Freq. De Falha	4,00%		1,33%	
Demanda	137,304	x10⁶m³/semestre	8,83	l/s





Capistrano
Demanda Humana Concentrada
MCH.CAP.03
 Horizonte 2020 com Infra-estrutura Atual

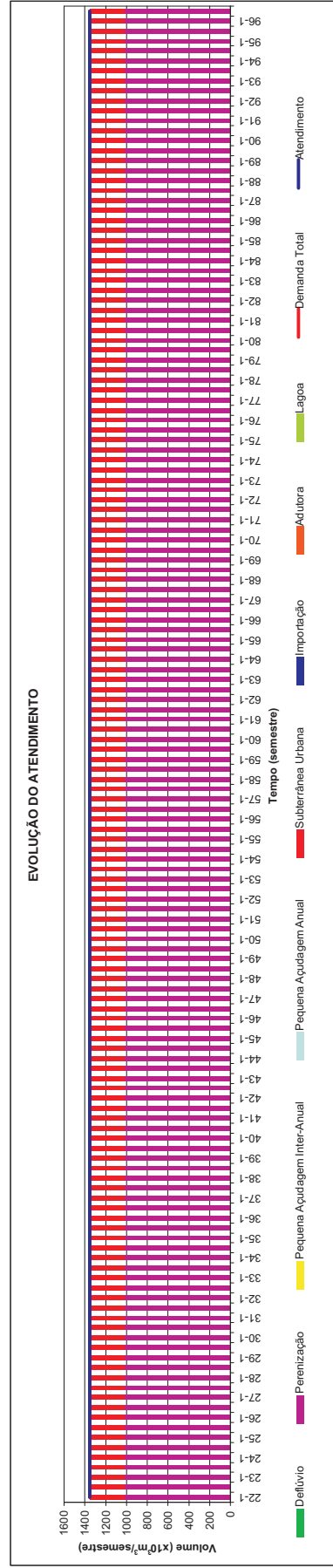
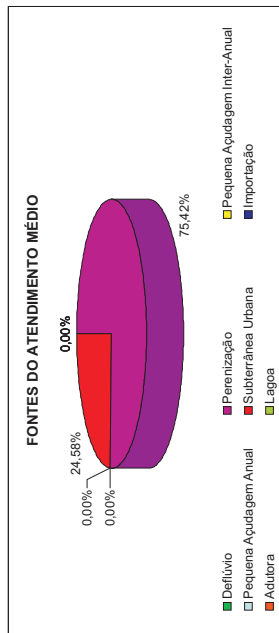
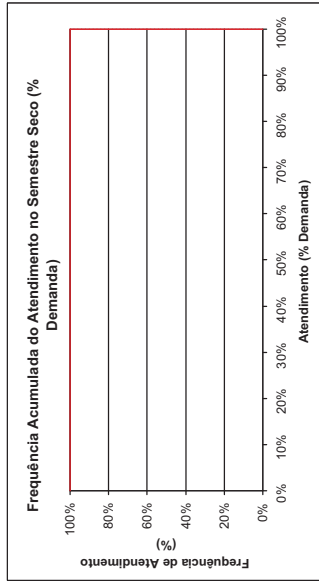
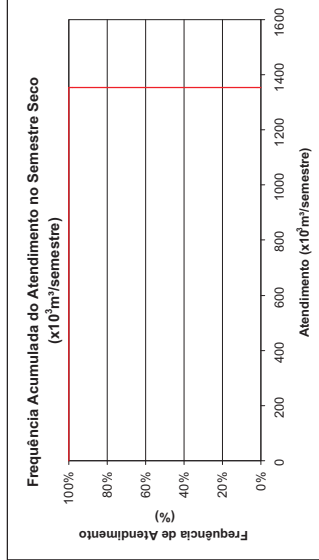
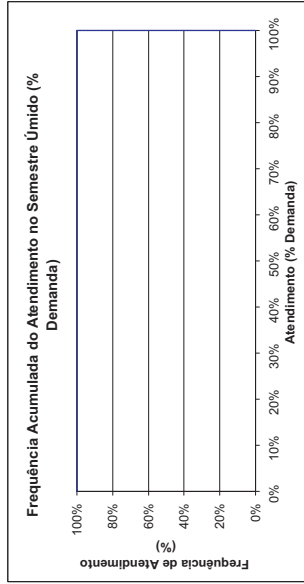
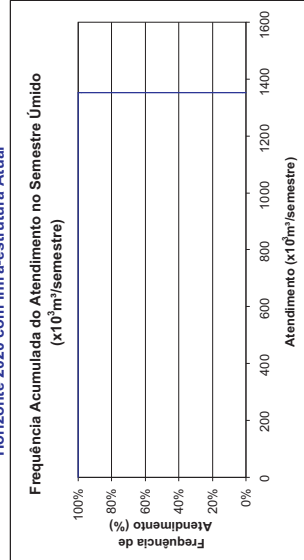
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	146.19	100%	146.19	100%
10%	146.19	100%	146.19	100%
20%	146.19	100%	146.19	100%
30%	146.19	100%	146.19	100%
40%	146.19	100%	146.19	100%
50%	146.19	100%	146.19	100%
60%	146.19	100%	146.19	100%
70%	146.19	100%	146.19	100%
80%	146.19	100%	146.19	100%
90%	146.19	100%	146.19	100%
Atend. Médio	146.19	100%	146.19	100%
Atend. Mínimo	146.19	100%	146.19	100%
Freq. De Falha	0,00%		0,00%	
Demanda	146.190 x10³m³/semestre		9.49 l/s	





Cascavel
Demanda Humana Concentrada
MMZ. CAV.07
 Horizonte 2020 com Infra-estrutura Atual

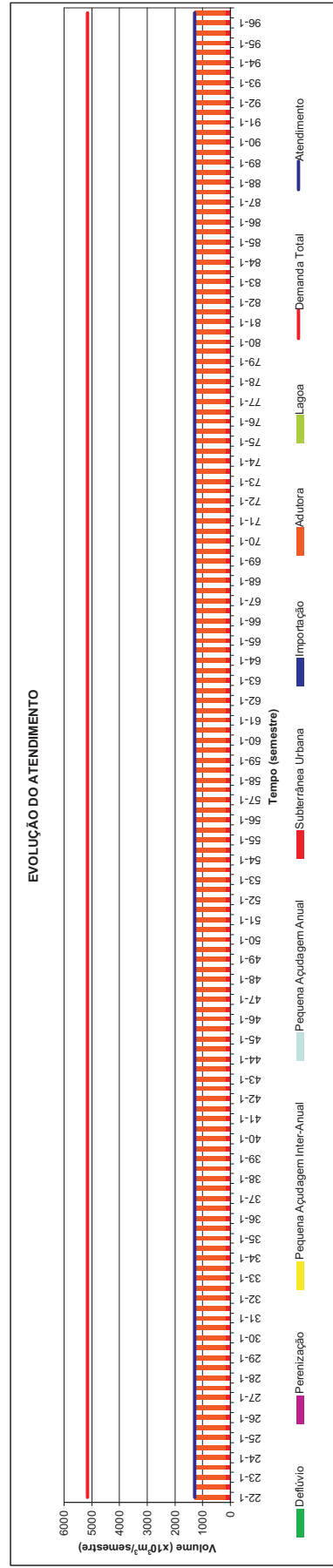
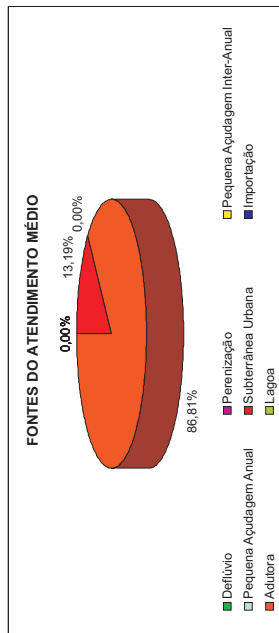
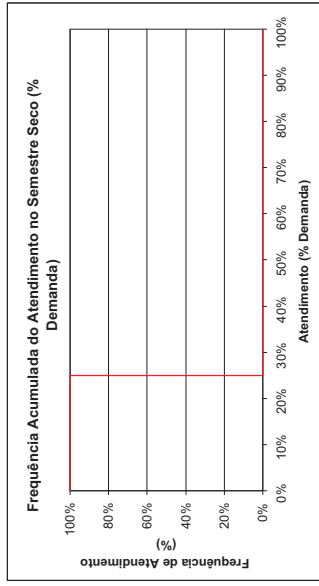
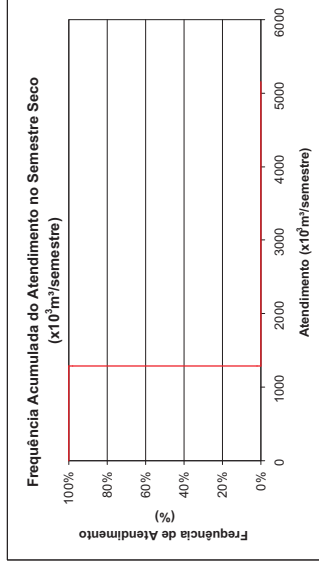
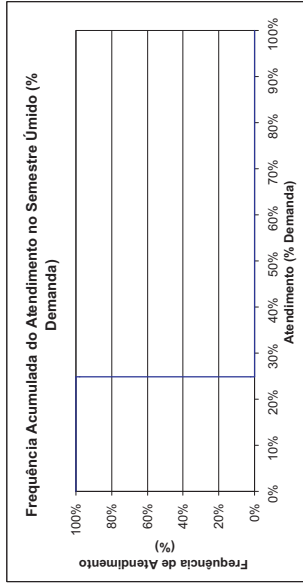
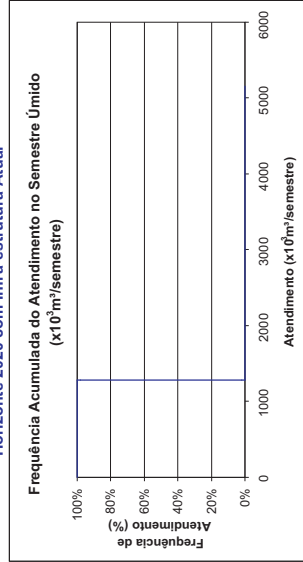
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ⁶ m ³ /Semestre	% Demanda	x10 ⁶ m ³ /Semestre	% Demanda
0%	1353,426	100%	1353,426	100%
10%	1353,426	100%	1353,426	100%
20%	1353,426	100%	1353,426	100%
30%	1353,426	100%	1353,426	100%
40%	1353,426	100%	1353,426	100%
50%	1353,426	100%	1353,426	100%
60%	1353,426	100%	1353,426	100%
70%	1353,426	100%	1353,426	100%
80%	1353,426	100%	1353,426	100%
90%	1353,426	100%	1353,426	100%
100%	1353,426	100%	1353,426	100%
Atend. Médio	1353,426	100%	1353,426	100%
Atend. Mínimo	1353,426	100%	1353,426	100%
Freq. De Falha	0,00%		0,00%	
Demanda	1.353.426 x10⁶m³/semestre		87,03 l/s	





Caucaia
Demanda Humana Concentrada
MCE.CAC.19
 Horizonte 2020 com Infra-estrutura Atual

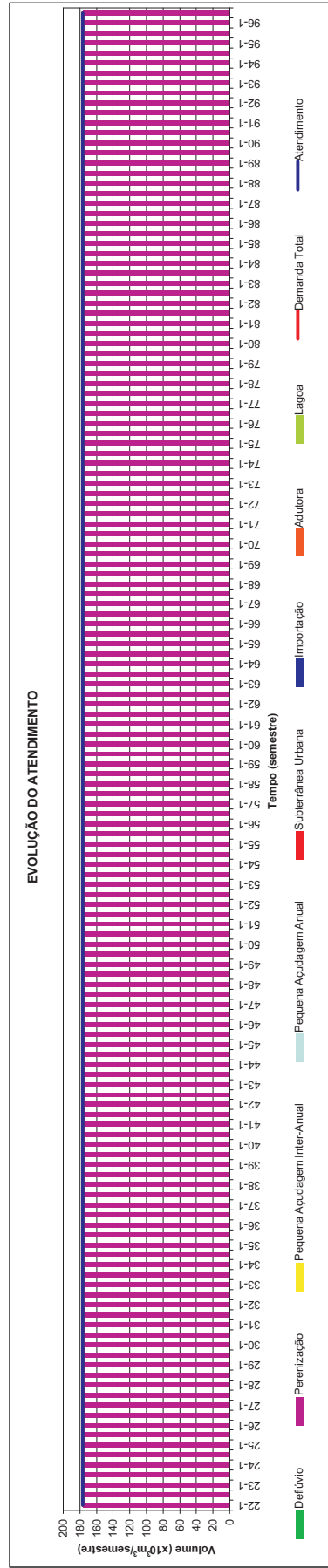
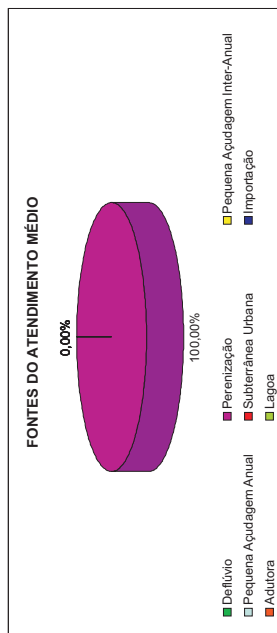
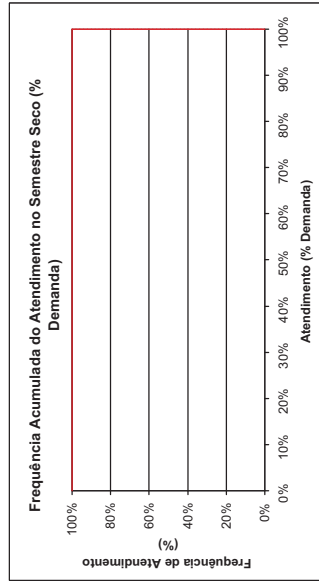
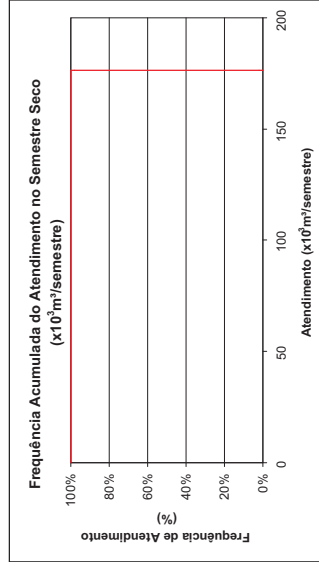
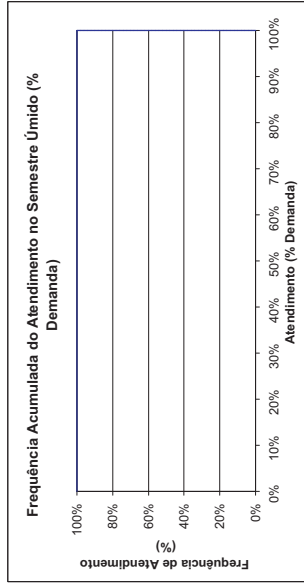
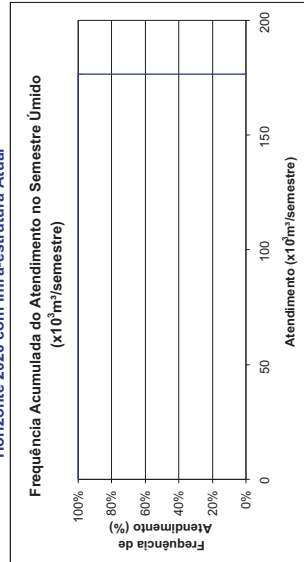
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ⁶ m ³ /Semestre	% Demanda	x10 ⁶ m ³ /Semestre	% Demanda
0%	1284,936	25%	1284,936	25%
10%	1284,936	25%	1284,936	25%
20%	1284,936	25%	1284,936	25%
30%	1284,936	25%	1284,936	25%
40%	1284,936	25%	1284,936	25%
50%	1284,936	25%	1284,936	25%
60%	1284,936	25%	1284,936	25%
70%	1284,936	25%	1284,936	25%
80%	1284,936	25%	1284,936	25%
90%	1284,936	25%	1284,936	25%
100%	1284,936	25%	1284,936	25%
Atend. Médio	1284,936	25%	1284,936	25%
Atend. Mínimo	1284,936	25%	1284,936	25%
Freq. De Falha	100,00%		100,00%	
Demanda	5.154,954 x10⁶m³/semestre		331,47 l/s	





Choró
Demanda Humana Concentrada
MCH-CHR.12
 Horizonte 2020 com Infra-estrutura Atual

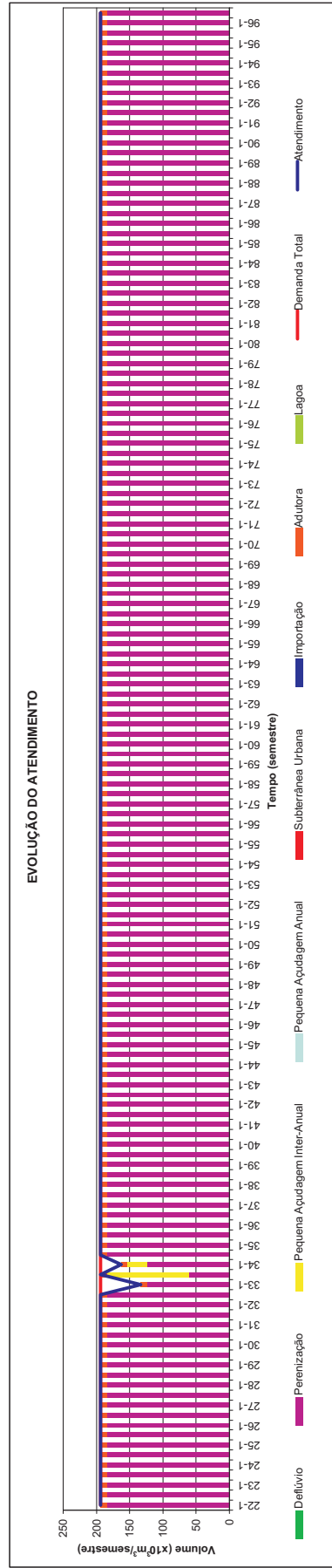
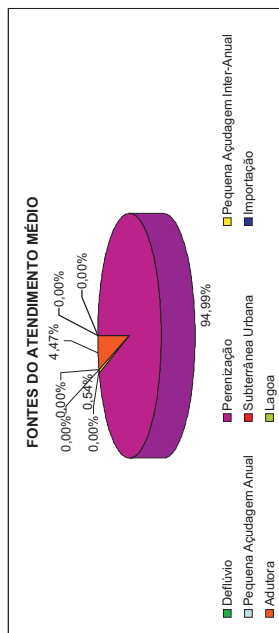
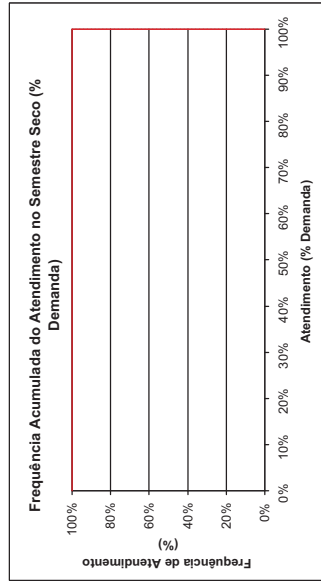
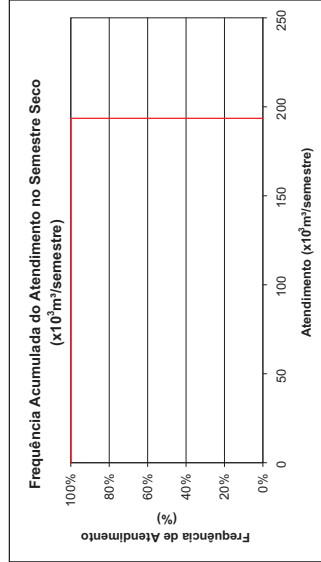
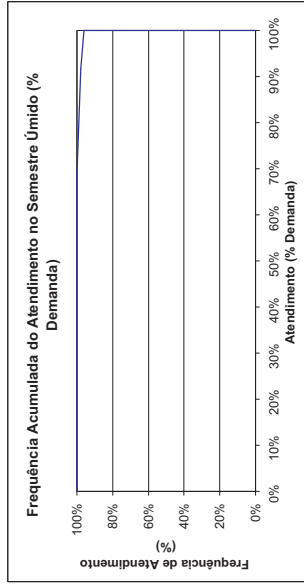
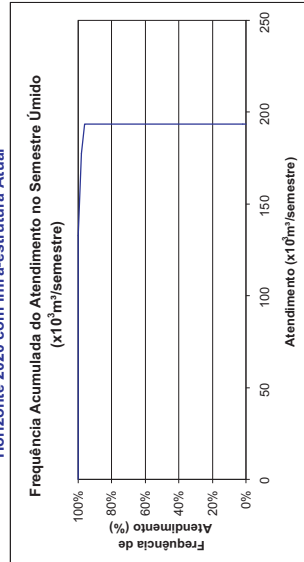
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	176.538	100%	176.538	100%
10%	176.538	100%	176.538	100%
20%	176.538	100%	176.538	100%
30%	176.538	100%	176.538	100%
40%	176.538	100%	176.538	100%
50%	176.538	100%	176.538	100%
60%	176.538	100%	176.538	100%
70%	176.538	100%	176.538	100%
80%	176.538	100%	176.538	100%
90%	176.538	100%	176.538	100%
Atend. Médio	176.538	100%	176.538	100%
Atend. Mínimo	176.538	100%	176.538	100%
Freq. De Falha	0,00%		0,00%	
Demanda	176.538	x10³m³/semestre	176.538	11,35 l/s





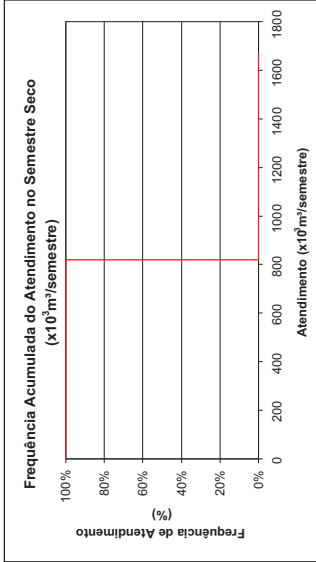
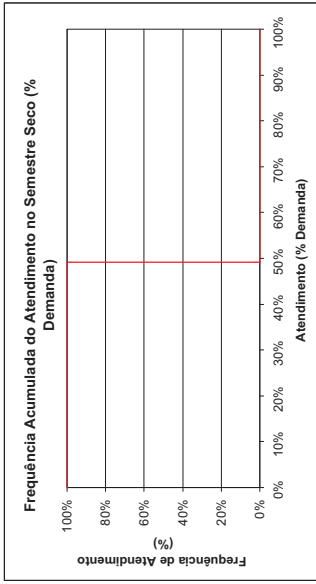
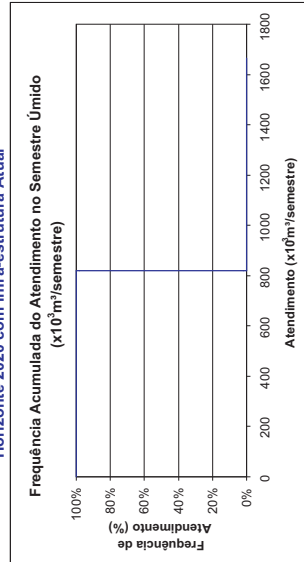
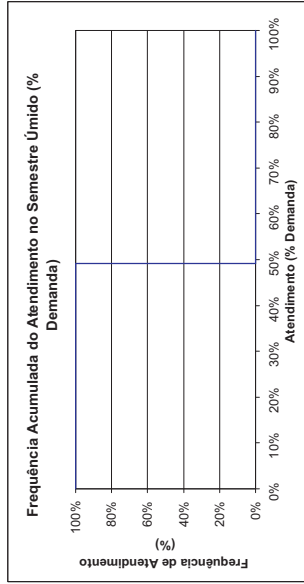
Chorozinho
Demanda Humana Concentrada
MCH-CHO.05
 Horizonte 2020 com Infra-estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	193,452	100%	193,452	100%
10%	193,452	100%	193,452	100%
20%	193,452	100%	193,452	100%
30%	193,452	100%	193,452	100%
40%	193,452	100%	193,452	100%
50%	193,452	100%	193,452	100%
60%	193,452	100%	193,452	100%
70%	193,452	100%	193,452	100%
80%	193,452	100%	193,452	100%
90%	193,452	100%	193,452	100%
100%	193,452	100%	193,452	100%
Atend. Médio	132,989	69%	193,452	100%
Atend. Mínimo	193,452	100%	193,452	100%
Freq. De Falha	2,87%		0,00%	
Demanda	193,452 x10 ³ m ³ /semestre		12,44 l/s	

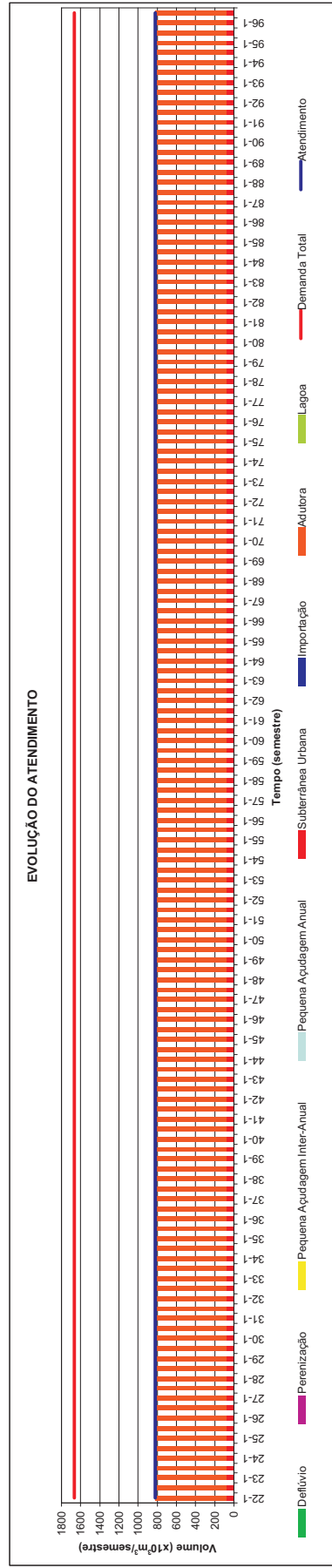
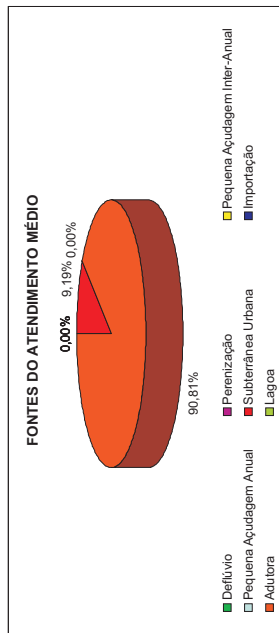


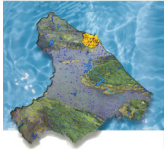


Eusébio
Demanda Humana Concentrada
MCC.EUS.02
 Horizonte 2020 com Infra-estrutura Atual



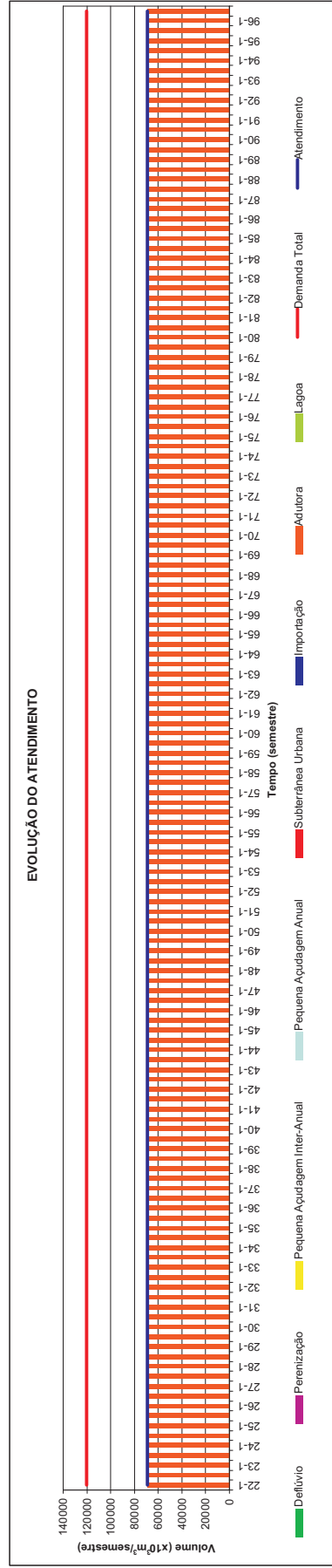
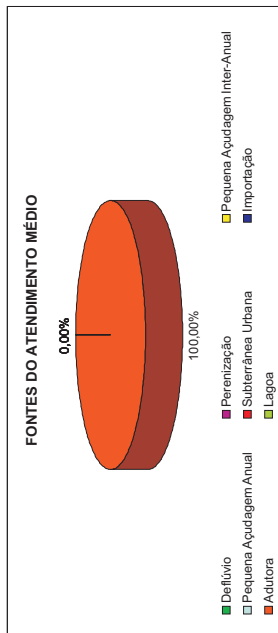
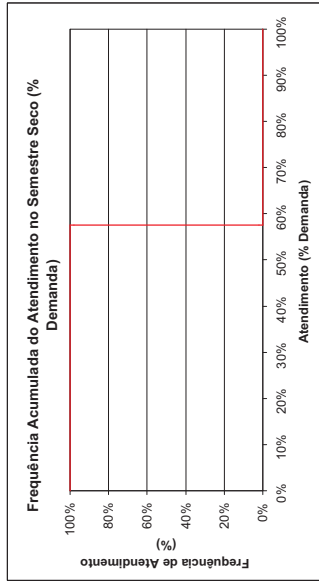
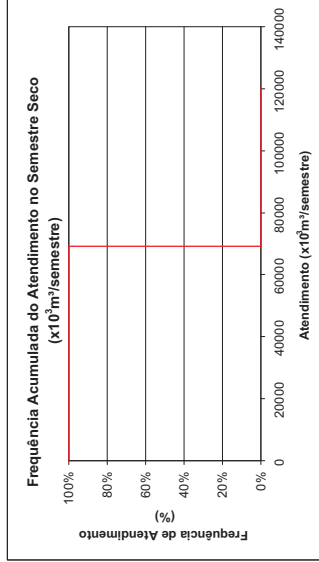
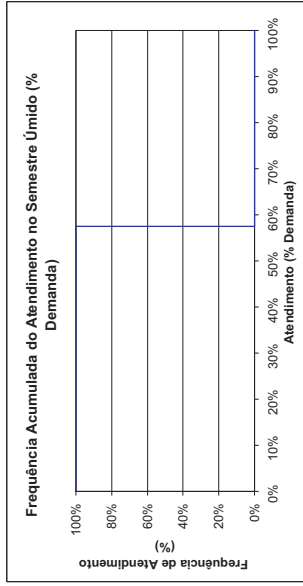
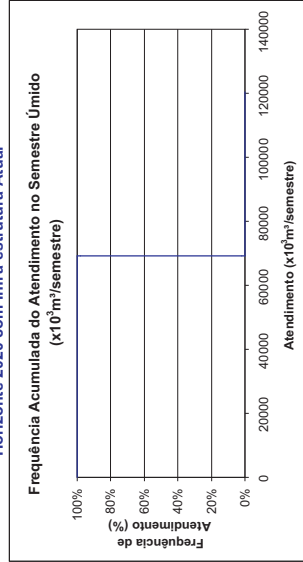
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	818,966	49%	818,966	49%
10%	818,966	49%	818,966	49%
20%	818,966	49%	818,966	49%
30%	818,966	49%	818,966	49%
40%	818,966	49%	818,966	49%
50%	818,966	49%	818,966	49%
60%	818,966	49%	818,966	49%
70%	818,966	49%	818,966	49%
80%	818,966	49%	818,966	49%
90%	818,966	49%	818,966	49%
100%	818,966	49%	818,966	49%
Atend. Médio	818,966	49%	818,966	49%
Atend. Mínimo	818,966	49%	818,966	49%
Freq. De Falha	100,00%		100,00%	
Demanda	1.665.330 x10³m³/semestre		107,09 l/s	

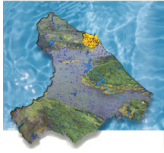




Fortaleza
Demanda Humana Concentrada
FOR.FOR.00
 Horizonte 2020 com Infra-estrutura Atual

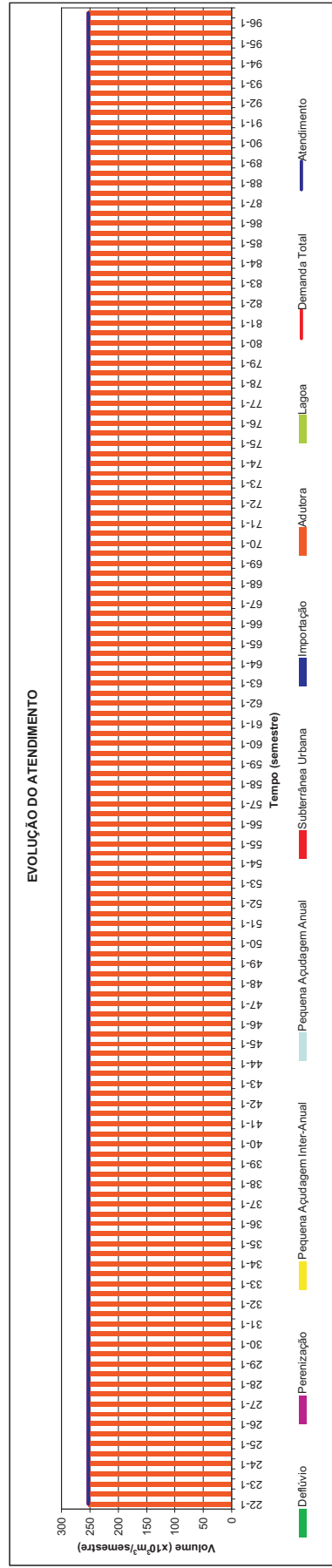
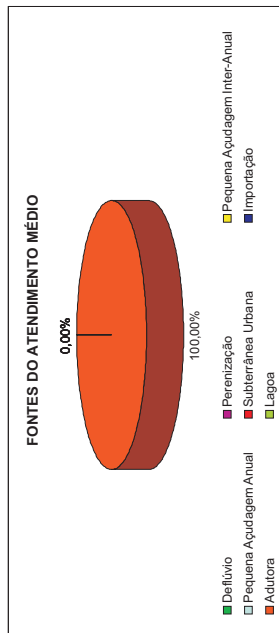
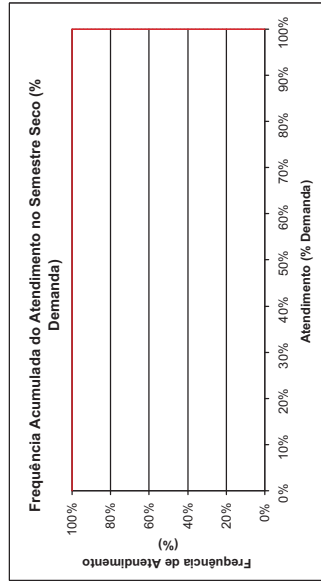
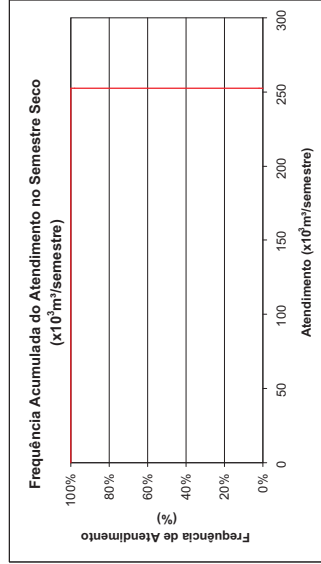
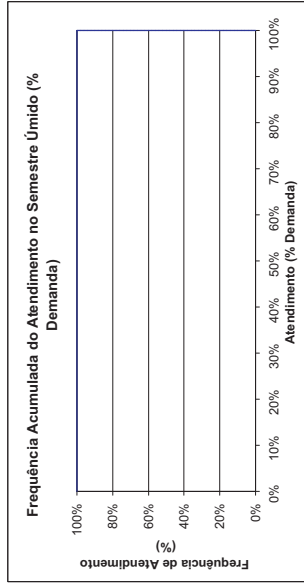
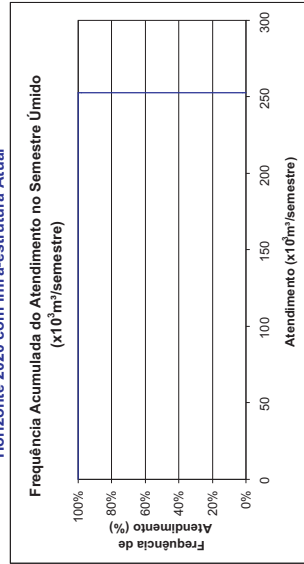
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ⁶ m ³ /Semestre	% Demanda	x10 ⁶ m ³ /Semestre	% Demanda
0%	69221,443	58%	69221,443	58%
10%	69221,443	58%	69221,443	58%
20%	69221,443	58%	69221,443	58%
30%	69221,443	58%	69221,443	58%
40%	69221,443	58%	69221,443	58%
50%	69221,443	58%	69221,443	58%
60%	69221,443	58%	69221,443	58%
70%	69221,443	58%	69221,443	58%
80%	69221,443	58%	69221,443	58%
90%	69221,443	58%	69221,443	58%
100%	69221,443	58%	69221,443	58%
Atend. Médio	69221,443	58%	69221,443	58%
Atend. Mínimo	69221,443	58%	69221,443	58%
Freq. De Falha	100,00%		100,00%	
Demanda	120.312,624 x10⁶m³/semestre		7736,15 l/s	





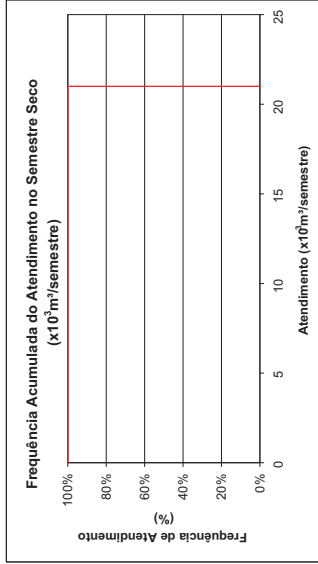
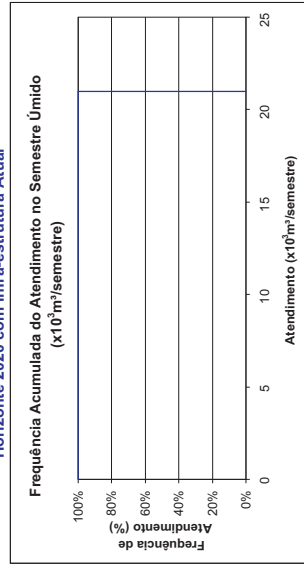
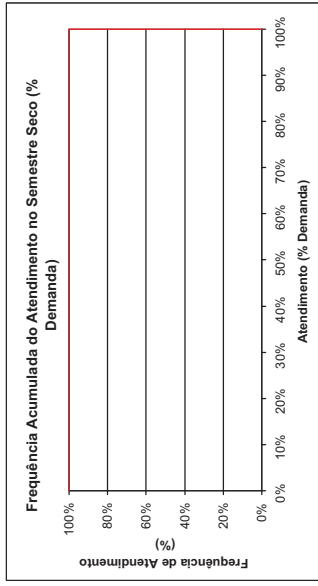
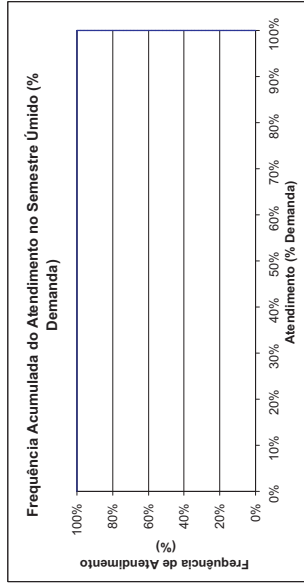
Guaiuba
Demanda Humana Concentrada
MPA.GUB.11
 Horizonte 2020 com Infra-estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	252,612	100%	252,612	100%
10%	252,612	100%	252,612	100%
20%	252,612	100%	252,612	100%
30%	252,612	100%	252,612	100%
40%	252,612	100%	252,612	100%
50%	252,612	100%	252,612	100%
60%	252,612	100%	252,612	100%
70%	252,612	100%	252,612	100%
80%	252,612	100%	252,612	100%
90%	252,612	100%	252,612	100%
100%	252,612	100%	252,612	100%
Atend. Médio	252,612	100%	252,612	100%
Atend. Mínimo	252,612	100%	252,612	100%
Freq. De Falha	0,00%		0,00%	
Demanda	252,612	x10³m³/semestre	16,24	l/s

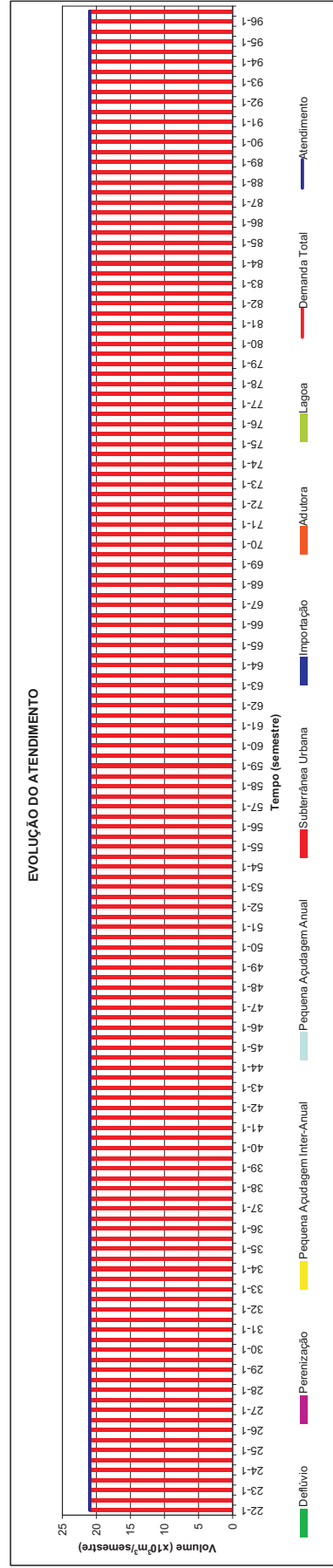
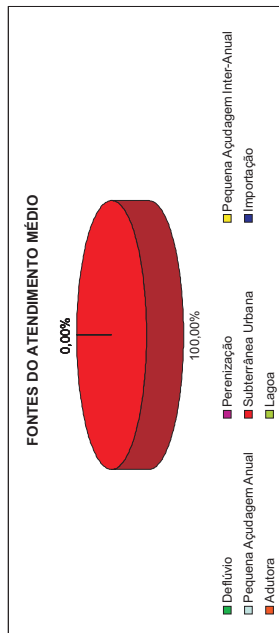




Guaramiranga
Demanda Humana Concentrada
MCH-GUA.02
 Horizonte 2020 com Infra-estrutura Atual



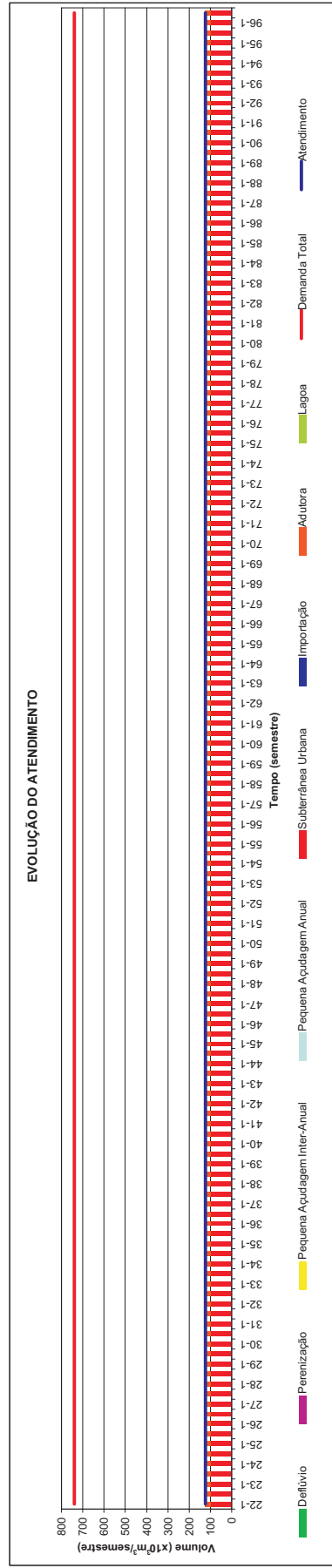
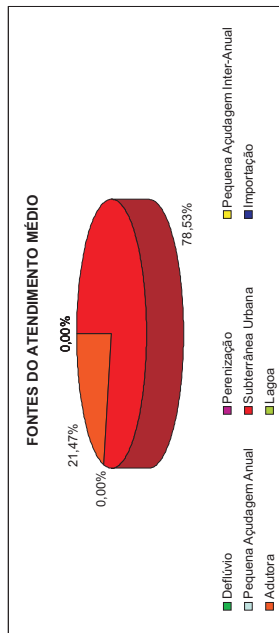
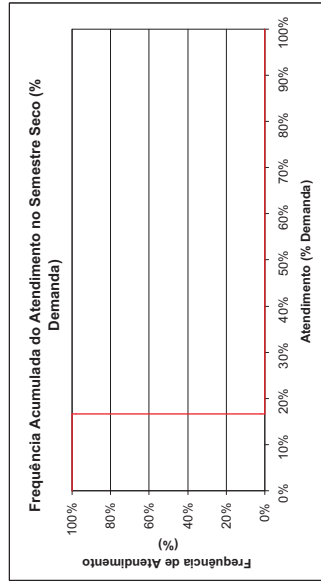
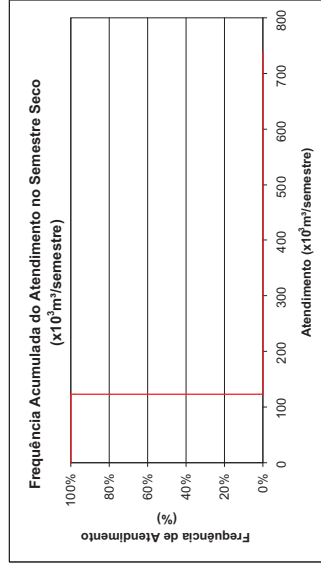
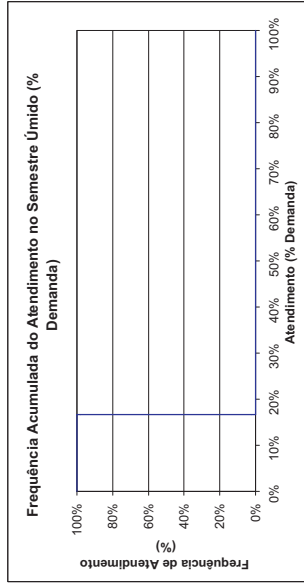
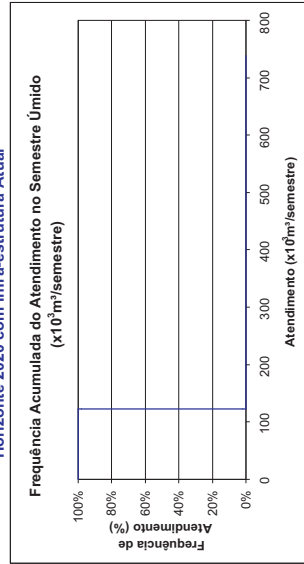
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ⁶ m ³ /Semestre	% Demanda	x10 ⁶ m ³ /Semestre	% Demanda
0%	21	100%	21	100%
10%	21	100%	21	100%
20%	21	100%	21	100%
30%	21	100%	21	100%
40%	21	100%	21	100%
50%	21	100%	21	100%
60%	21	100%	21	100%
70%	21	100%	21	100%
80%	21	100%	21	100%
90%	21	100%	21	100%
100%	21	100%	21	100%
Atend. Médio	21	100%	21	100%
Atend. Mínimo	21	100%	21	100%
Freq. De Falha	21	0,00%	21	0,00%
Demanda	21,000 x10⁶m³/semestre		1,35 l/s	





Horizonte
Demanda Humana Concentrada
MCH.HOR.01
 Horizonte 2020 com Infra-estrutura Atual

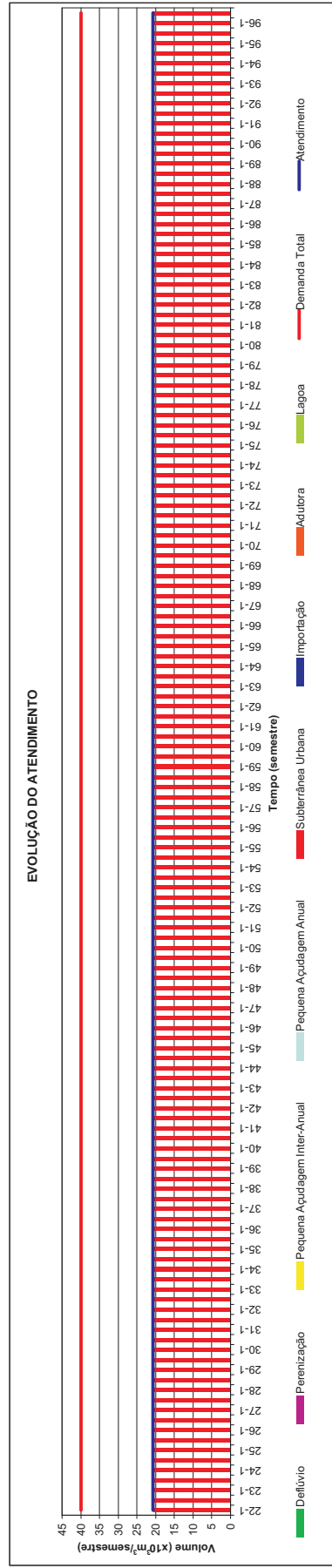
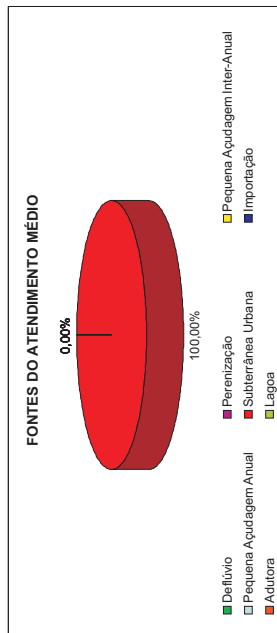
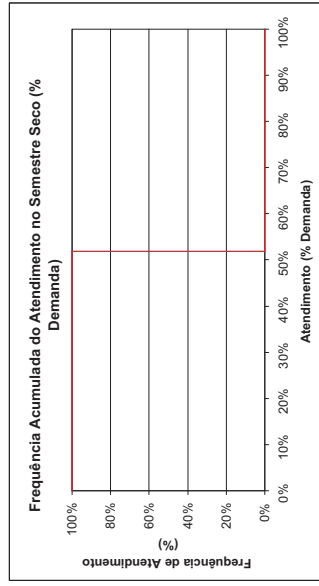
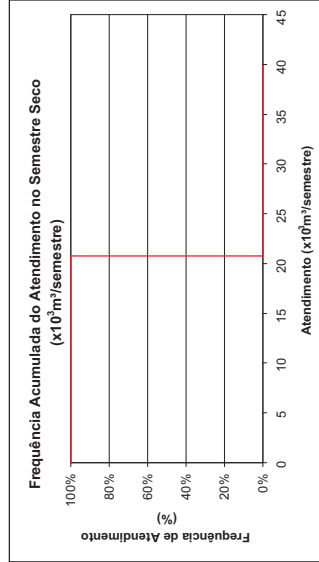
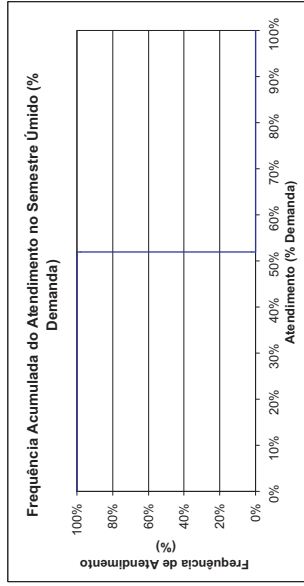
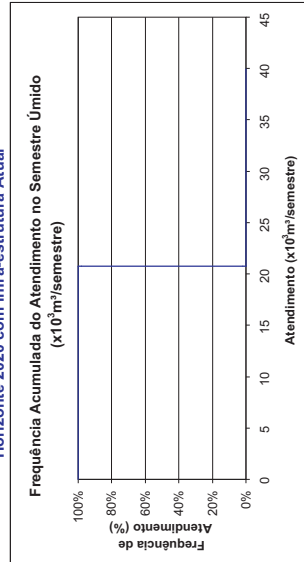
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	122.974	17%	122.974	17%
10%	122.974	17%	122.974	17%
20%	122.974	17%	122.974	17%
30%	122.974	17%	122.974	17%
40%	122.974	17%	122.974	17%
50%	122.974	17%	122.974	17%
60%	122.974	17%	122.974	17%
70%	122.974	17%	122.974	17%
80%	122.974	17%	122.974	17%
90%	122.974	17%	122.974	17%
100%	122.974	17%	122.974	17%
Atend. Médio	122.974	17%	122.974	17%
Atend. Mínimo	122.974	17%	122.974	17%
Freq. De Falha	100,00%		100,00%	
Demanda	738.792 x10 ³ m ³ /semestre		47.59 l/s	





Ibaretama
Demanda Humana Concentrada
MPI.IBA.08
 Horizonte 2020 com Infra-estrutura Atual

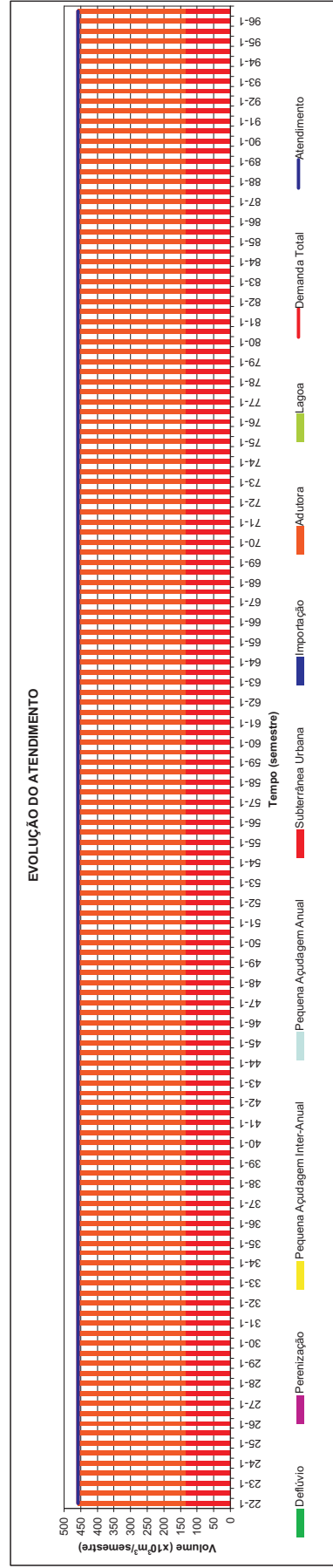
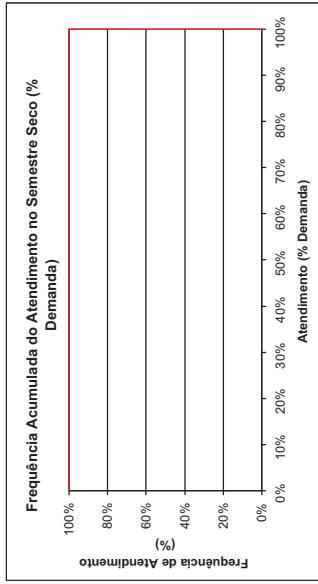
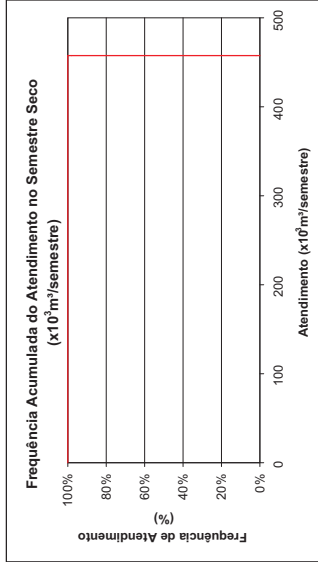
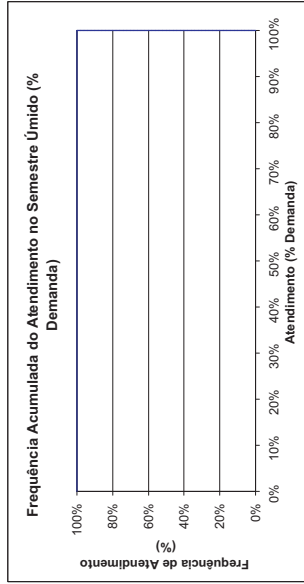
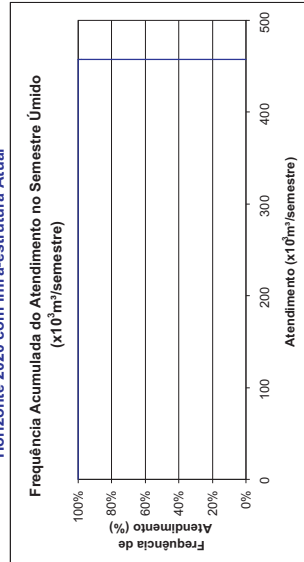
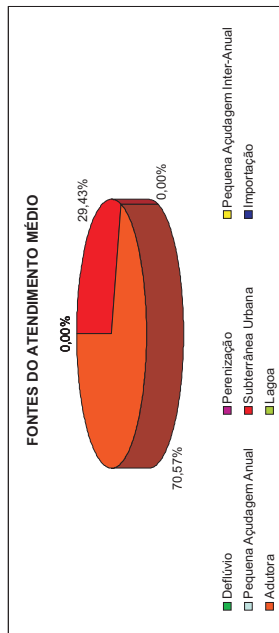
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	20,736	52%	20,736	52%
10%	20,736	52%	20,736	52%
20%	20,736	52%	20,736	52%
30%	20,736	52%	20,736	52%
40%	20,736	52%	20,736	52%
50%	20,736	52%	20,736	52%
60%	20,736	52%	20,736	52%
70%	20,736	52%	20,736	52%
80%	20,736	52%	20,736	52%
90%	20,736	52%	20,736	52%
100%	20,736	52%	20,736	52%
Atend. Médio	20,736	52%	20,736	52%
Atend. Mínimo	20,736	52%	20,736	52%
Freq. De Falha	100,00%		100,00%	
Demanda	39,942 x10 ³ m ³ /semestre		2,57 l/s	





Itaitinga
Demanda Humana Concentrada
MCC.ITG.01
 Horizonte 2020 com Infra-estrutura Atual

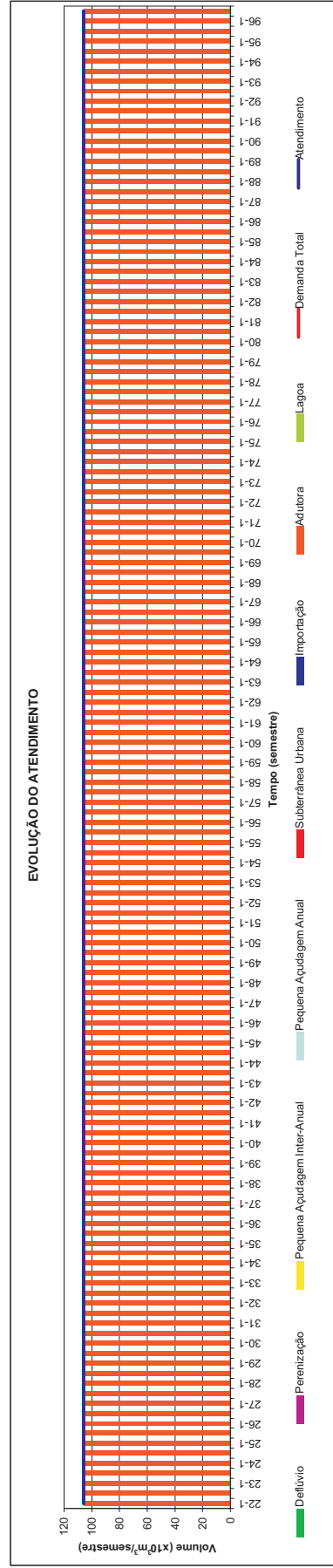
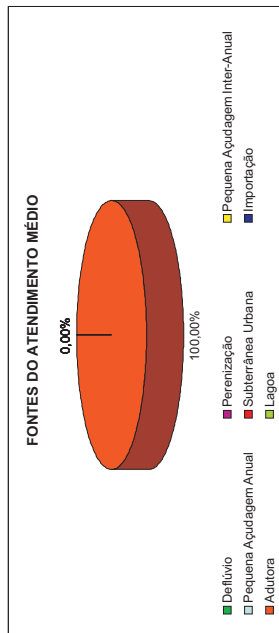
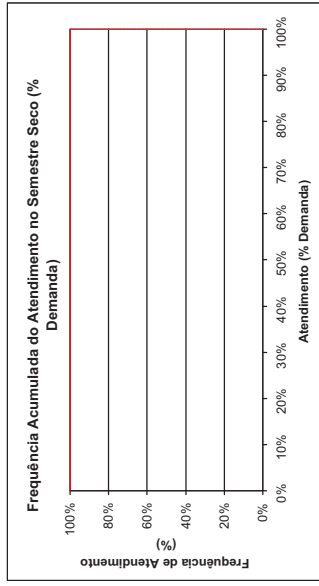
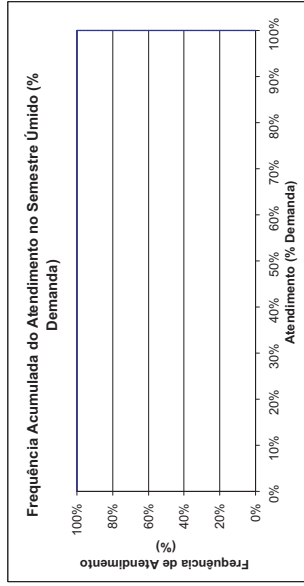
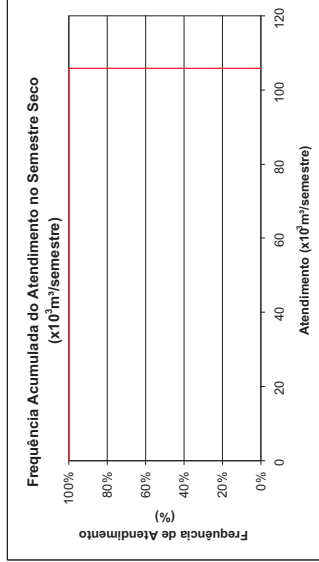
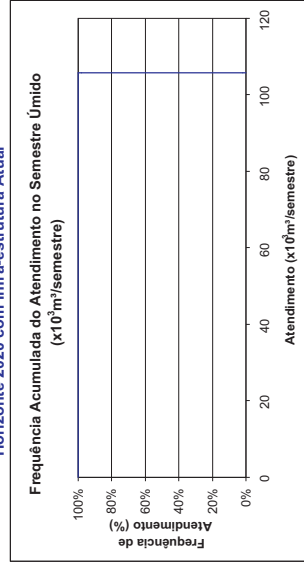
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	457,662	100%	457,662	100%
10%	457,662	100%	457,662	100%
20%	457,662	100%	457,662	100%
30%	457,662	100%	457,662	100%
40%	457,662	100%	457,662	100%
50%	457,662	100%	457,662	100%
60%	457,662	100%	457,662	100%
70%	457,662	100%	457,662	100%
80%	457,662	100%	457,662	100%
90%	457,662	100%	457,662	100%
100%	457,662	100%	457,662	100%
Atend. Médio	457,662	100%	457,662	100%
Atend. Mínimo	457,662	100%	457,662	100%
Freq. De Falha	0,00%		0,00%	
Demanda	457,662 x10³m³/semestre		29,43 l/s	





Itapiúna
Demanda Humana Concentrada
MCH.ITU.10
 Horizonte 2020 com Infra-estrutura Atual

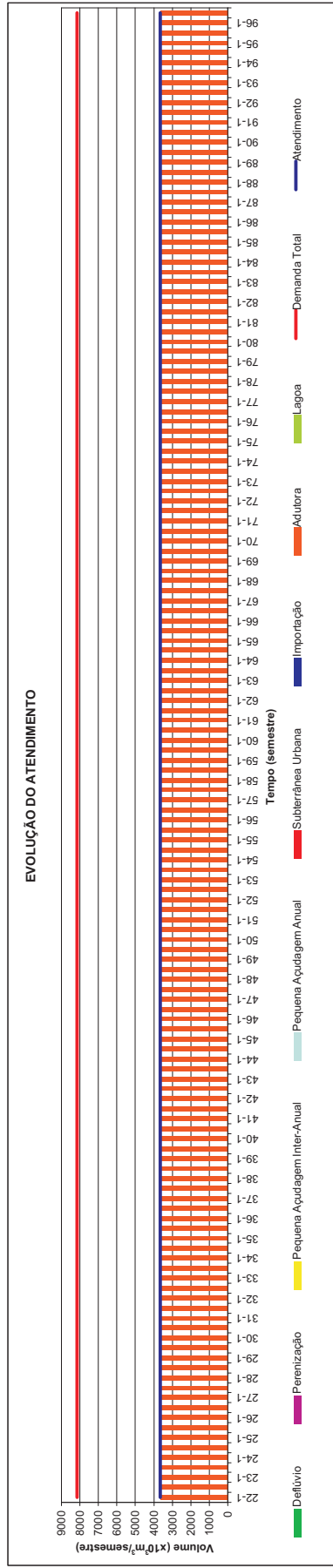
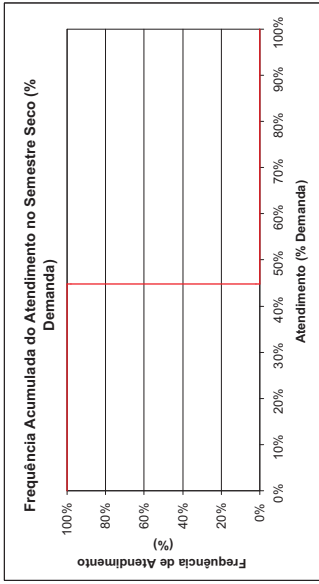
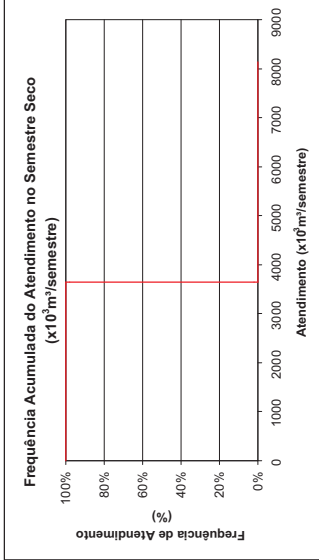
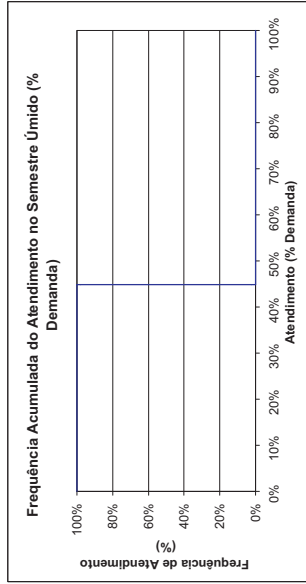
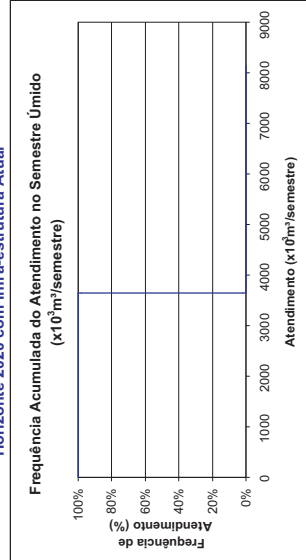
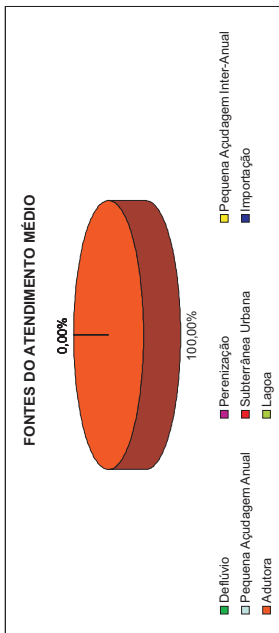
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	105,756	100%	105,756	100%
10%	105,756	100%	105,756	100%
20%	105,756	100%	105,756	100%
30%	105,756	100%	105,756	100%
40%	105,756	100%	105,756	100%
50%	105,756	100%	105,756	100%
60%	105,756	100%	105,756	100%
70%	105,756	100%	105,756	100%
80%	105,756	100%	105,756	100%
90%	105,756	100%	105,756	100%
100%	105,756	100%	105,756	100%
Atend. Médio	105,756	100%	105,756	100%
Atend. Mínimo	105,756	100%	105,756	100%
Freq. De Falha	0,00%		0,00%	
Demanda	105,756 x10³m³/semestre		6,89 l/s	





Maracaná
Demanda Humana Concentrada
MMA.MAR.01
 Horizonte 2020 com Infra-estrutura Atual

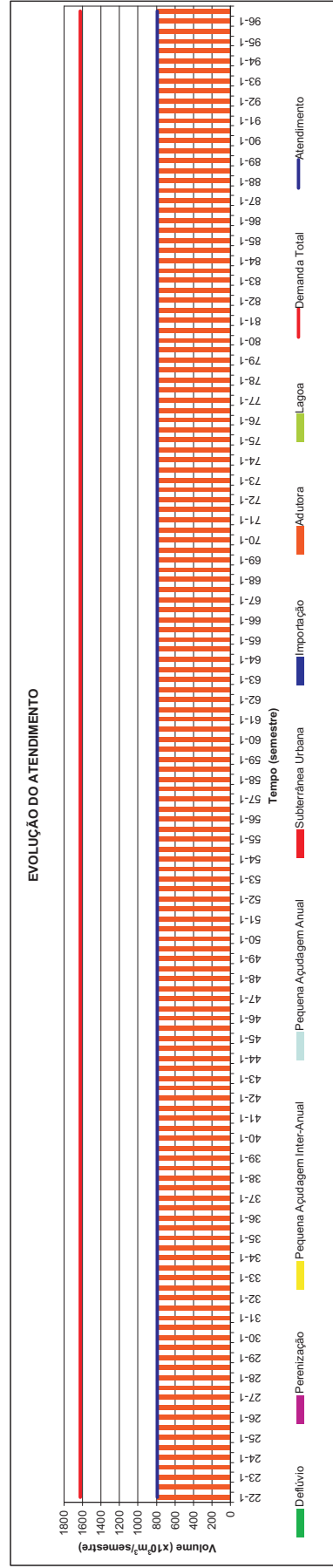
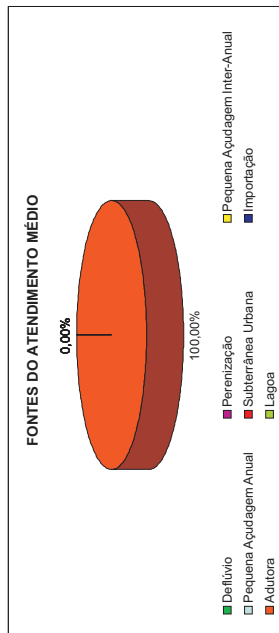
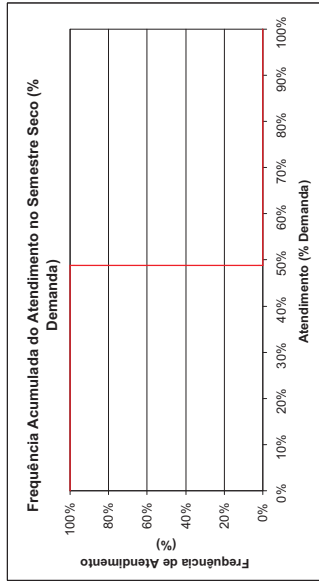
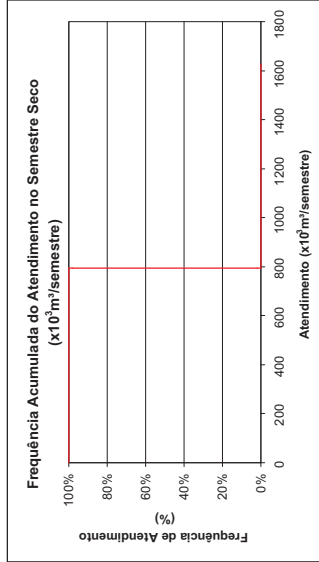
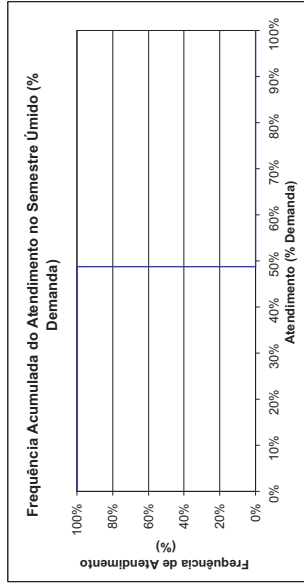
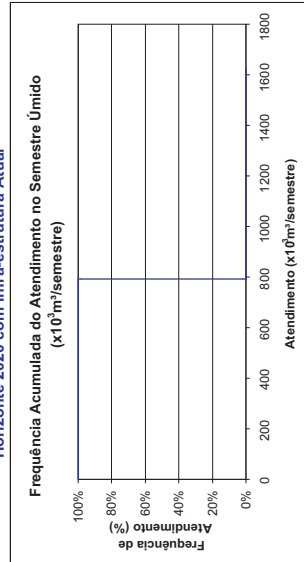
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	3649,884	45%	3649,884	45%
10%	3649,884	45%	3649,884	45%
20%	3649,884	45%	3649,884	45%
30%	3649,884	45%	3649,884	45%
40%	3649,884	45%	3649,884	45%
50%	3649,884	45%	3649,884	45%
60%	3649,884	45%	3649,884	45%
70%	3649,884	45%	3649,884	45%
80%	3649,884	45%	3649,884	45%
90%	3649,884	45%	3649,884	45%
100%	3649,884	45%	3649,884	45%
Atend. Médio	3649,884	45%	3649,884	45%
Atend. Mínimo	3649,884	45%	3649,884	45%
Freq. De Falha	100,00%		100,00%	
Demanda	8.139.276 x10³m³/semestre		523,36 l/s	





Maranguape
Demanda Humana Concentrada
MMA.MAN.05
 Horizonte 2020 com Infra-estrutura Atual

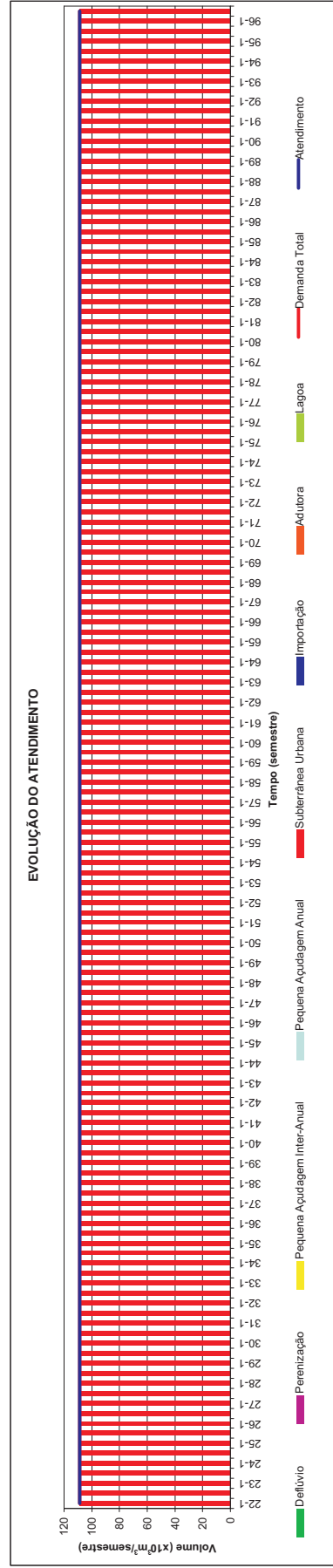
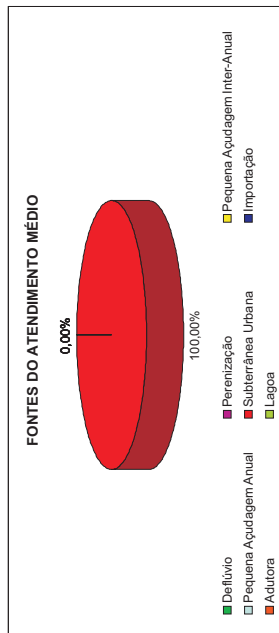
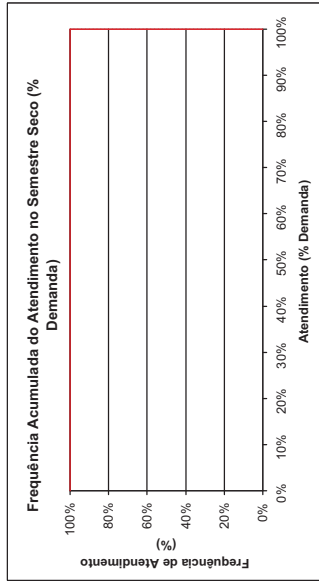
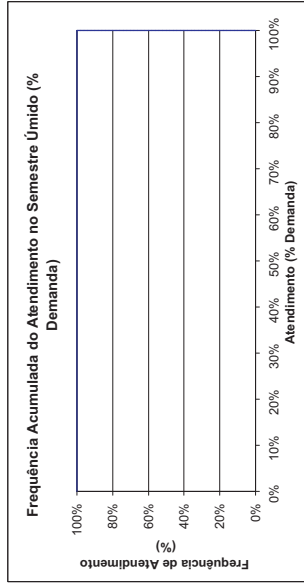
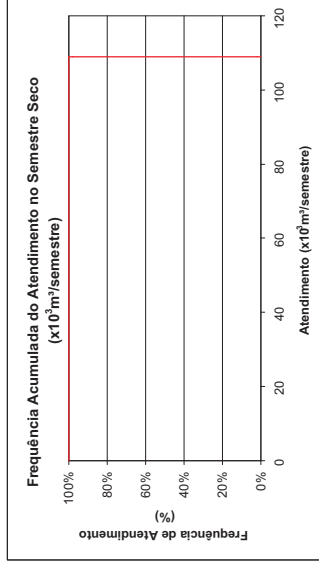
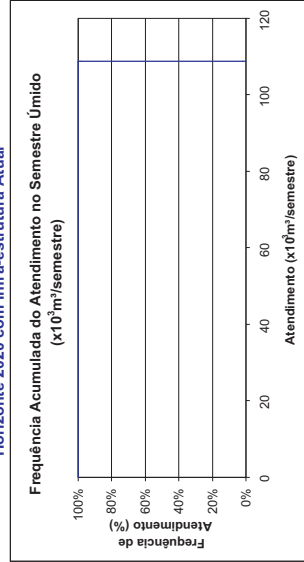
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	793,086	49%	793,086	49%
10%	793,086	49%	793,086	49%
20%	793,086	49%	793,086	49%
30%	793,086	49%	793,086	49%
40%	793,086	49%	793,086	49%
50%	793,086	49%	793,086	49%
60%	793,086	49%	793,086	49%
70%	793,086	49%	793,086	49%
80%	793,086	49%	793,086	49%
90%	793,086	49%	793,086	49%
100%	793,086	49%	793,086	49%
Atend. Médio	793,086	49%	793,086	49%
Atend. Mínimo	793,086	49%	793,086	49%
Freq. De Falha	100,00%		100,00%	
Demanda	1.626.756 x10³m³/semestre		104.69 l/s	





Mulungu
Demanda Humana Concentrada
MCH.MUL.01
 Horizonte 2020 com Infra-estrutura Atual

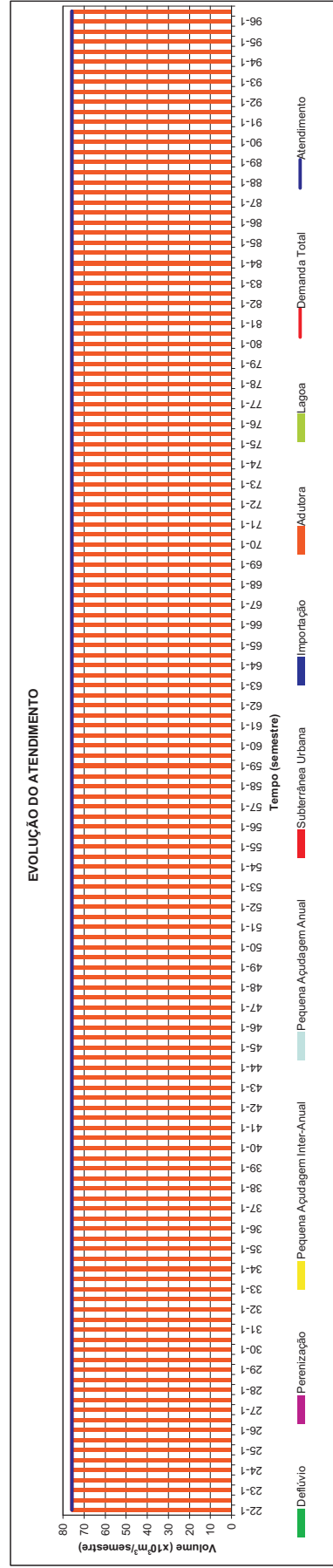
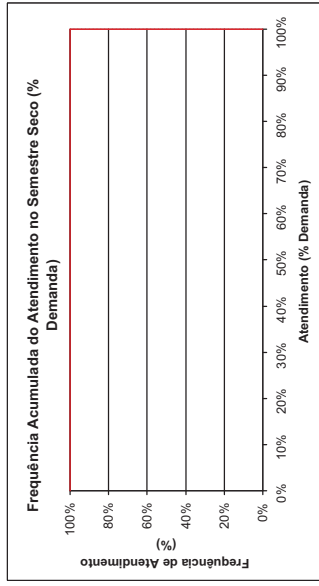
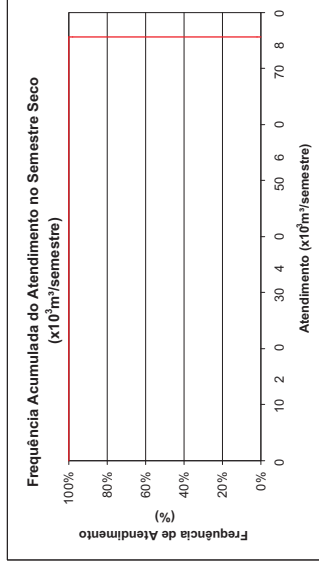
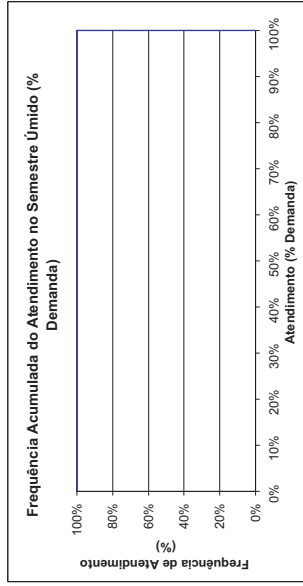
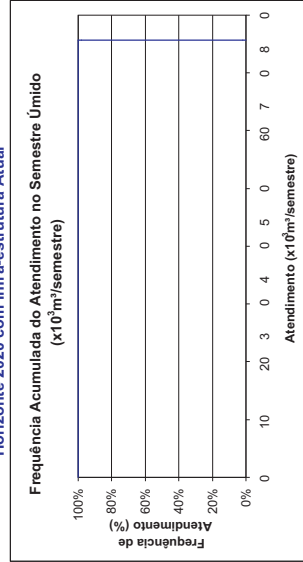
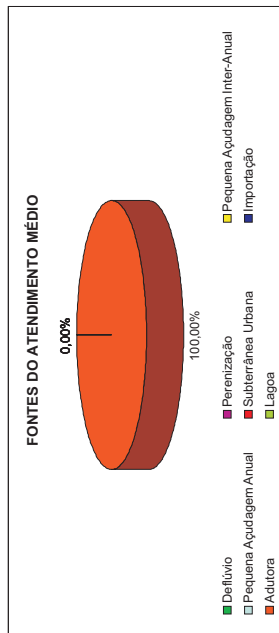
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ⁶ m ³ /Semestre	% Demanda	x10 ⁶ m ³ /Semestre	% Demanda
0%	108.864	100%	108.864	100%
10%	108.864	100%	108.864	100%
20%	108.864	100%	108.864	100%
30%	108.864	100%	108.864	100%
40%	108.864	100%	108.864	100%
50%	108.864	100%	108.864	100%
60%	108.864	100%	108.864	100%
70%	108.864	100%	108.864	100%
80%	108.864	100%	108.864	100%
90%	108.864	100%	108.864	100%
100%	108.864	100%	108.864	100%
Atend. Médio	108.864	100%	108.864	100%
Atend. Mínimo	108.864	100%	108.864	100%
Freq. De Falha	0,00%		0,00%	
Demanda	108.864 x10⁶m³/semestre		7,00 l/s	





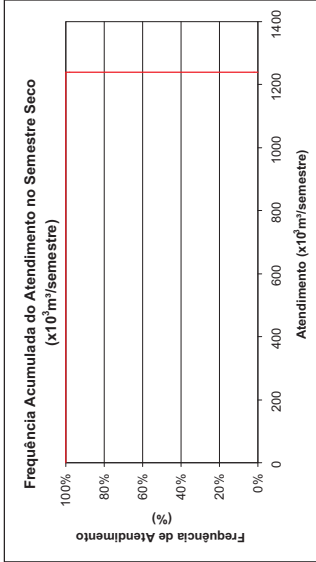
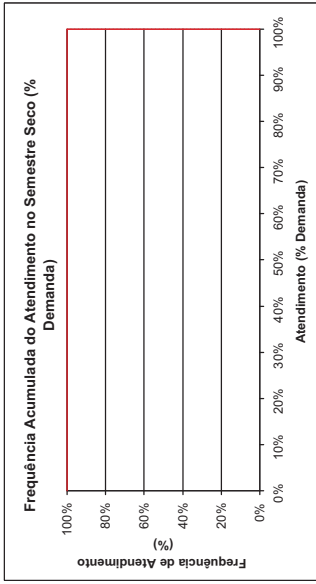
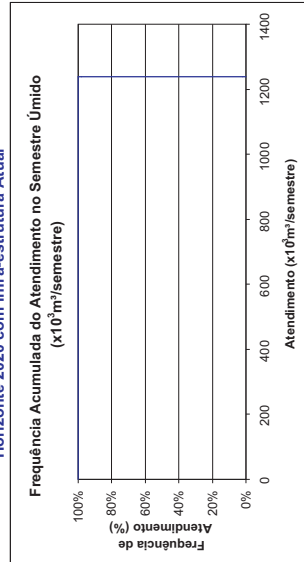
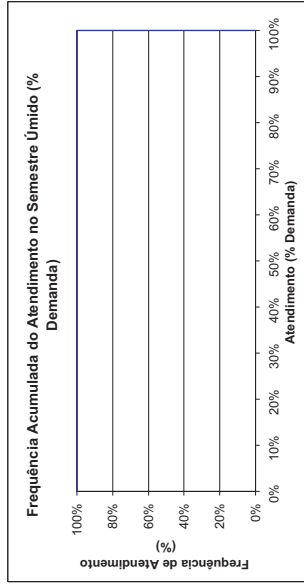
Ocara
Demanda Humana Concentrada
MCH.OCA.02
 Horizonte 2020 com Infra-estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	75.648	100%	75.648	100%
10%	75.648	100%	75.648	100%
20%	75.648	100%	75.648	100%
30%	75.648	100%	75.648	100%
40%	75.648	100%	75.648	100%
50%	75.648	100%	75.648	100%
60%	75.648	100%	75.648	100%
70%	75.648	100%	75.648	100%
80%	75.648	100%	75.648	100%
90%	75.648	100%	75.648	100%
Atend. Médio	75.648	100%	75.648	100%
Atend. Mínimo	75.648	100%	75.648	100%
Freq. De Falha	0,00%		0,00%	
Demanda	75.648 x10³m³/semestre		4.85 l/s	

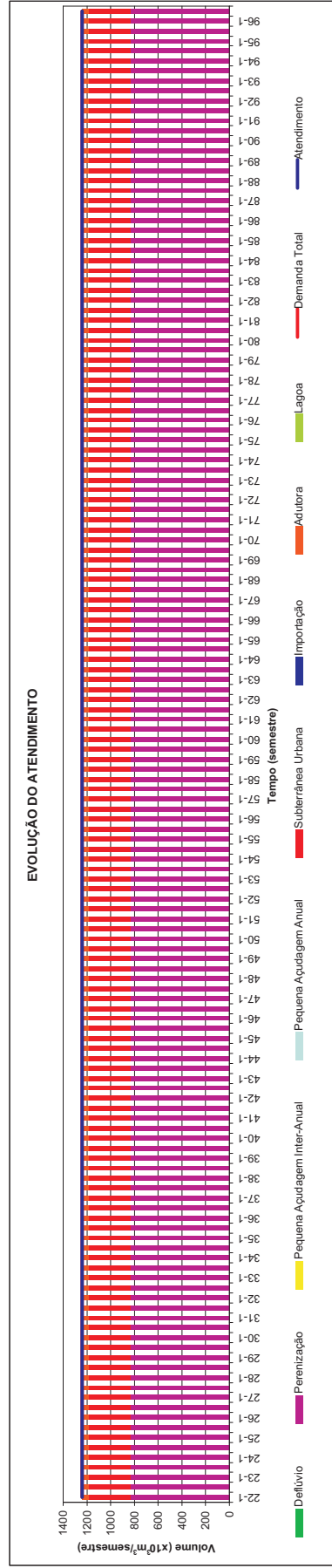
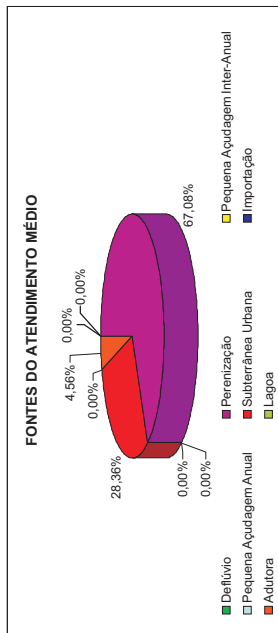




Pacajus
Demanda Humana Concentrada
MCH.PAC.06
 Horizonte 2020 com Infra-estrutura Atual



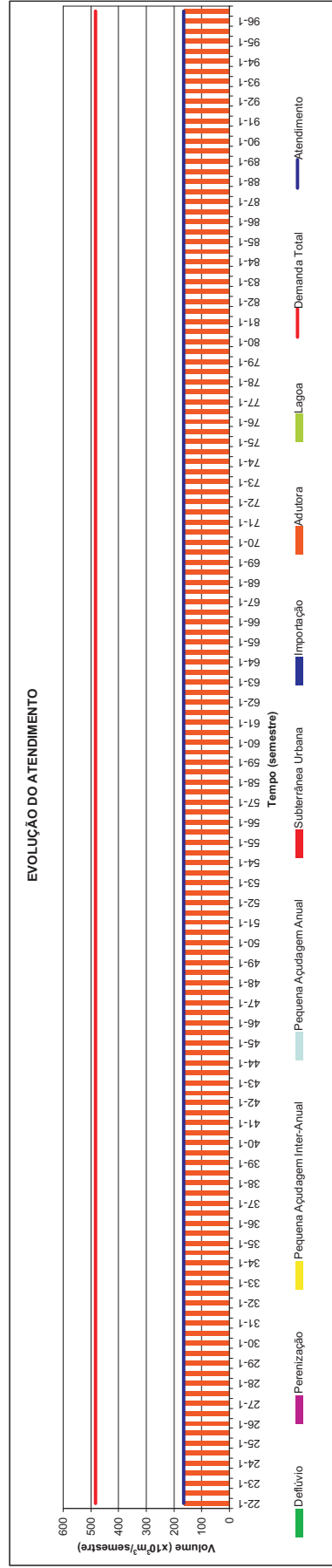
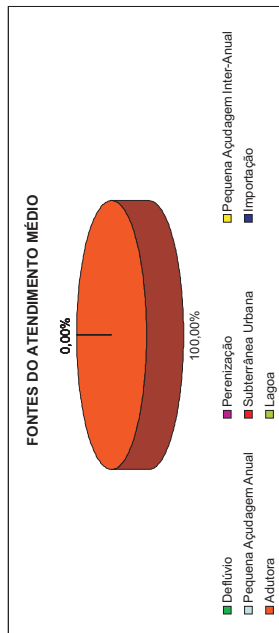
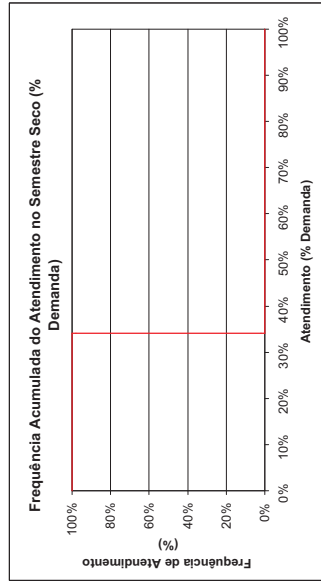
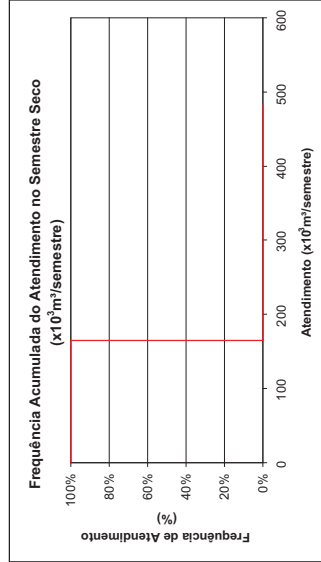
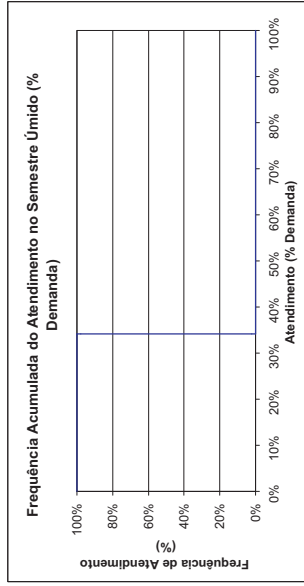
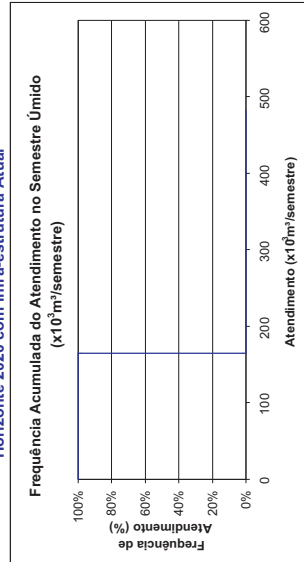
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ⁹ m ³ /Semestre	% Demanda	x10 ⁹ m ³ /Semestre	% Demanda
0%	1239.516	100%	1239.516	100%
10%	1239.516	100%	1239.516	100%
20%	1239.516	100%	1239.516	100%
30%	1239.516	100%	1239.516	100%
40%	1239.516	100%	1239.516	100%
50%	1239.516	100%	1239.516	100%
60%	1239.516	100%	1239.516	100%
70%	1239.516	100%	1239.516	100%
80%	1239.516	100%	1239.516	100%
90%	1239.516	100%	1239.516	100%
100%	1239.516	100%	1239.516	100%
Atend. Médio	1239.516	100%	1239.516	100%
Atend. Mínimo	1239.516	100%	1239.516	100%
Freq. De Falha	0,00%		0,00%	
Demanda	1.239.516 x10⁹m³/semestre		79.70 l/s	





Pacatuba
Demanda Humana Concentrada
MCO.PAT.01
 Horizonte 2020 com Infra-estrutura Atual

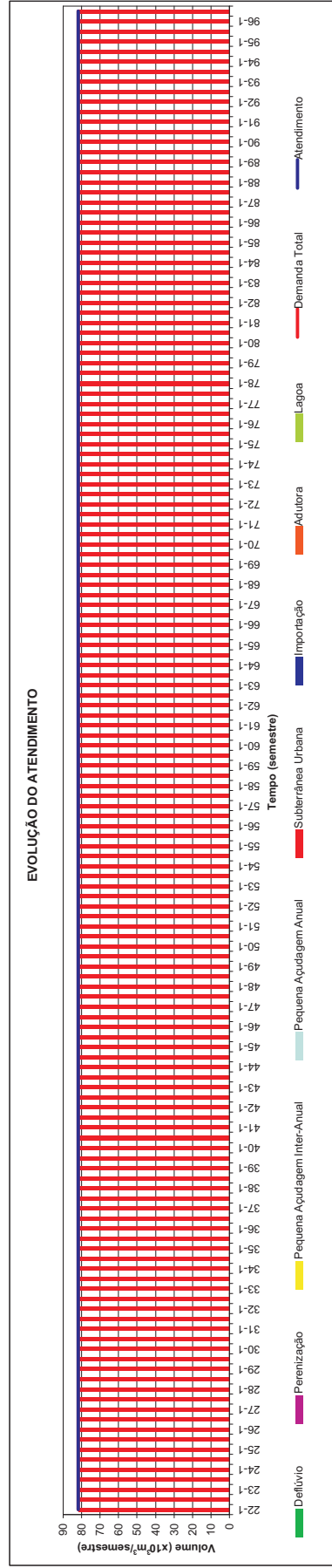
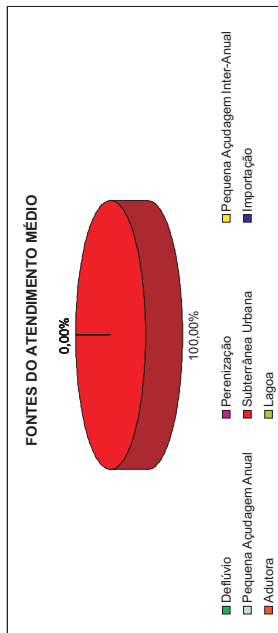
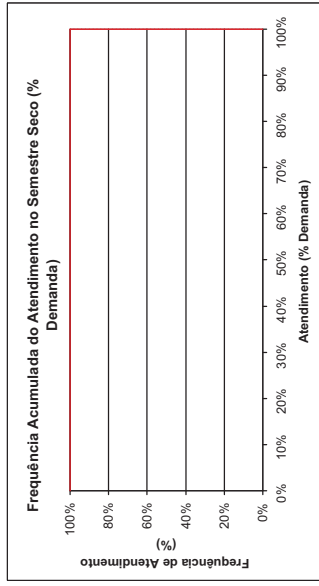
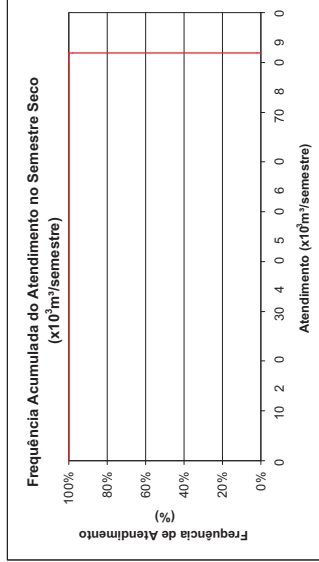
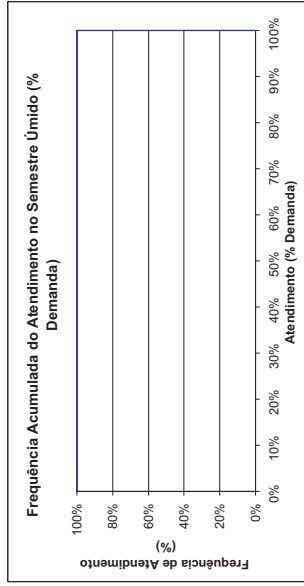
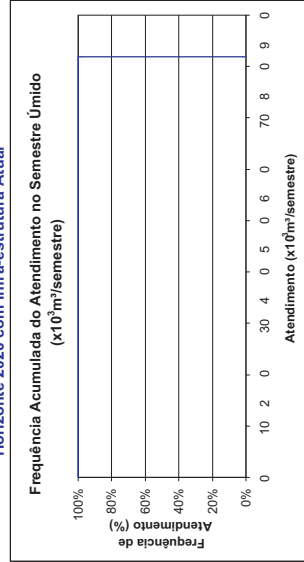
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	164.688	34%	164.688	34%
10%	164.688	34%	164.688	34%
20%	164.688	34%	164.688	34%
30%	164.688	34%	164.688	34%
40%	164.688	34%	164.688	34%
50%	164.688	34%	164.688	34%
60%	164.688	34%	164.688	34%
70%	164.688	34%	164.688	34%
80%	164.688	34%	164.688	34%
90%	164.688	34%	164.688	34%
100%	164.688	34%	164.688	34%
Atend. Médio	164.688	34%	164.688	34%
Atend. Mínimo	164.688	34%	164.688	34%
Freq. De Falha	100,00%		100,00%	
Demanda	482.604	x10³m³/semestre	31,03	l/s





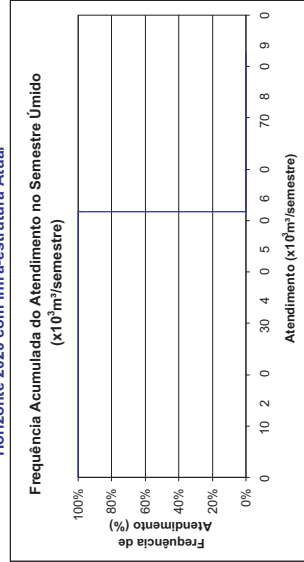
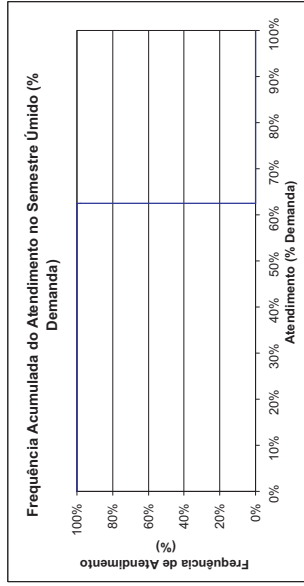
Pacoti
Demanda Humana Concentrada
MPA.PAO.01
 Horizonte 2020 com Infra-estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	81.954	100%	81.954	100%
10%	81.954	100%	81.954	100%
20%	81.954	100%	81.954	100%
30%	81.954	100%	81.954	100%
40%	81.954	100%	81.954	100%
50%	81.954	100%	81.954	100%
60%	81.954	100%	81.954	100%
70%	81.954	100%	81.954	100%
80%	81.954	100%	81.954	100%
90%	81.954	100%	81.954	100%
Atend. Médio	81.954	100%	81.954	100%
Atend. Mínimo	81.954	100%	81.954	100%
Demanda	81.954 x10 ³ m ³ /semestre		0.00%	
Freq. De Falha	5.27 /ls			

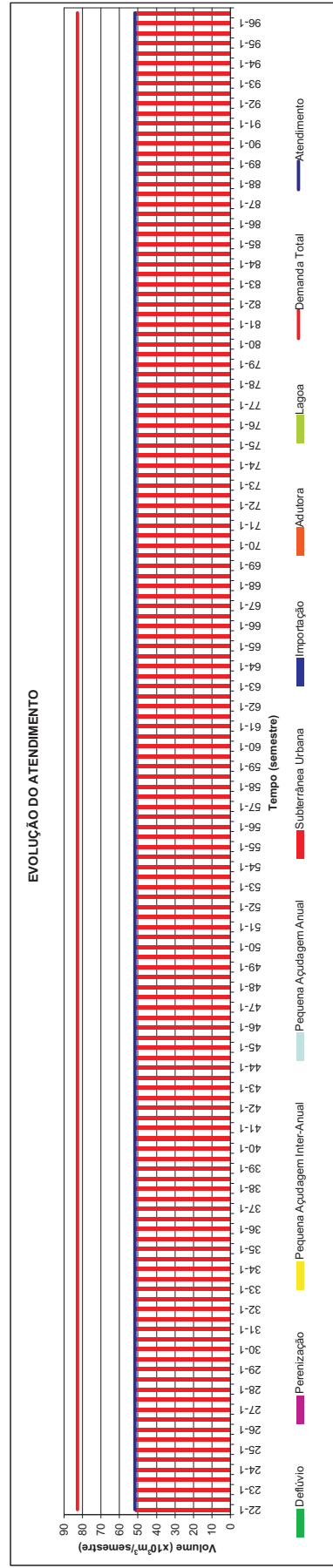
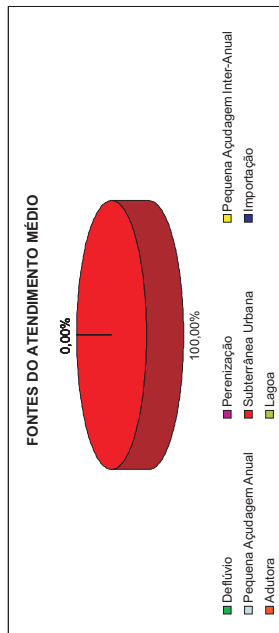
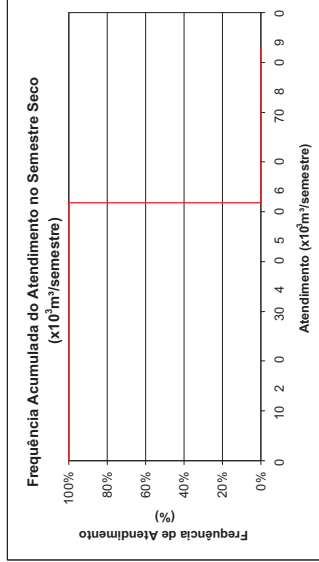
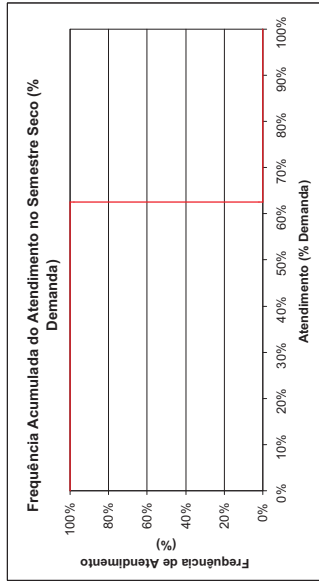




Palmácia
Demanda Humana Concentrada
MPA.PAM.03
 Horizonte 2020 com Infra-estrutura Atual



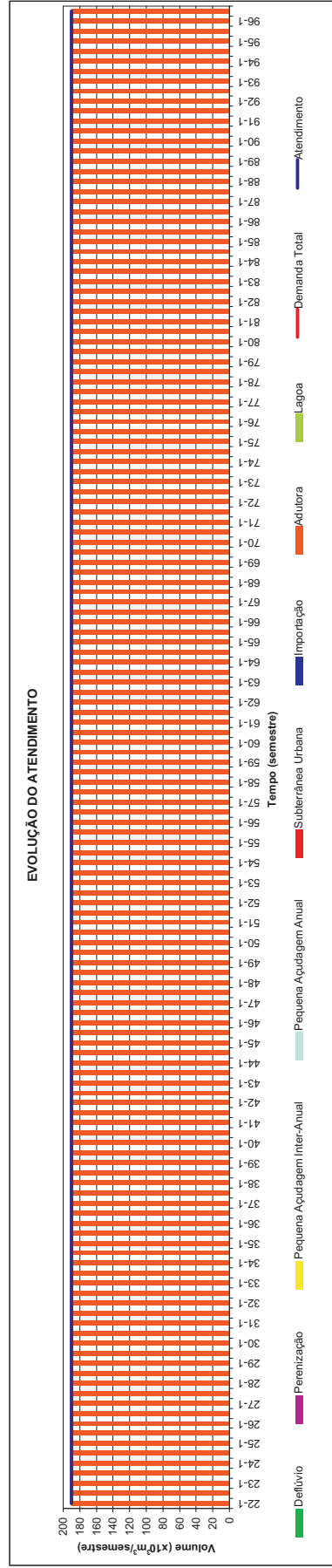
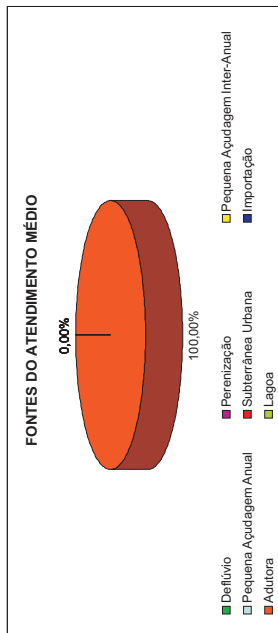
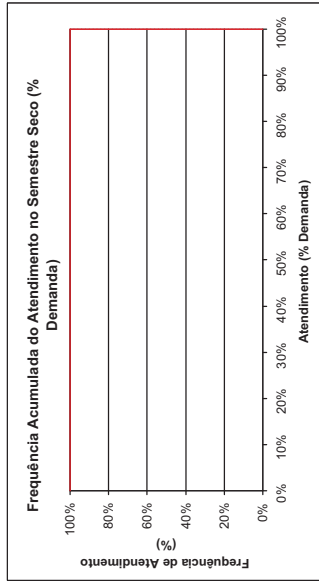
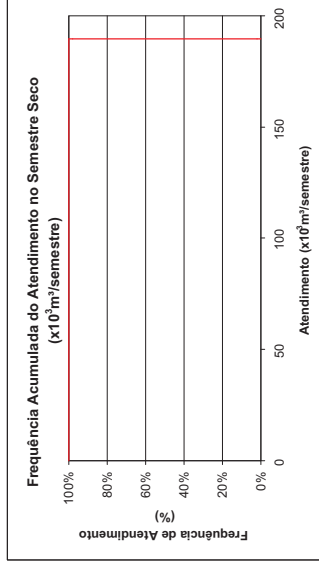
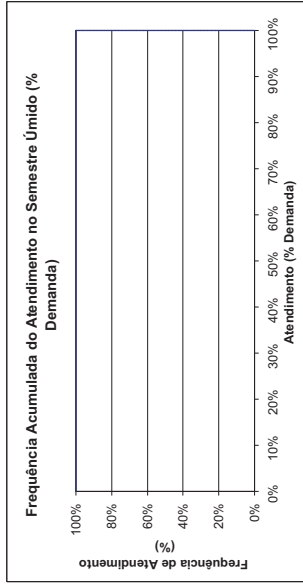
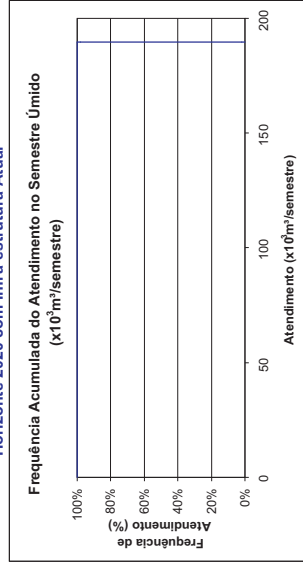
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10³m³/Semestre	% Demanda	x10³m³/Semestre	% Demanda
0%	51,788	63%	51,788	63%
10%	51,788	63%	51,788	63%
20%	51,788	63%	51,788	63%
30%	51,788	63%	51,788	63%
40%	51,788	63%	51,788	63%
50%	51,788	63%	51,788	63%
60%	51,788	63%	51,788	63%
70%	51,788	63%	51,788	63%
80%	51,788	63%	51,788	63%
90%	51,788	63%	51,788	63%
100%	51,788	63%	51,788	63%
Atend. Médio	51,788	63%	51,788	63%
Atend. Mínimo	51,788	63%	51,788	63%
Freq. De Falha	100,00%		100,00%	
Demanda	82.830 x10³m³/semestre		5.33 l/s	





Pindoretama
Demanda Humana Concentrada
MCF.PIN.00
 Horizonte 2020 com Infra-estrutura Atual

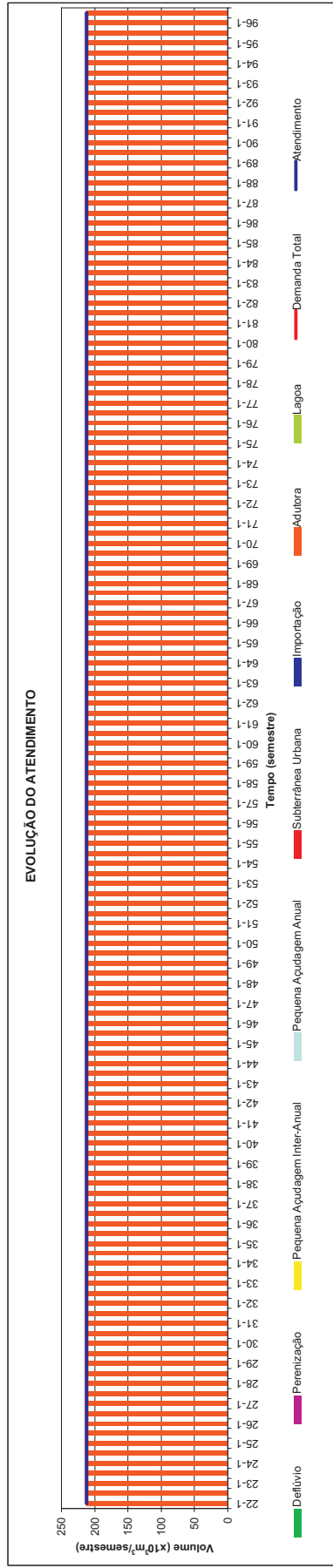
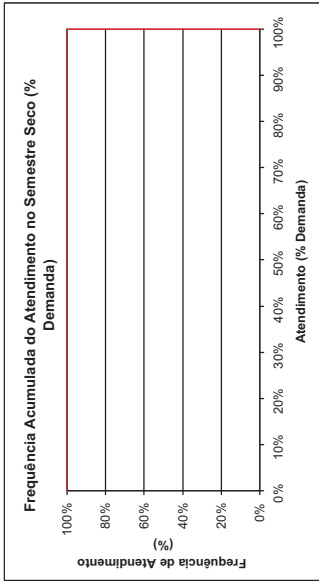
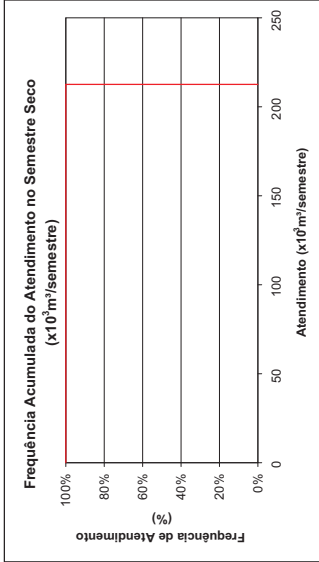
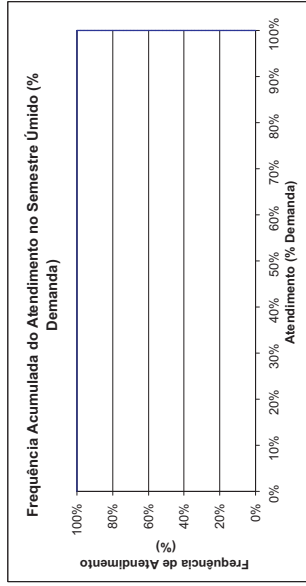
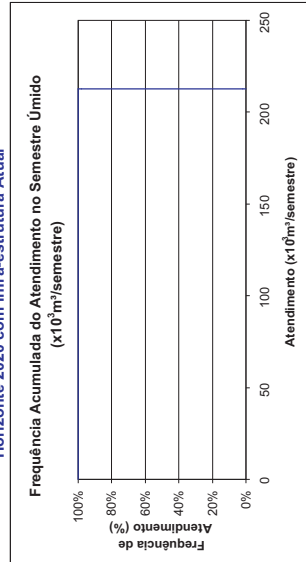
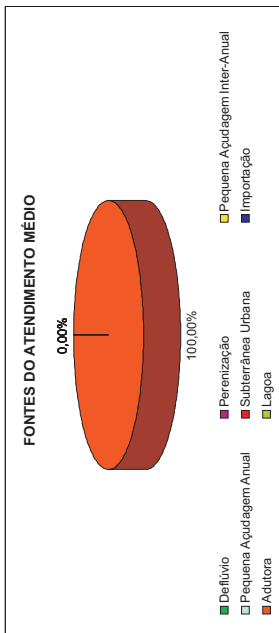
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	189.732	100%	189.732	100%
10%	189.732	100%	189.732	100%
20%	189.732	100%	189.732	100%
30%	189.732	100%	189.732	100%
40%	189.732	100%	189.732	100%
50%	189.732	100%	189.732	100%
60%	189.732	100%	189.732	100%
70%	189.732	100%	189.732	100%
80%	189.732	100%	189.732	100%
90%	189.732	100%	189.732	100%
100%	189.732	100%	189.732	100%
Atend. Médio	189.732	100%	189.732	100%
Atend. Mínimo	189.732	100%	189.732	100%
Freq. De Falha	0,00%		0,00%	
Demanda	189.732 x10³m³/semestre		12,20 l/s	





Redenção
Demanda Humana Concentrada
MPA.RED.02
 Horizonte 2020 com Infra-estrutura Atual

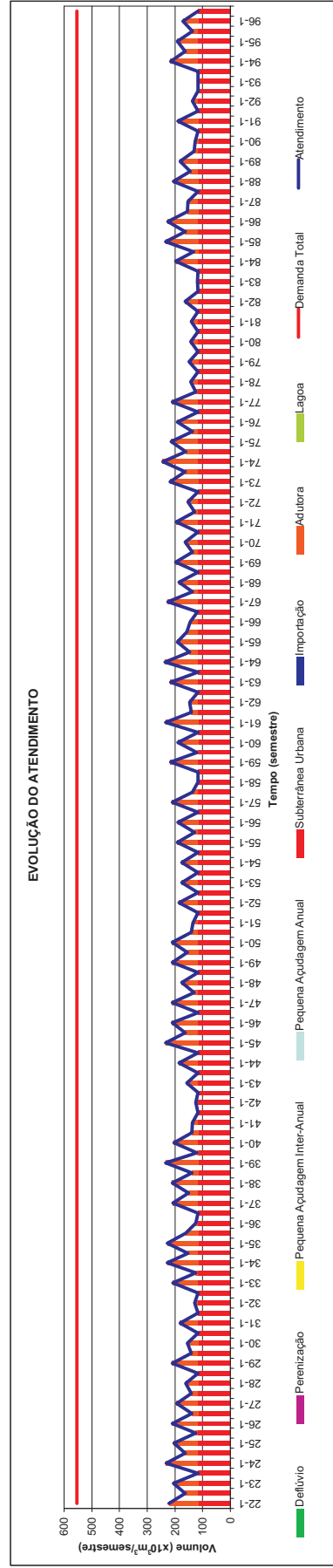
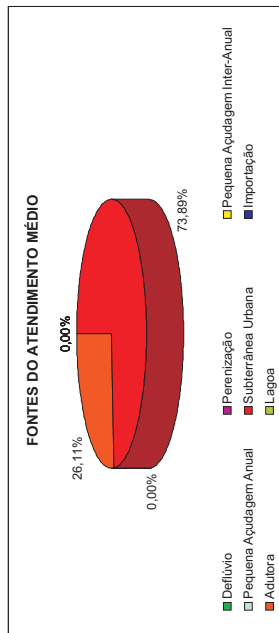
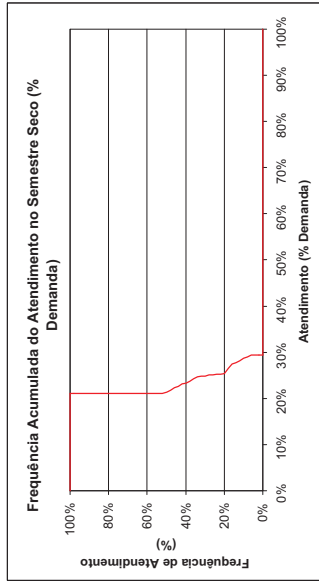
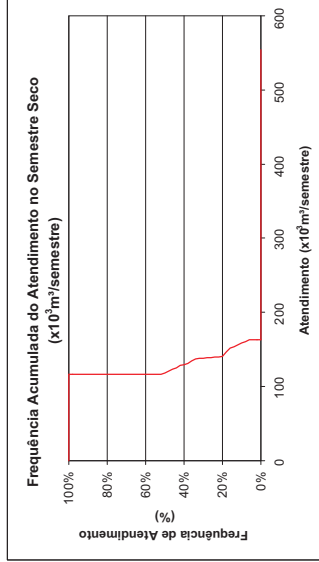
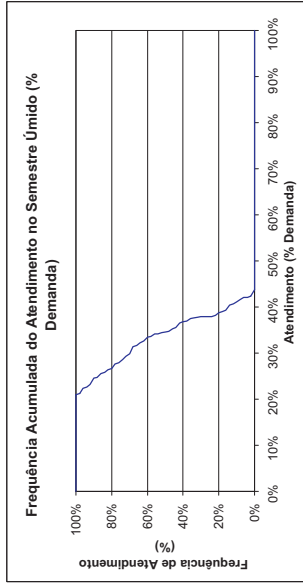
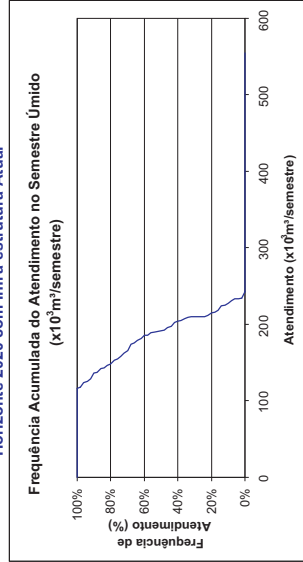
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	212,556	100%	212,556	100%
10%	212,556	100%	212,556	100%
20%	212,556	100%	212,556	100%
30%	212,556	100%	212,556	100%
40%	212,556	100%	212,556	100%
50%	212,556	100%	212,556	100%
60%	212,556	100%	212,556	100%
70%	212,556	100%	212,556	100%
80%	212,556	100%	212,556	100%
90%	212,556	100%	212,556	100%
100%	212,556	100%	212,556	100%
Atend. Médio	212,556	100%	212,556	100%
Atend. Mínimo	212,556	100%	212,556	100%
Freq. De Falha	0,00%		0,00%	
Demanda	212,556 x10³m³/semestre		13,67 l/s	



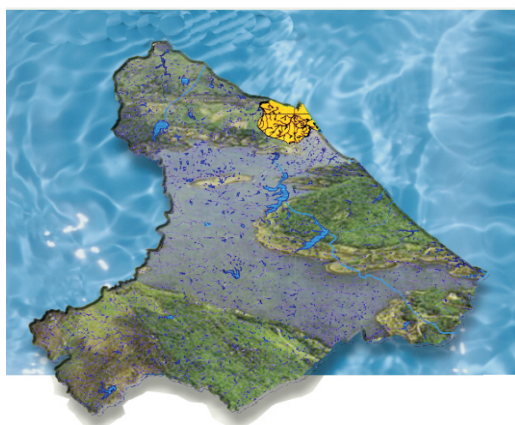


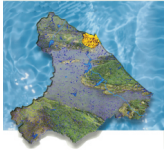
São Gonçalo do Amarante
Demanda Humana Concentrada
MSG.SGA.11
 Horizonte 2020 com Infra-estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ⁶ m ³ /Semestre	% Demanda	x10 ⁶ m ³ /Semestre	% Demanda
0%	242,086	44%	163,28	29%
10%	227,7496	41%	159,178	29%
20%	215,1314	39%	140,853	25%
30%	216,13768	38%	137,736	25%
40%	204,4482	37%	129,53	23%
50%	191,654	35%	118,381	21%
60%	185,3894	33%	116,64	21%
70%	165,3238	30%	116,64	21%
80%	148,1382	27%	116,64	21%
90%	136,4998	25%	116,64	21%
100%	116,64	21%	116,64	21%
Atend. Médio	191,654	35%	118,381	21%
Atend. Mínimo	116,64	21%	116,64	21%
Freq. De Falha	100,00%		100,00%	
Demanda	554,592	x10⁶m³/semestre	35,66	l/s



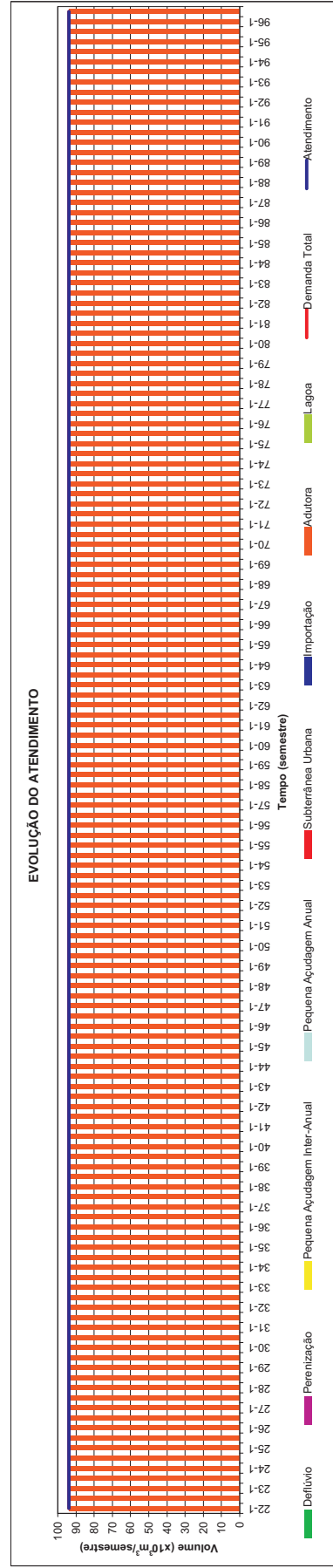
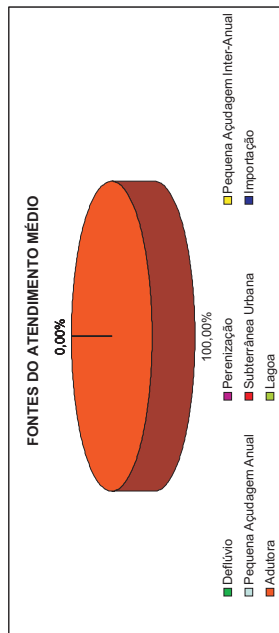
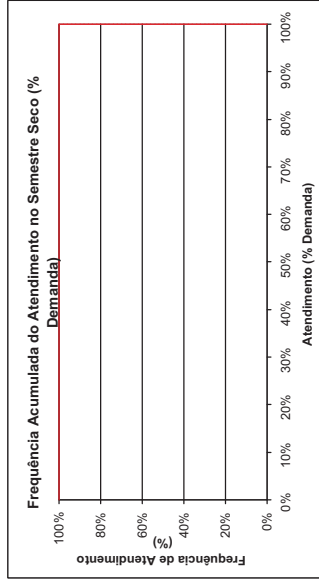
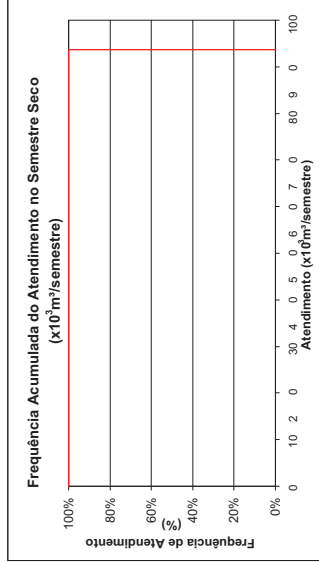
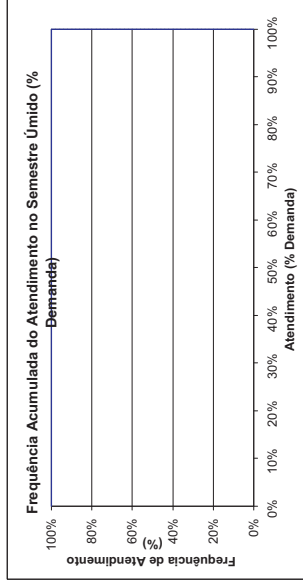
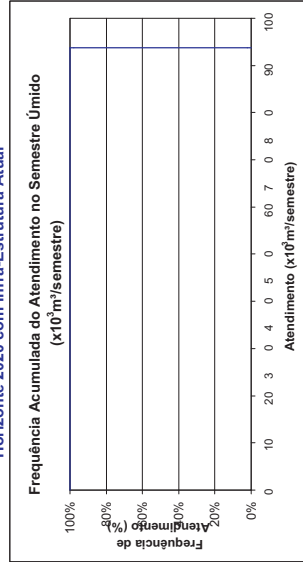
PLANO DE GERENCIAMENTO DAS ÁGUAS DAS BACIAS METROPOLITANAS





Água Verde
Demanda Humana Difusa
MPA.GUB.05
 Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE x10 ³ m ³ /Semestre	% Demanda	2º SEMESTRE x10 ³ m ³ /Semestre	% Demanda
0%	93.732	100%	93.732	100%
10%	93.732	100%	93.732	100%
20%	93.732	100%	93.732	100%
30%	93.732	100%	93.732	100%
40%	93.732	100%	93.732	100%
50%	93.732	100%	93.732	100%
60%	93.732	100%	93.732	100%
70%	93.732	100%	93.732	100%
80%	93.732	100%	93.732	100%
90%	93.732	100%	93.732	100%
100%	93.732	100%	93.732	100%
Atend. Médio	93.732	100%	93.732	100%
Freq. de Falha	93.732	100%	93.732	100%
Demanda	93.732	x10³m³/semestre	0.00%	6.03 l/s

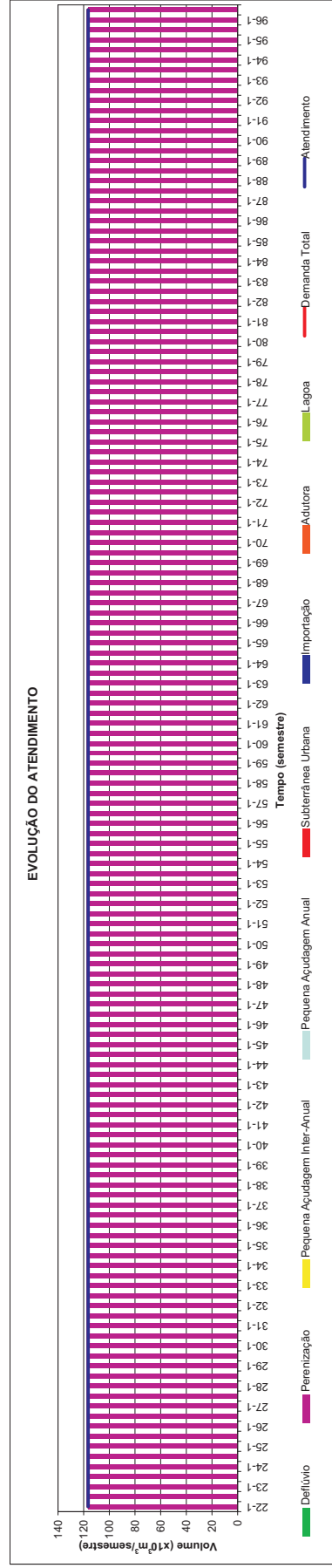
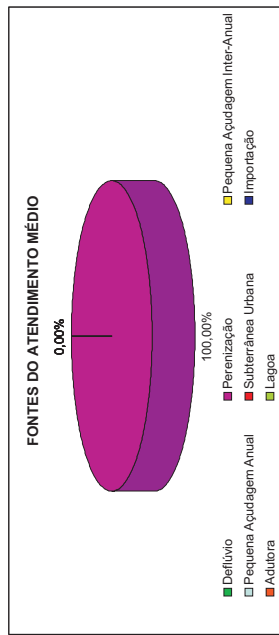
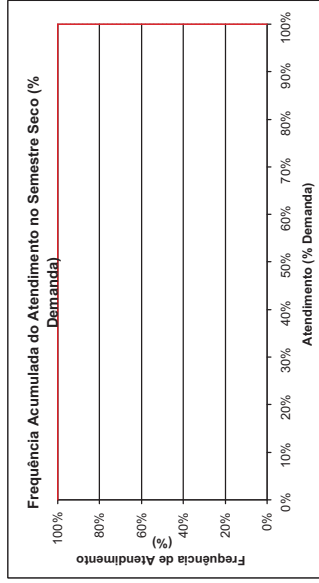
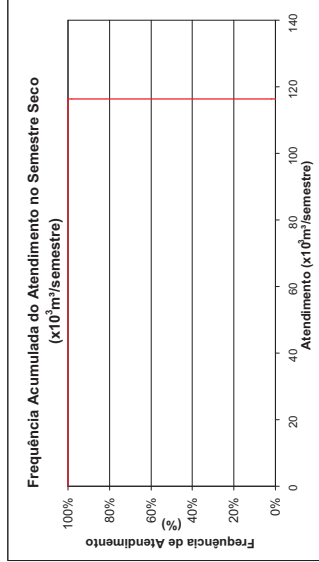
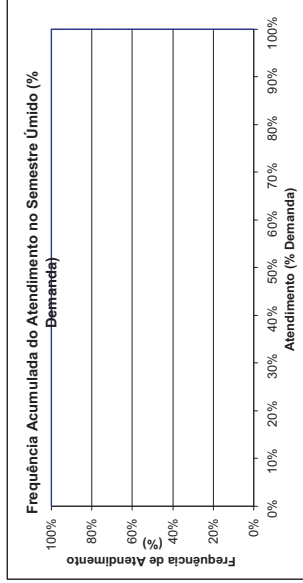
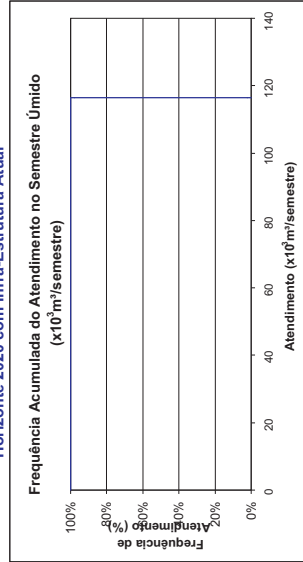




Amanari e São João do Amanari
Demanda Humana Difusa
MSG.MAN.06

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE x10 ³ m ³ /Semestre	% Demanda	2º SEMESTRE x10 ³ m ³ /Semestre	% Demanda
0%	116.412	100%	116.412	100%
10%	116.412	100%	116.412	100%
20%	116.412	100%	116.412	100%
30%	116.412	100%	116.412	100%
40%	116.412	100%	116.412	100%
50%	116.412	100%	116.412	100%
60%	116.412	100%	116.412	100%
70%	116.412	100%	116.412	100%
80%	116.412	100%	116.412	100%
90%	116.412	100%	116.412	100%
100%	116.412	100%	116.412	100%
Atend. Médio	116.412	100%	116.412	100%
Freq. de Falha	116.412	0,00%	116.412	0,00%
Demanda	116.412 x10³m³/semestre		7,49 l/s	

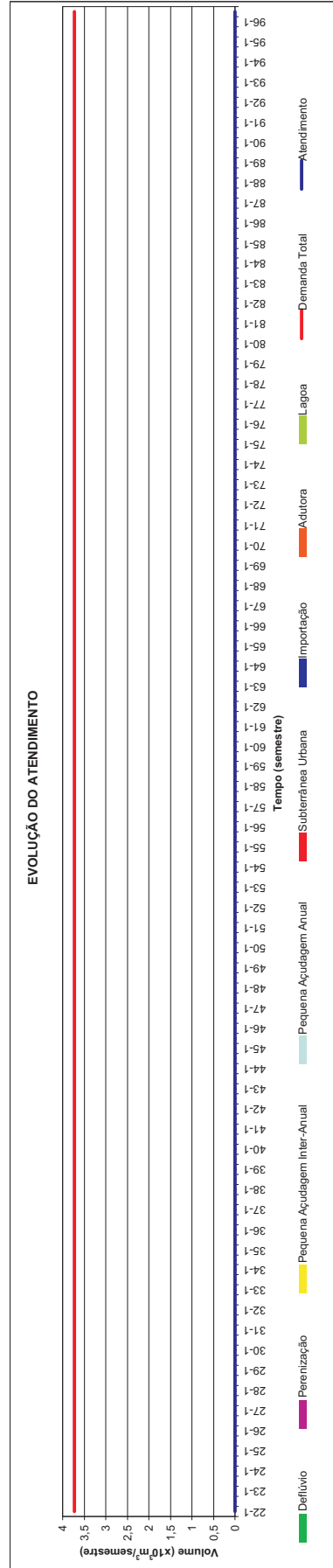
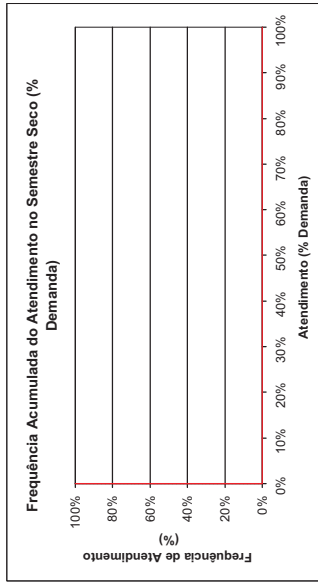
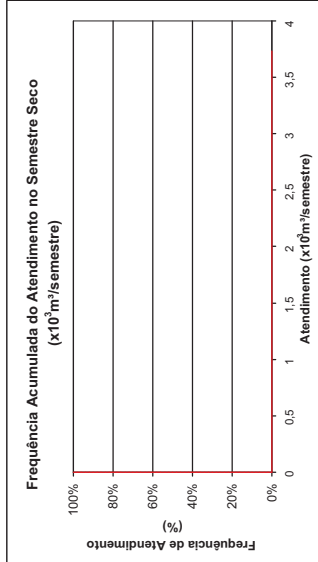
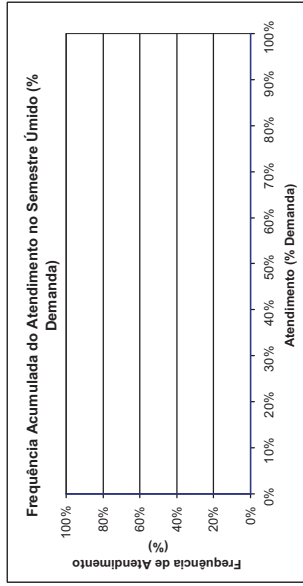
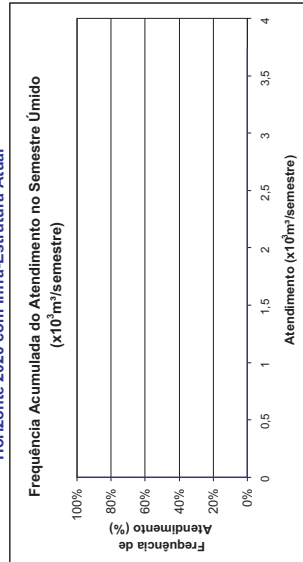




Aningás Demanda Humana Difusa MMZ.HOR.03

Horizonte 2020 com Infra-Estrutura Atual

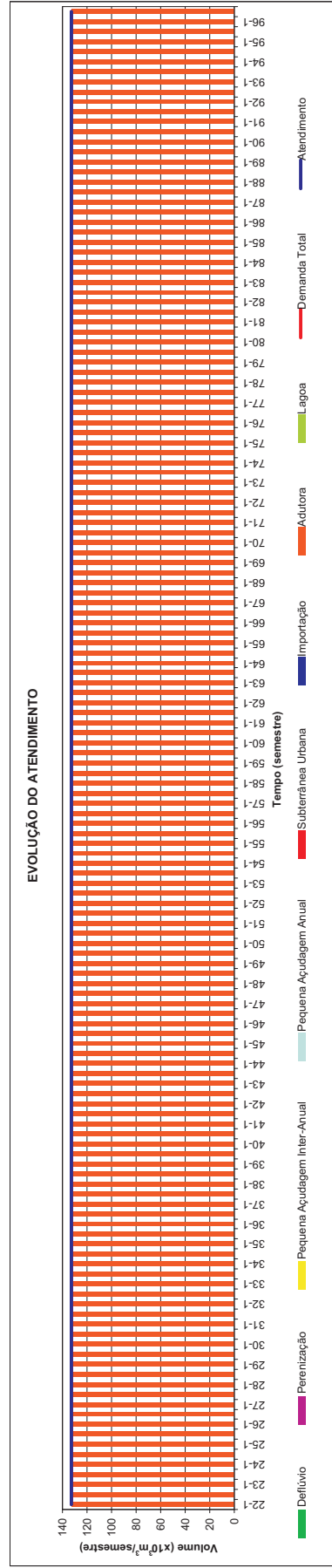
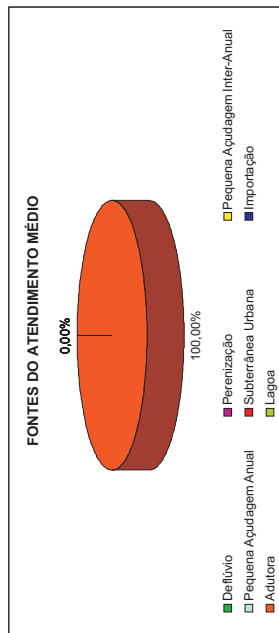
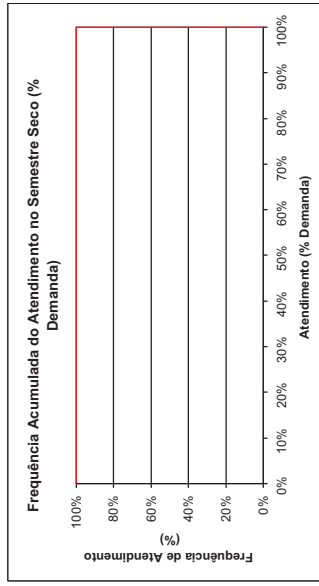
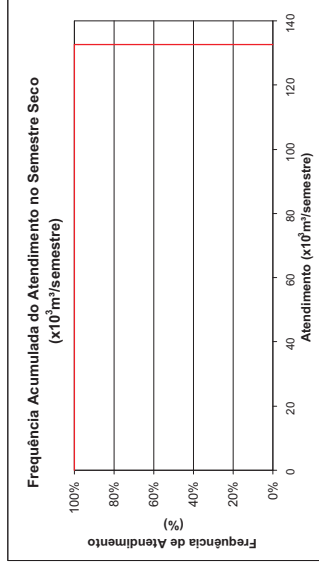
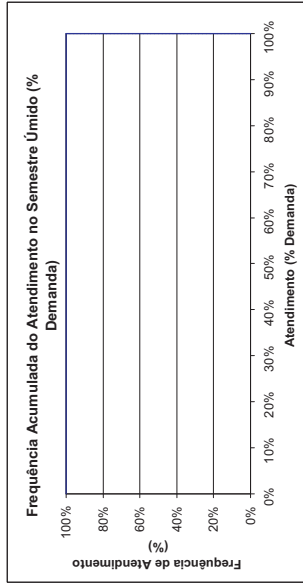
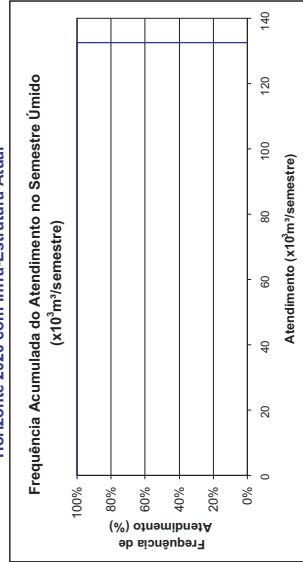
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE x10 ³ m ³ /Semestre	% Demanda	2º SEMESTRE x10 ³ m ³ /Semestre	% Demanda
0%	0	0%	0	0%
10%	0	0%	0	0%
20%	0	0%	0	0%
30%	0	0%	0	0%
40%	0	0%	0	0%
50%	0	0%	0	0%
60%	0	0%	0	0%
70%	0	0%	0	0%
80%	0	0%	0	0%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Médio	0	0%	0	0%
Freq. de Falha	0	0%	0	0%
Demanda	100,00%	3.732 x10³m³/semestre	100,00%	0,24 l/s





Antônio Diogo
Demanda Humana Difusa
MCH.RED.03
 Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE x10 ³ m ³ /Semestre	% Demanda	2º SEMESTRE x10 ³ m ³ /Semestre	% Demanda
0%	132.576	100%	132.576	100%
10%	132.576	100%	132.576	100%
20%	132.576	100%	132.576	100%
30%	132.576	100%	132.576	100%
40%	132.576	100%	132.576	100%
50%	132.576	100%	132.576	100%
60%	132.576	100%	132.576	100%
70%	132.576	100%	132.576	100%
80%	132.576	100%	132.576	100%
90%	132.576	100%	132.576	100%
100%	132.576	100%	132.576	100%
Atend. Médio	132.576	100%	132.576	100%
Freq. de Falha	0,00%		0,00%	
Demanda	132.576 x10³m³/semestre		8.52 l/s	

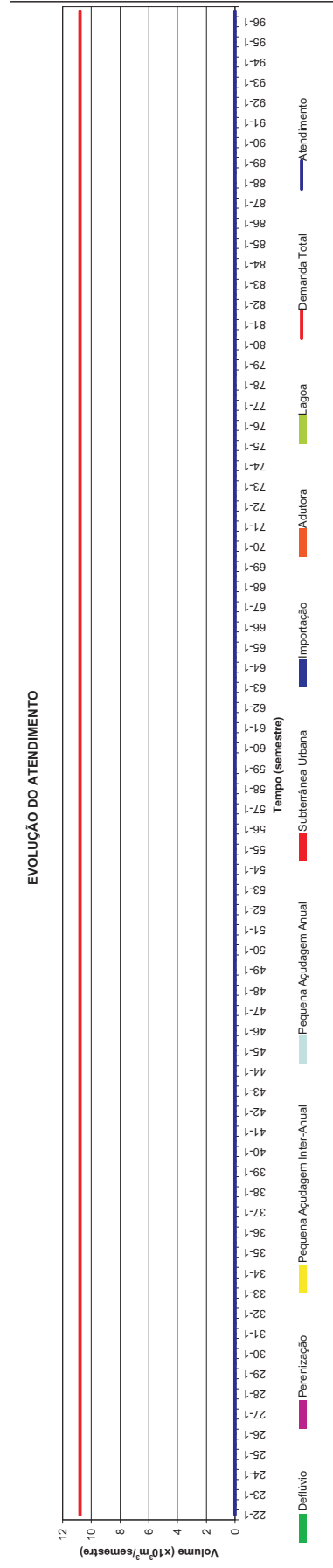
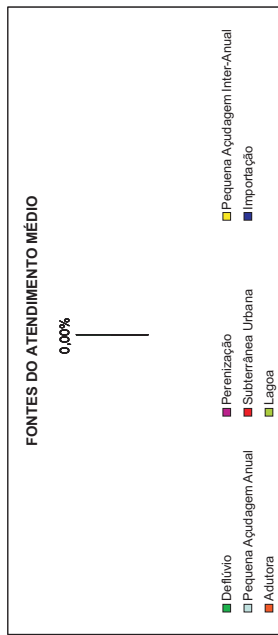
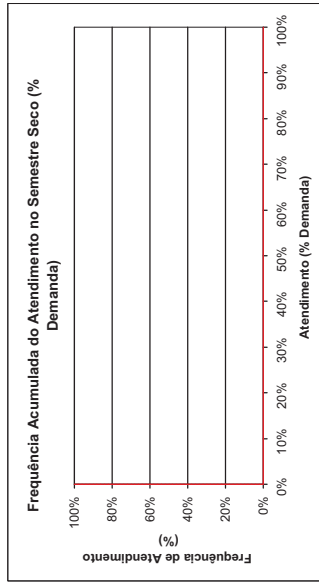
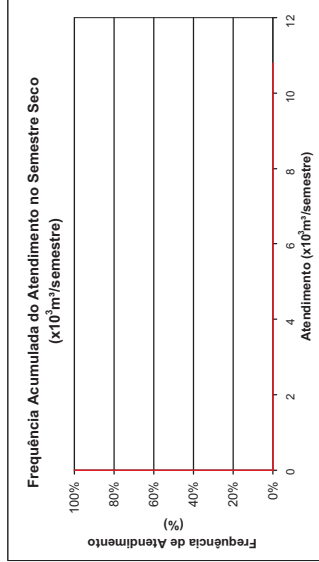
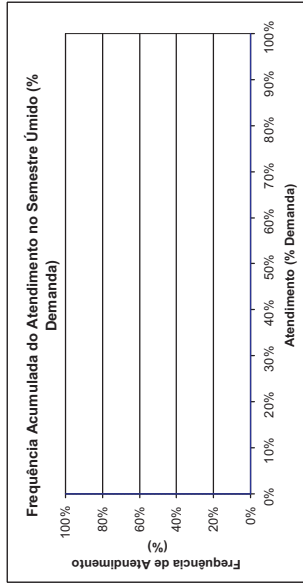
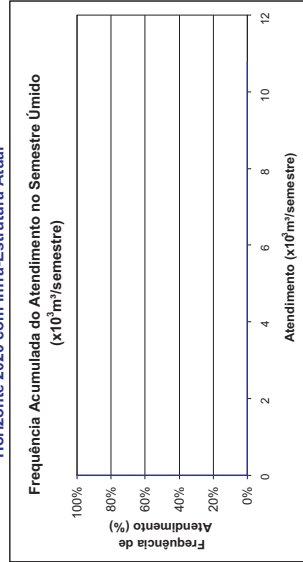




Antônio Marques
Demanda Humana Difusa
MSG.MAN.03

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	0	0%	0	0%
10%	0	0%	0	0%
20%	0	0%	0	0%
30%	0	0%	0	0%
40%	0	0%	0	0%
50%	0	0%	0	0%
60%	0	0%	0	0%
70%	0	0%	0	0%
80%	0	0%	0	0%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Médio	0	0%	0	0%
Freq. de Falha	0	0%	0	0%
Demanda	10.788	x10³m³/semestre	100,00%	0,69 l/s





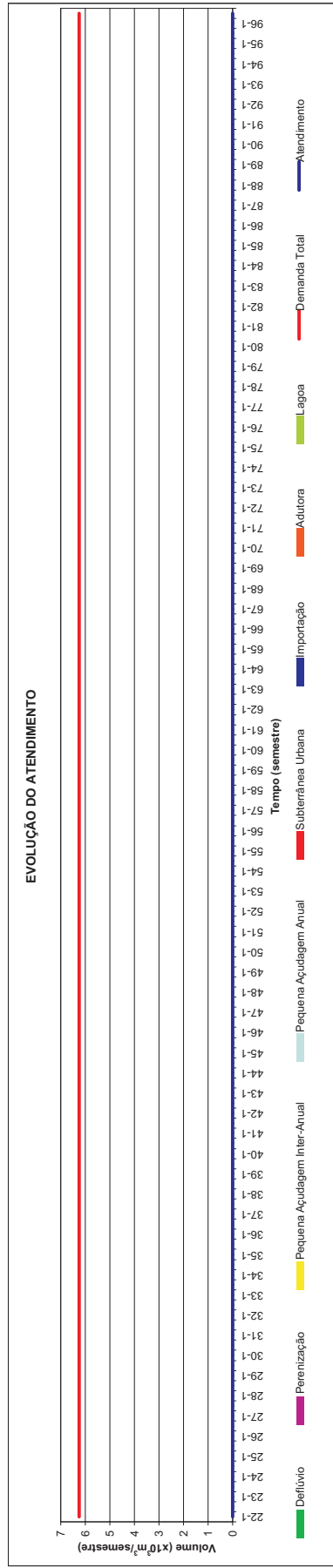
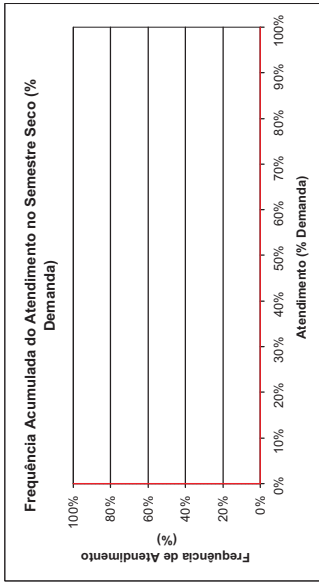
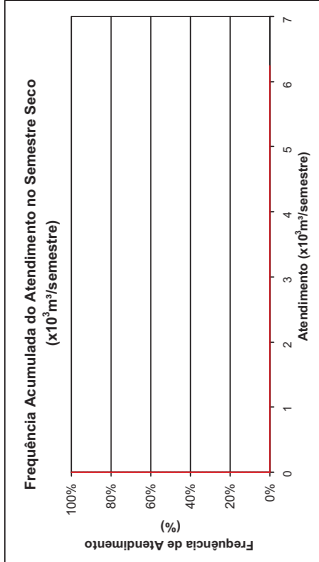
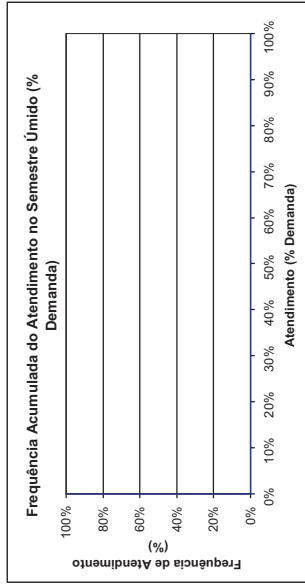
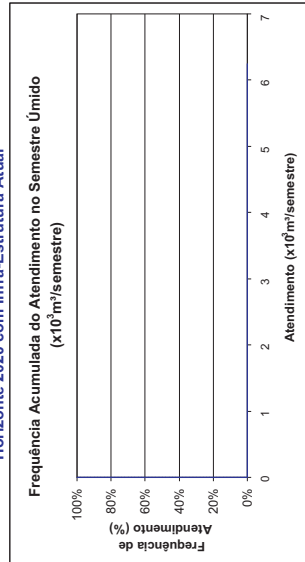
Plano de Gerenciamento das Águas das Bacias Metropolitanas



Arisco dos Marianos Demanda Humana Difusa MPI.OCA.09

Horizonte 2020 com Infra-Estrutura Atual

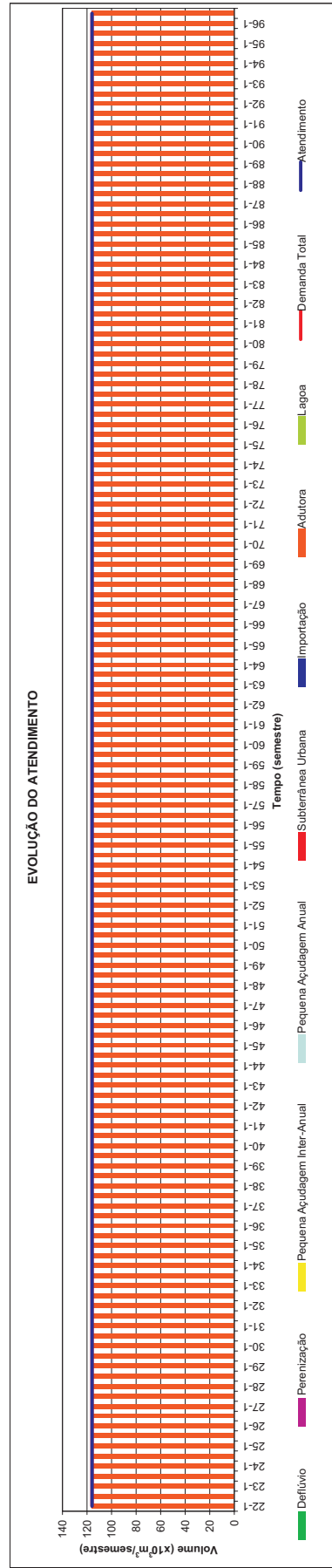
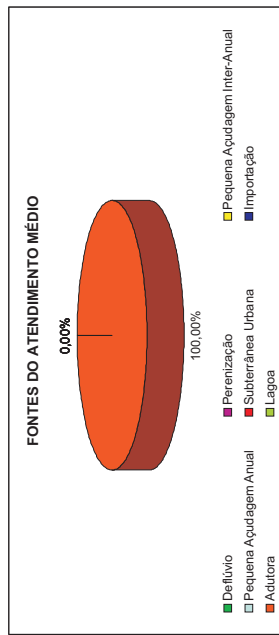
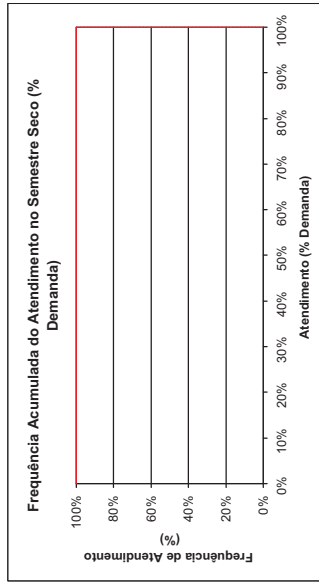
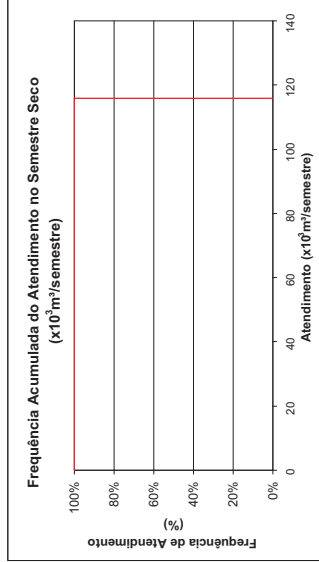
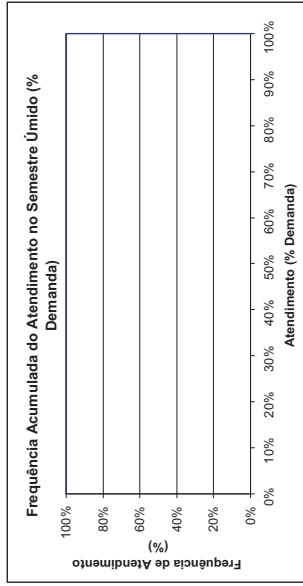
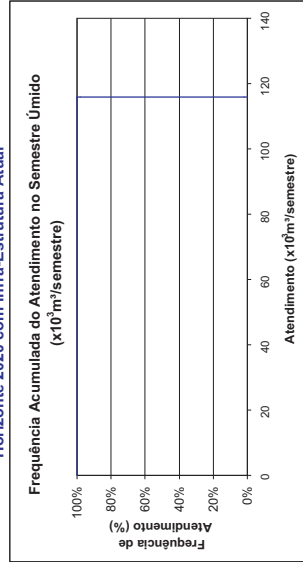
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	0	0%	0	0%
10%	0	0%	0	0%
20%	0	0%	0	0%
30%	0	0%	0	0%
40%	0	0%	0	0%
50%	0	0%	0	0%
60%	0	0%	0	0%
70%	0	0%	0	0%
80%	0	0%	0	0%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Médio	0	0%	0	0%
Freq. de Falha	0	0%	0	0%
Demanda	100,00%	6.246 x10³m³/semestre	100,00%	0,49 l/s





Araruama
Demanda Humana Difusa
MPLIMON.17
 Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE x10 ³ m ³ /Semestre	% Demanda	2º SEMESTRE x10 ³ m ³ /Semestre	% Demanda
0%	115.872	100%	115.872	100%
10%	115.872	100%	115.872	100%
20%	115.872	100%	115.872	100%
30%	115.872	100%	115.872	100%
40%	115.872	100%	115.872	100%
50%	115.872	100%	115.872	100%
60%	115.872	100%	115.872	100%
70%	115.872	100%	115.872	100%
80%	115.872	100%	115.872	100%
90%	115.872	100%	115.872	100%
100%	115.872	100%	115.872	100%
Atend. Médio	115.872	100%	115.872	100%
Freq. de Falha	115.872	0,00%	115.872	0,00%
Demanda	115.872 x10³m³/semestre		7,45 l/s	





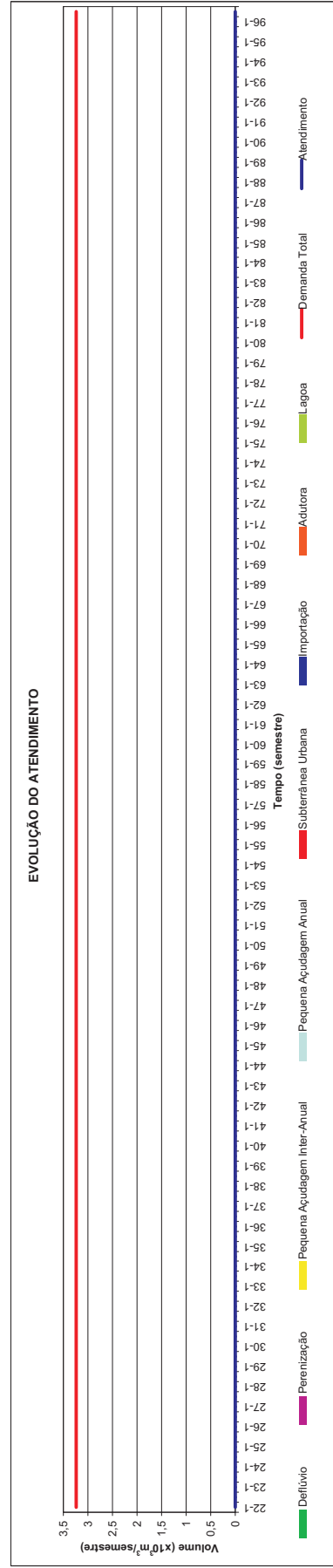
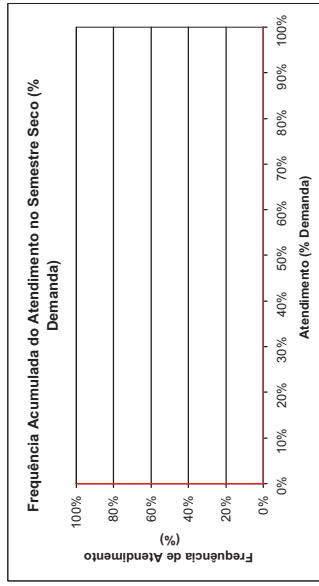
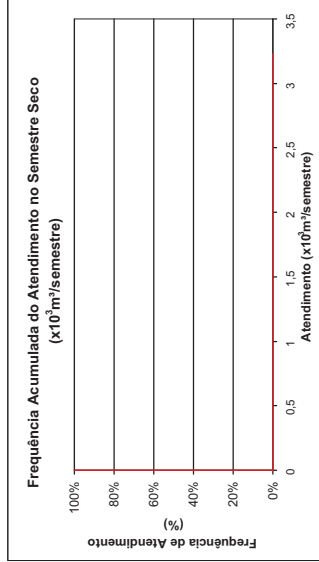
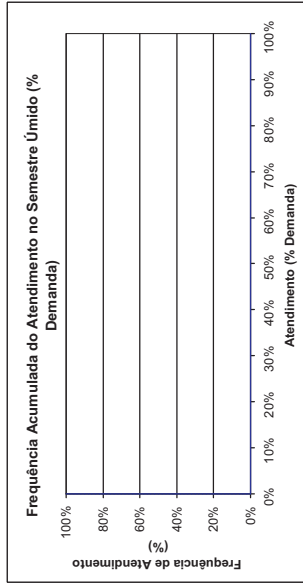
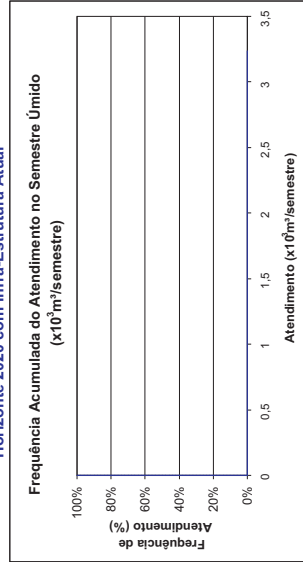
Plano de Gerenciamento das Águas das Bacias Metropolitanas



Barbada Demanda Humana Difusa MCH.CHR.19

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	0	0%	0	0%
10%	0	0%	0	0%
20%	0	0%	0	0%
30%	0	0%	0	0%
40%	0	0%	0	0%
50%	0	0%	0	0%
60%	0	0%	0	0%
70%	0	0%	0	0%
80%	0	0%	0	0%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Médio	0	0%	0	0%
Freq. de Falha	0	0%	0	0%
Demanda	100,00%	3.234 x10³m³/semestre	100,00%	0.21 l/s

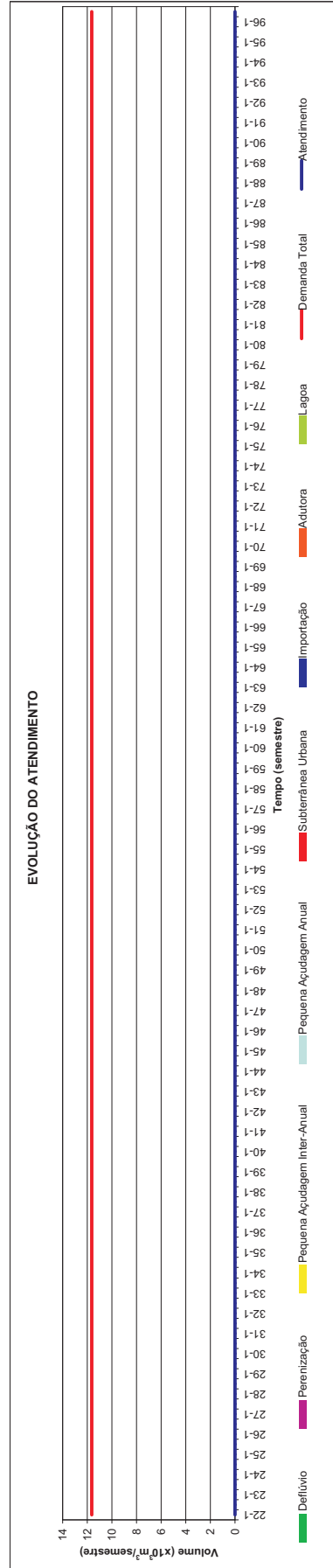
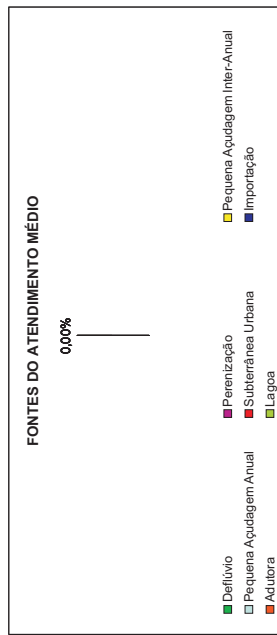
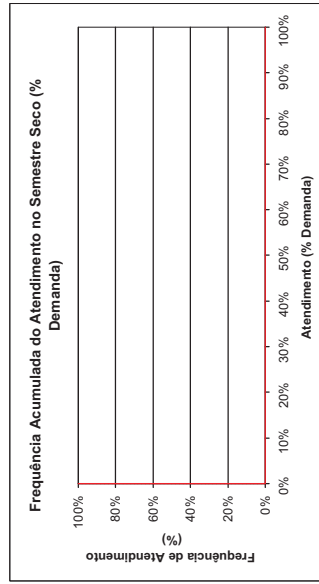
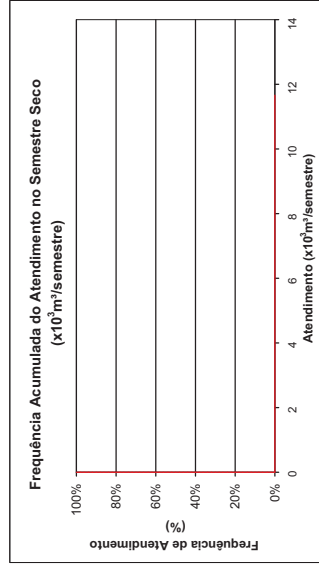
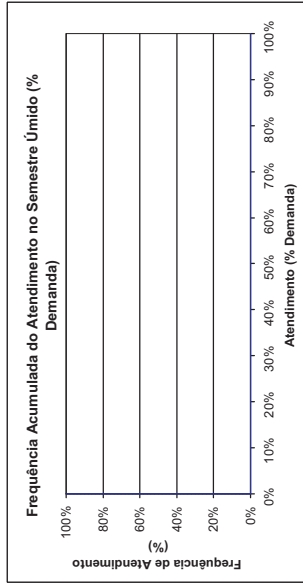
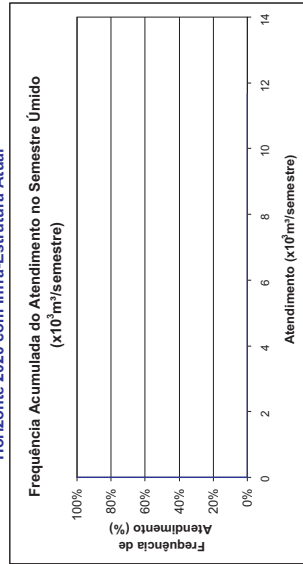




Boa Água Demanda Humana Difusa MPLIMON.06

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	0	0%	0	0%
10%	0	0%	0	0%
20%	0	0%	0	0%
30%	0	0%	0	0%
40%	0	0%	0	0%
50%	0	0%	0	0%
60%	0	0%	0	0%
70%	0	0%	0	0%
80%	0	0%	0	0%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Médio	0	0%	0	0%
Freq. de Falha	0	0%	0	0%
Demanda	11.658	x10³m³/semestre	100.00%	100.00%
				0.75 l/s

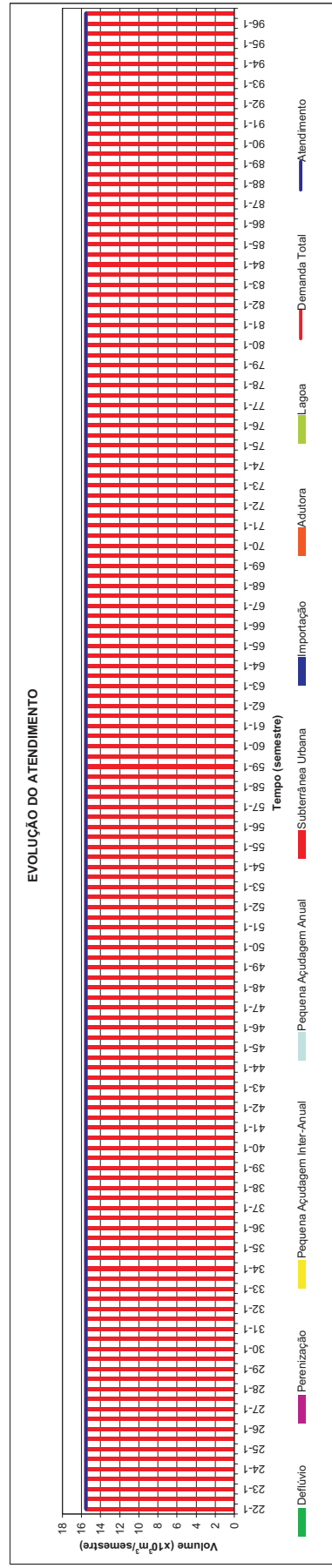
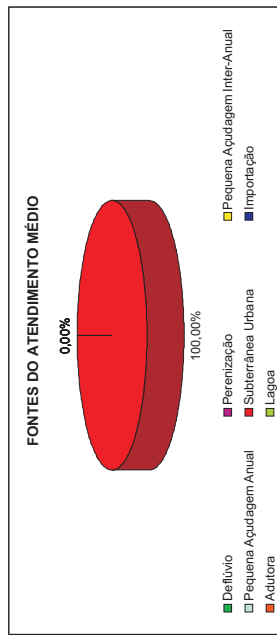
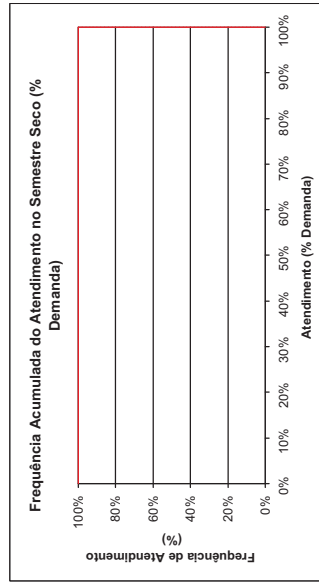
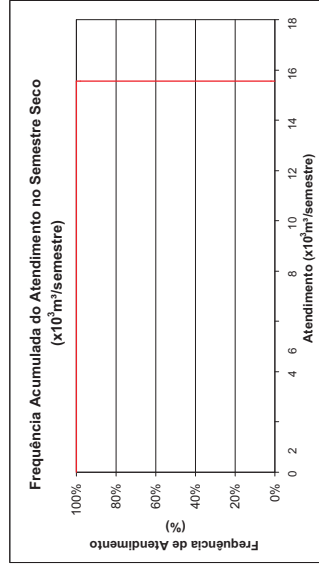
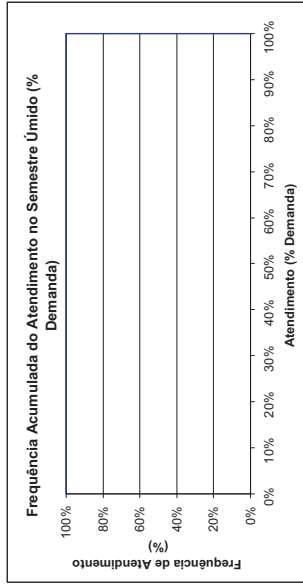
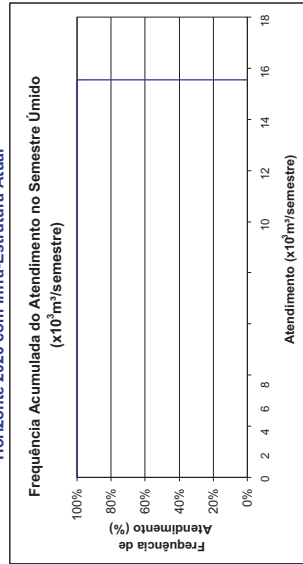




Boa Vista
Demanda Humana Difusa
MCH.BAT.01

Horizonte 2020 com Infra-Estrutura Atual

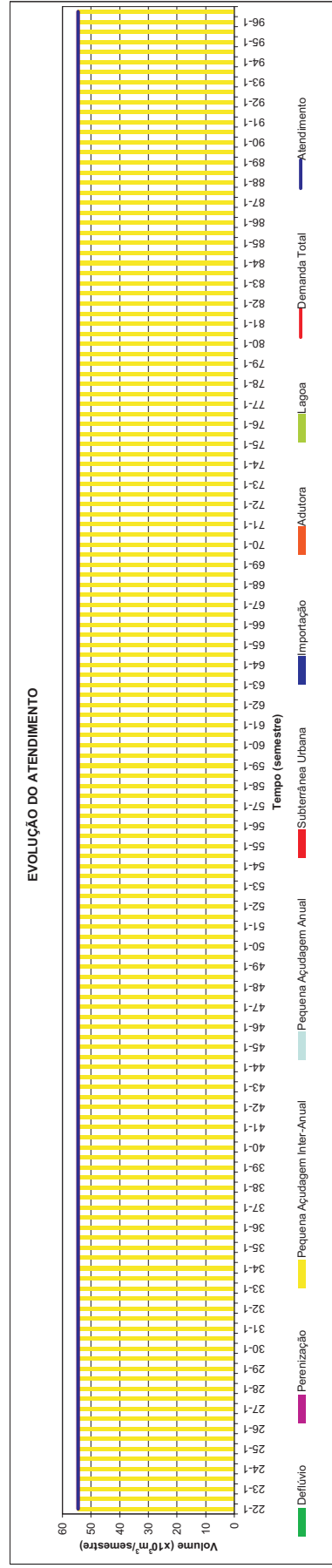
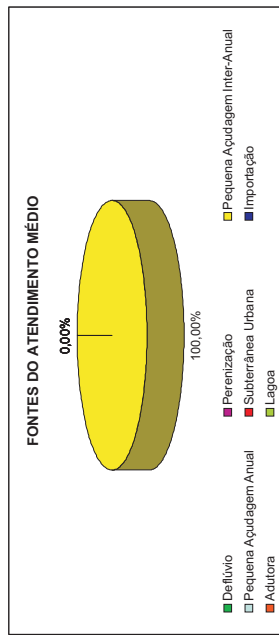
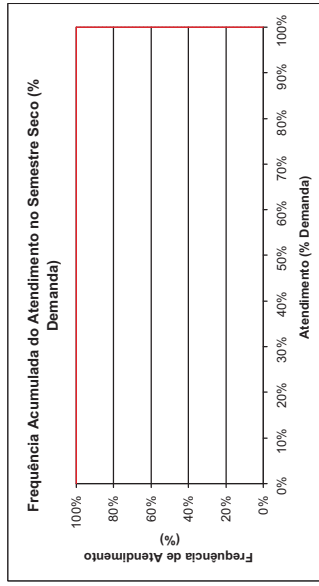
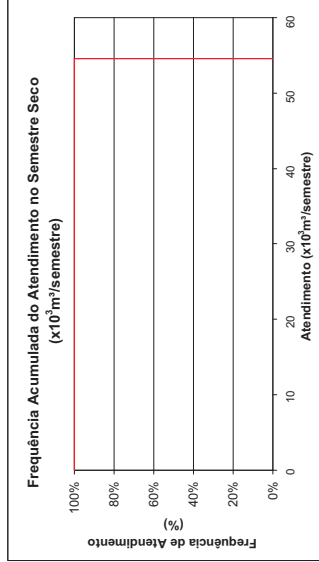
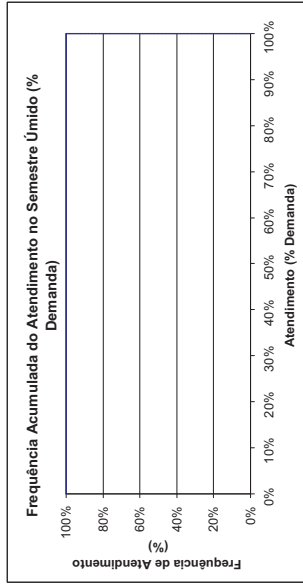
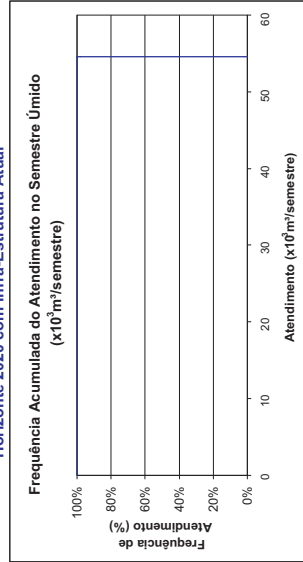
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	15.552	100%	15.552	100%
10%	15.552	100%	15.552	100%
20%	15.552	100%	15.552	100%
30%	15.552	100%	15.552	100%
40%	15.552	100%	15.552	100%
50%	15.552	100%	15.552	100%
60%	15.552	100%	15.552	100%
70%	15.552	100%	15.552	100%
80%	15.552	100%	15.552	100%
90%	15.552	100%	15.552	100%
100%	15.552	100%	15.552	100%
Atend. Médio	15.552	100%	15.552	100%
Freq. de Falha	0,00%		0,00%	
Demanda	15.552 x10³m³/semestre		1.00 l/s	





Bom Princípio
Demanda Humana Difusa
MCE.CAC.02
 Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE x10 ³ m ³ /Semestre	% Demanda	2º SEMESTRE x10 ³ m ³ /Semestre	% Demanda
0%	54,6	100%	54,6	100%
10%	54,6	100%	54,6	100%
20%	54,6	100%	54,6	100%
30%	54,6	100%	54,6	100%
40%	54,6	100%	54,6	100%
50%	54,6	100%	54,6	100%
60%	54,6	100%	54,6	100%
70%	54,6	100%	54,6	100%
80%	54,6	100%	54,6	100%
90%	54,6	100%	54,6	100%
100%	54,6	100%	54,6	100%
Atend. Médio	54,6	100%	54,6	100%
Freq. de Falha	54,6	100%	54,6	100%
Demanda	54.600	x10³m³/semestre	3.51	l/s



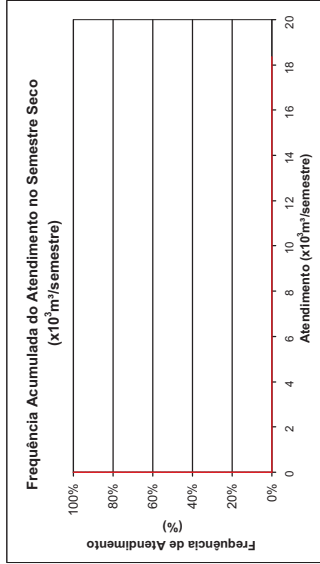
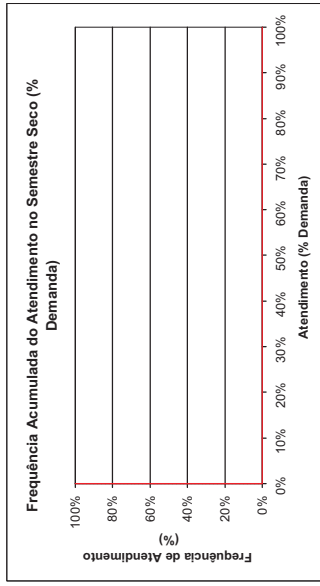
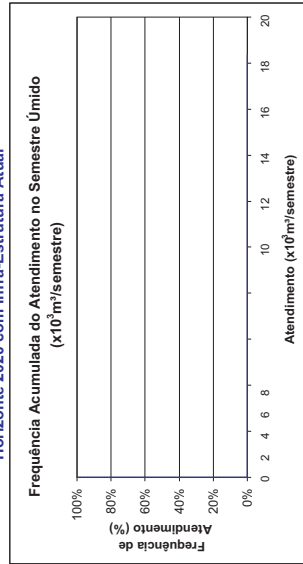
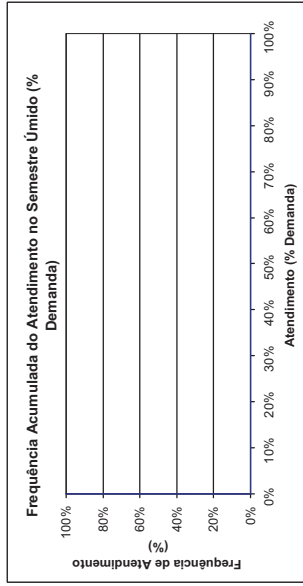


Plano de Gerenciamento das Águas das Bacias Metropolitanas

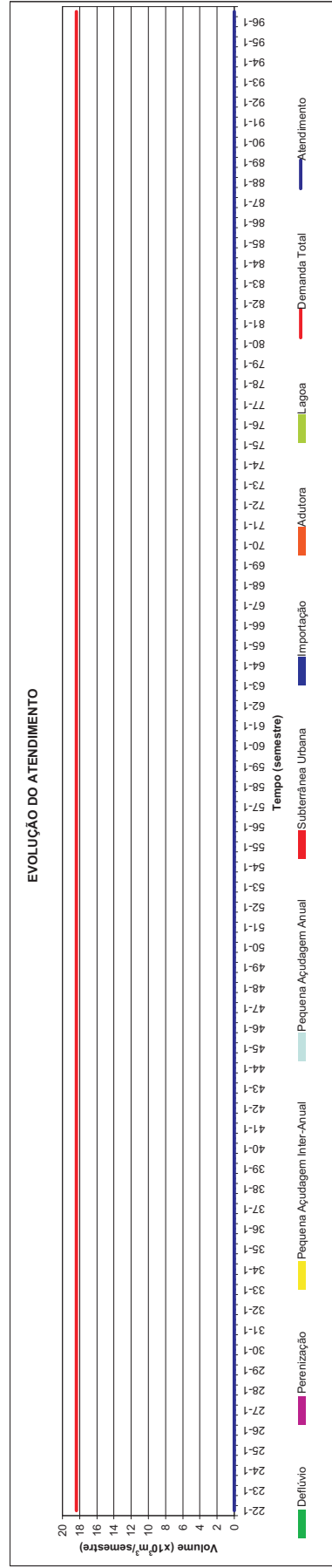
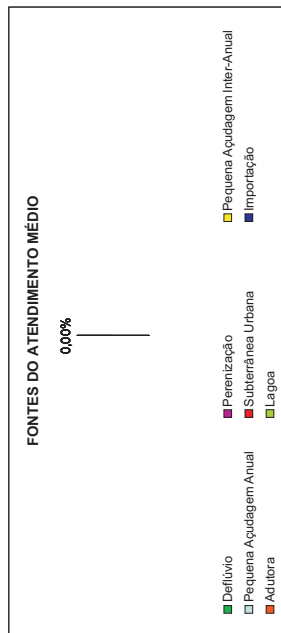


Cachoeira Demanda Humana Difusa MPA.MAN.08

Horizonte 2020 com Infra-Estrutura Atual



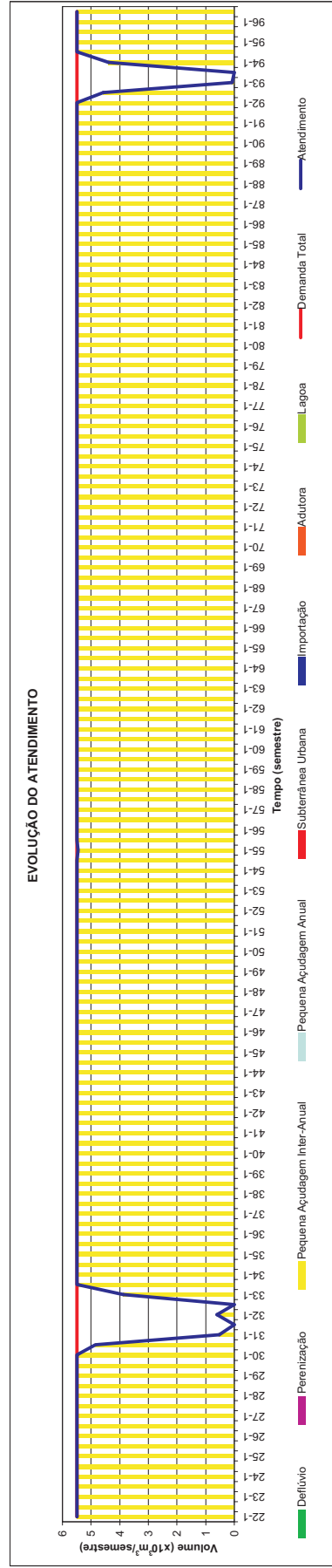
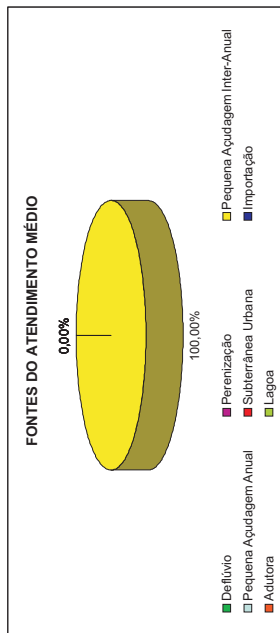
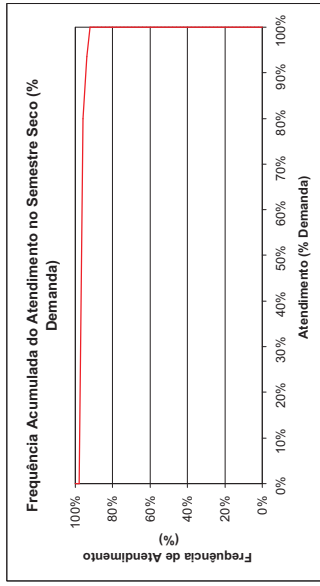
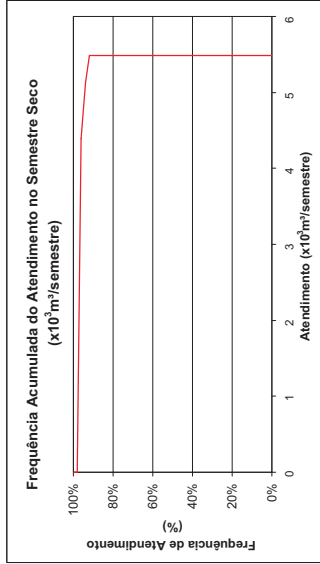
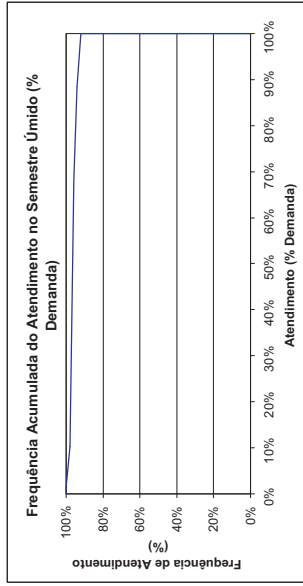
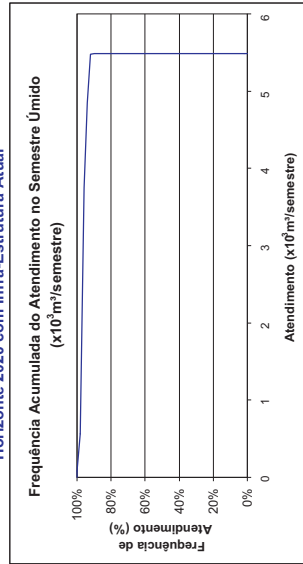
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	0	0%	0	0%
10%	0	0%	0	0%
20%	0	0%	0	0%
30%	0	0%	0	0%
40%	0	0%	0	0%
50%	0	0%	0	0%
60%	0	0%	0	0%
70%	0	0%	0	0%
80%	0	0%	0	0%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Médio	0	0%	0	0%
Freq. de Falha	0	0%	0	0%
Demanda	100,00%		100,00%	
	18.366	x10³m³/semestre	1.18	l/s





Caiçarina
Demanda Humana Difusa
MCH.CHR.04
 Horizonte 2020 com Infra-Estrutura Atual

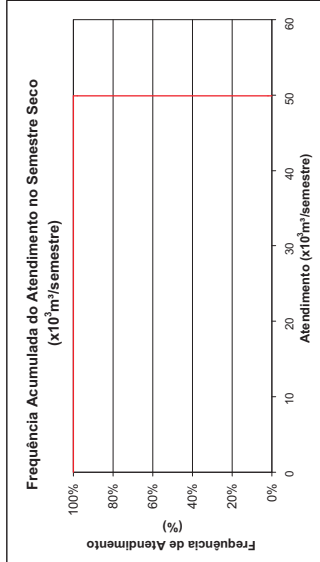
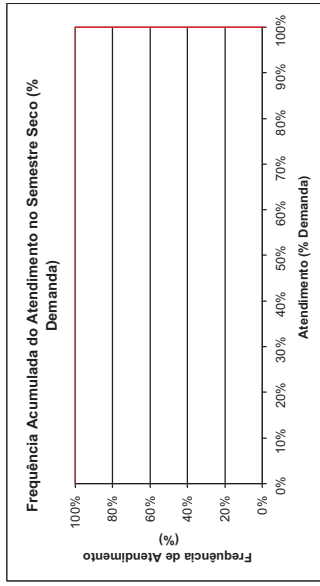
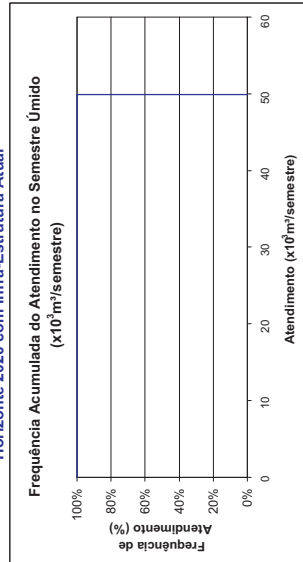
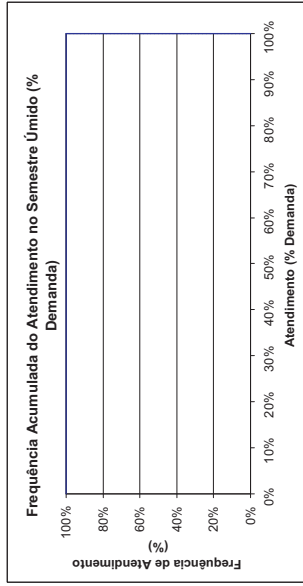
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	5.484	100%	5.484	100%
10%	5.484	100%	5.484	100%
20%	5.484	100%	5.484	100%
30%	5.484	100%	5.484	100%
40%	5.484	100%	5.484	100%
50%	5.484	100%	5.484	100%
60%	5.484	100%	5.484	100%
70%	5.484	100%	5.484	100%
80%	5.484	100%	5.484	100%
90%	5.484	100%	5.484	100%
100%	0,081	1%	0	0%
Atend. Médio	5.484	100%	5.484	100%
Freq. de Falha	0,081	1%	0	0%
Demanda	8,00%	5,484 x10³m³/semestre	6,67%	0,35 l/s



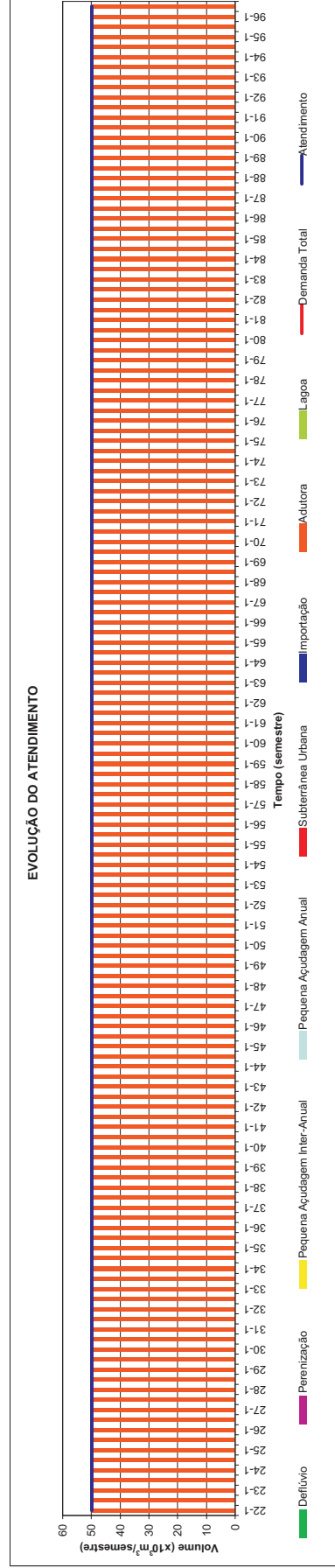
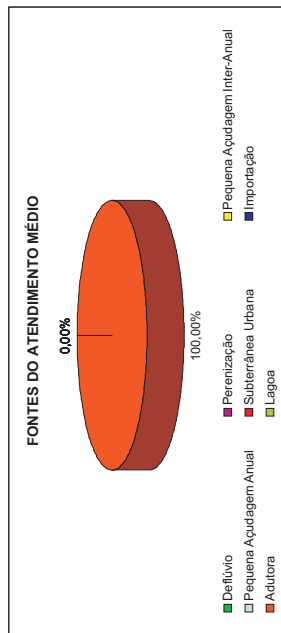


Caio Prado
Demanda Humana Difusa
MCH.IJU.03

Horizonte 2020 com Infra-Estrutura Atual

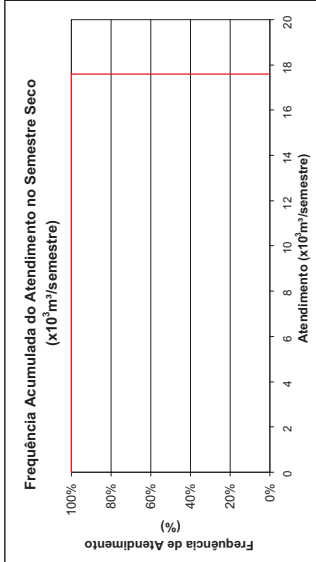
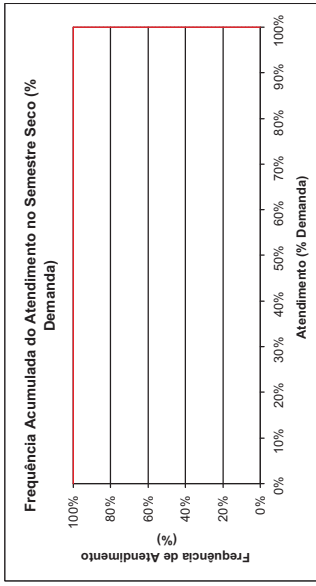
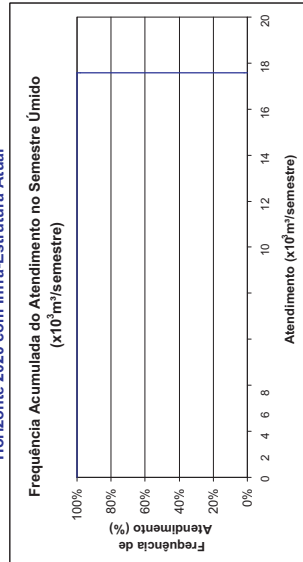
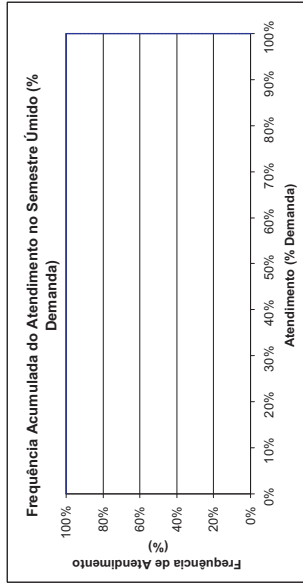


FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	49.866	100%	49.866	100%
10%	49.866	100%	49.866	100%
20%	49.866	100%	49.866	100%
30%	49.866	100%	49.866	100%
40%	49.866	100%	49.866	100%
50%	49.866	100%	49.866	100%
60%	49.866	100%	49.866	100%
70%	49.866	100%	49.866	100%
80%	49.866	100%	49.866	100%
90%	49.866	100%	49.866	100%
100%	49.866	100%	49.866	100%
Atend. Médio	49.866	100%	49.866	100%
Freq. de Falha	49.866	100%	49.866	100%
Demanda	49.866	x10³ m³/semestre	0,00%	3,21 l/s

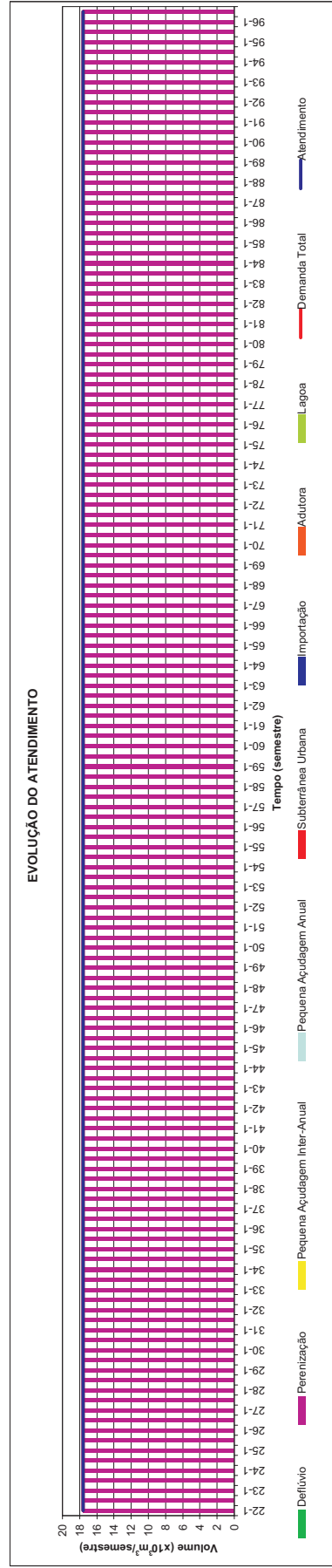
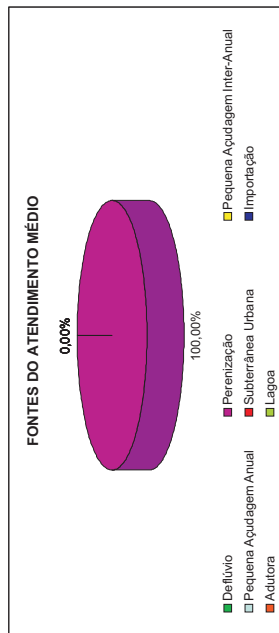




Califórnia
Demanda Humana Difusa
MCH.QUI.06
 Horizonte 2020 com Infra-Estrutura Atual

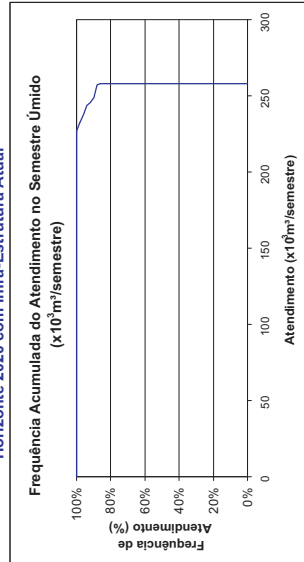
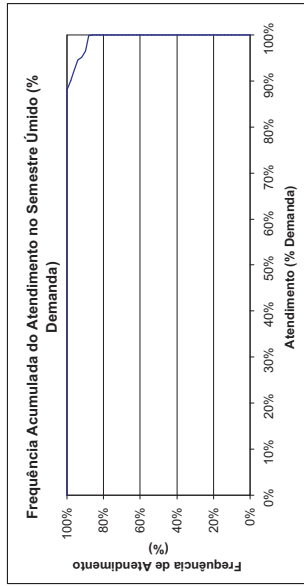


FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE x10³m³/Semestre	% Demanda	2º SEMESTRE x10³m³/Semestre	% Demanda
0%	17.586	100%	17.586	100%
10%	17.586	100%	17.586	100%
20%	17.586	100%	17.586	100%
30%	17.586	100%	17.586	100%
40%	17.586	100%	17.586	100%
50%	17.586	100%	17.586	100%
60%	17.586	100%	17.586	100%
70%	17.586	100%	17.586	100%
80%	17.586	100%	17.586	100%
90%	17.586	100%	17.586	100%
100%	17.586	100%	17.586	100%
Atend. Médio	17.586	100%	17.586	100%
Freq. de Falha	0,00%		0,00%	
Demanda	17.586	x10³m³/semestre	1.13	l/s

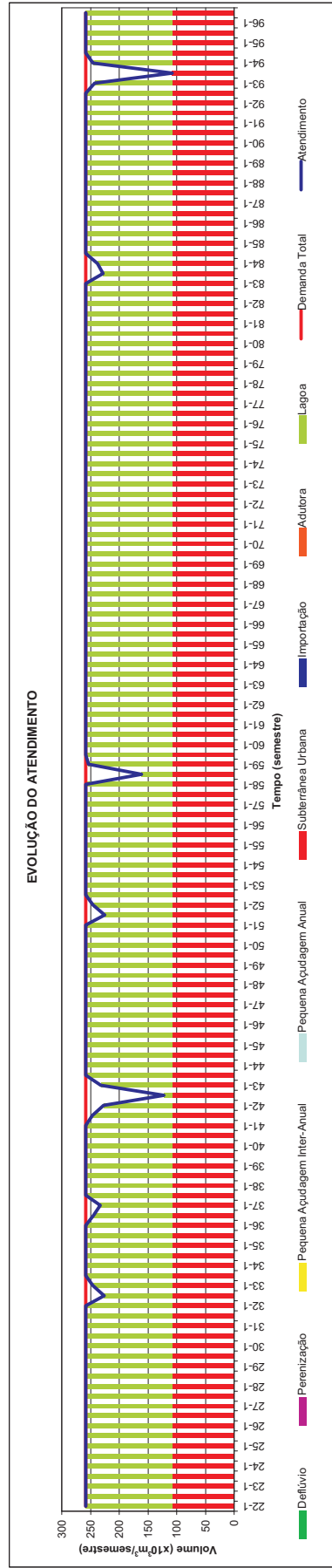
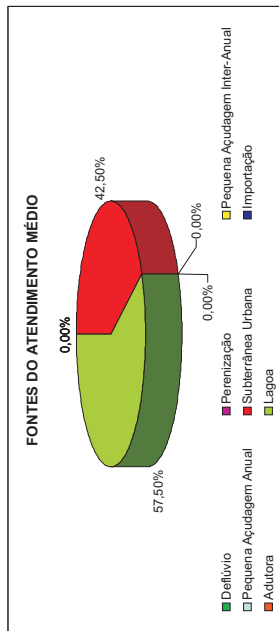
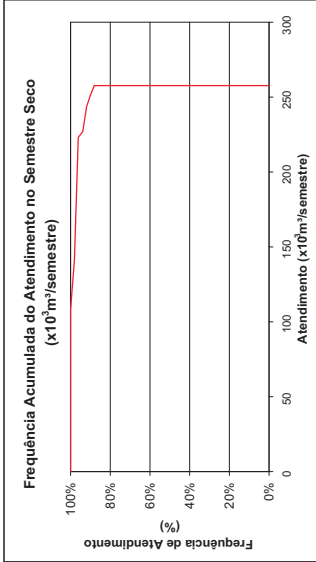
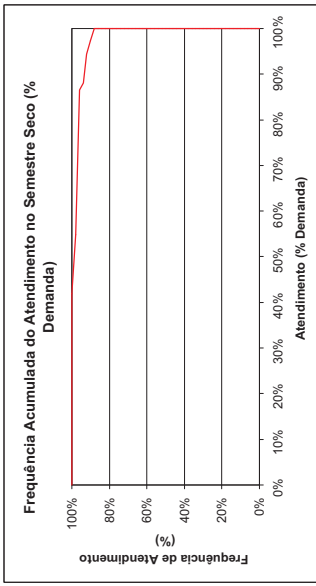




Camará
Demanda Humana Difusa
MCC.AQU.01
 Horizonte 2020 com Infra-Estrutura Atual

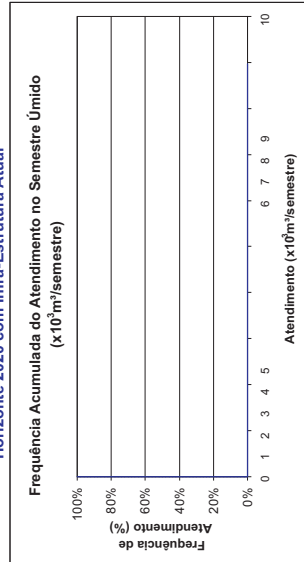
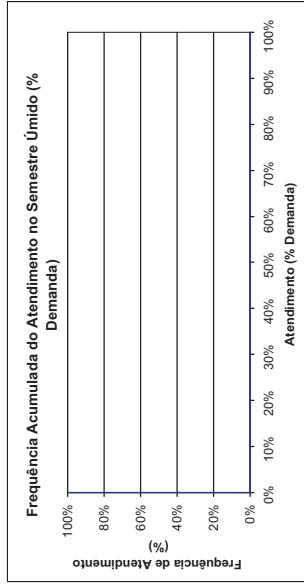


FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ⁶ m ³ /Semestre	% Demanda	x10 ⁶ m ³ /Semestre	% Demanda
0%	257,874	100%	257,874	100%
10%	257,874	100%	257,874	100%
20%	257,874	100%	257,874	100%
30%	257,874	100%	257,874	100%
40%	257,874	100%	257,874	100%
50%	257,874	100%	257,874	100%
60%	257,874	100%	257,874	100%
70%	257,874	100%	257,874	100%
80%	257,874	100%	257,874	100%
90%	248,752	96%	251,102	97%
100%	227,078	88%	108,133	42%
Atend. Médio	257,874	100%	257,874	100%
Freq. de Falha	227,078	88%	108,133	42%
Demanda	257,874	x10⁶m³/semestre	10,67%	16,58 l/s

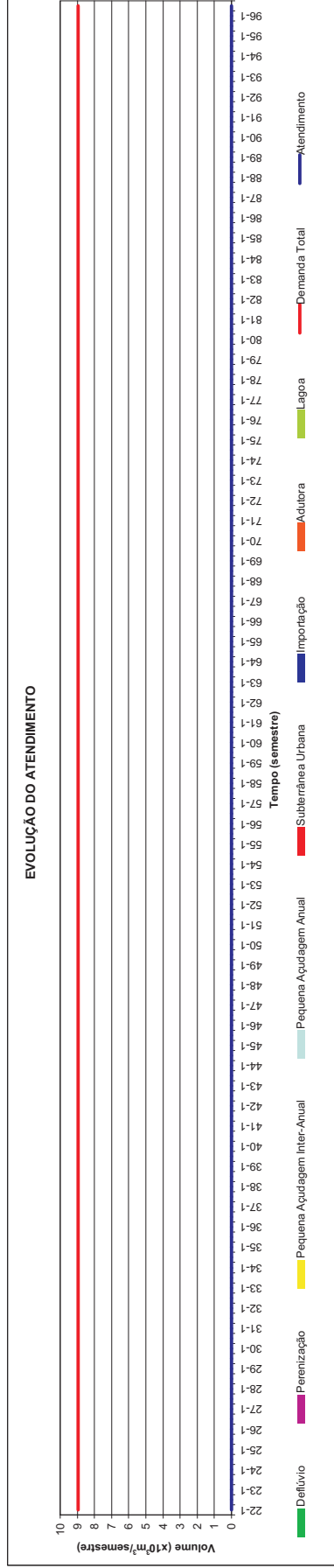
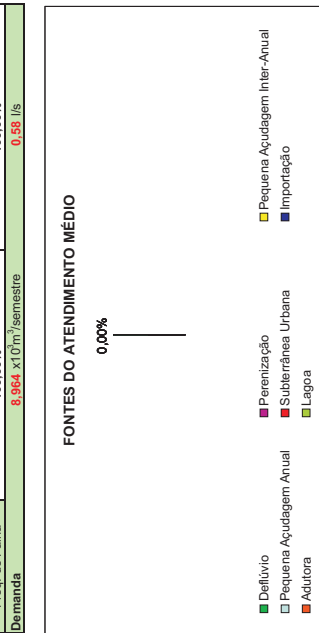
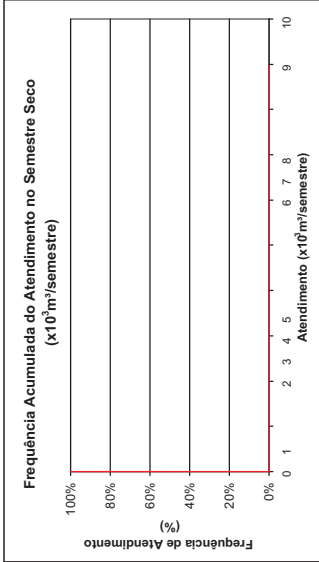
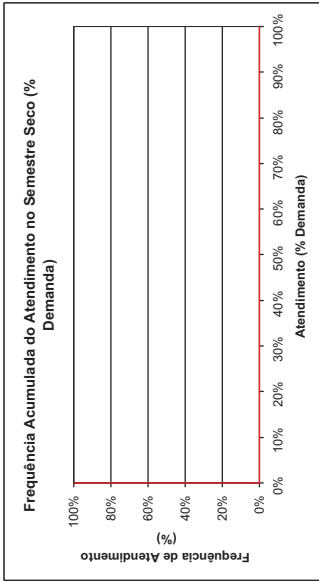




Campeste
Demanda Humana Difusa
MCH CHO.02
 Horizonte 2020 com Infra-Estrutura Atual



FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	0	0%	0	0%
10%	0	0%	0	0%
20%	0	0%	0	0%
30%	0	0%	0	0%
40%	0	0%	0	0%
50%	0	0%	0	0%
60%	0	0%	0	0%
70%	0	0%	0	0%
80%	0	0%	0	0%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Médio	0	0%	0	0%
Freq. de Falha	0	0%	0	0%
Demanda	100,00%	0%	100,00%	0%
	8.964 x10³ m³/semestre		0,58 l/s	





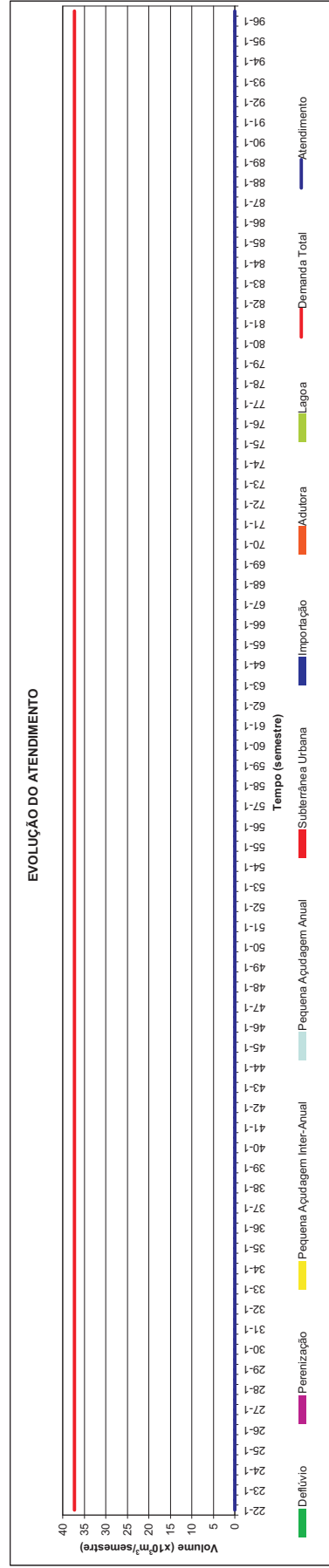
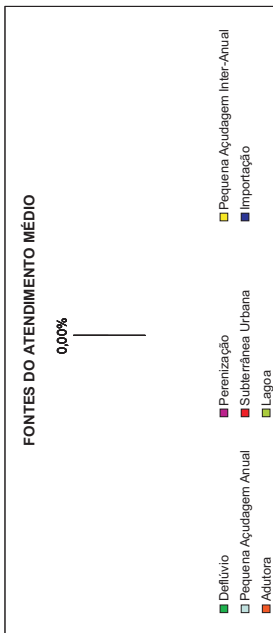
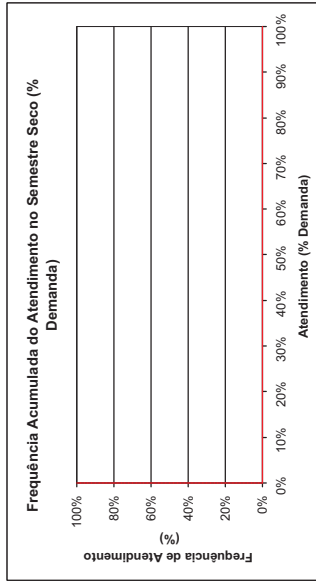
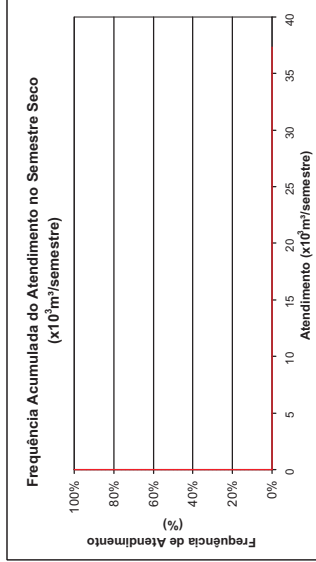
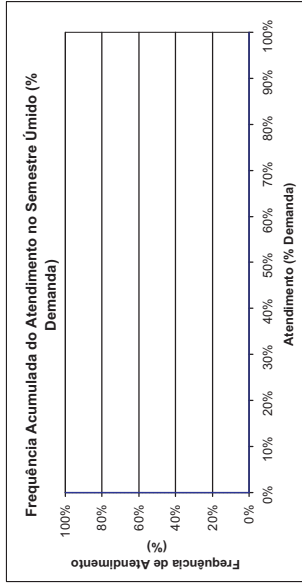
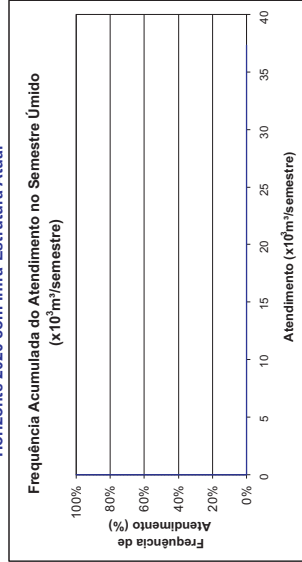
Plano de Gerenciamento das Águas das Bacias Metropolitanas



Campestre (Fortim) e Guajiru Demanda Humana Difusa MPI.FOT.05

Horizonte 2020 com Infra-Estrutura Atual

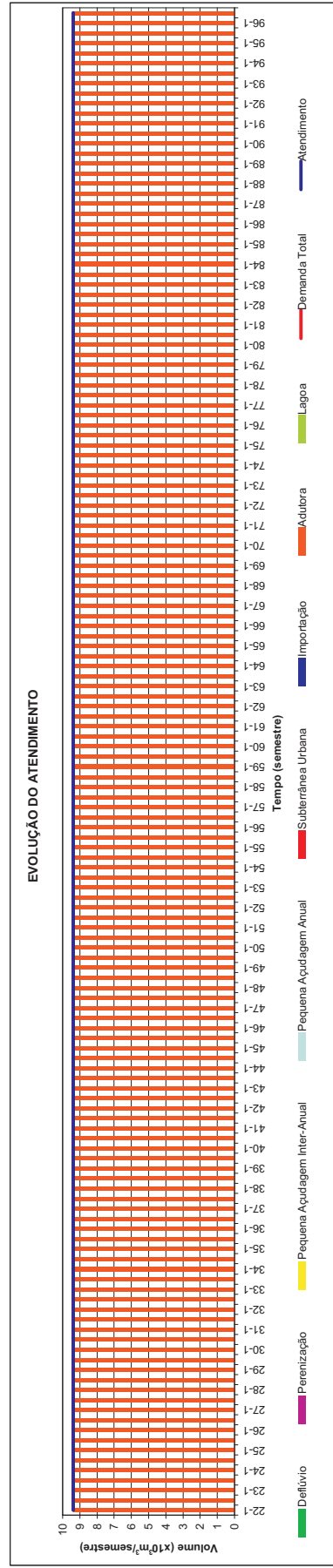
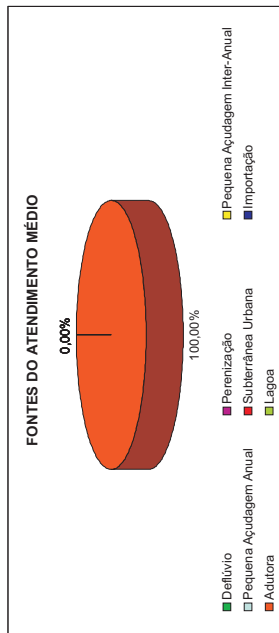
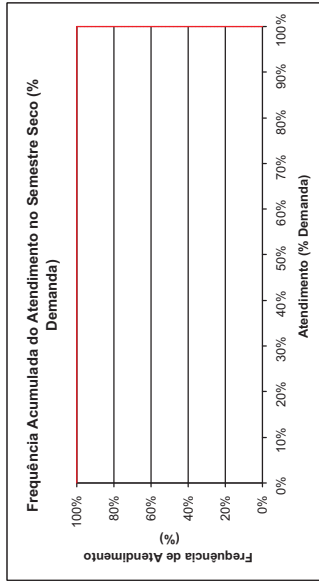
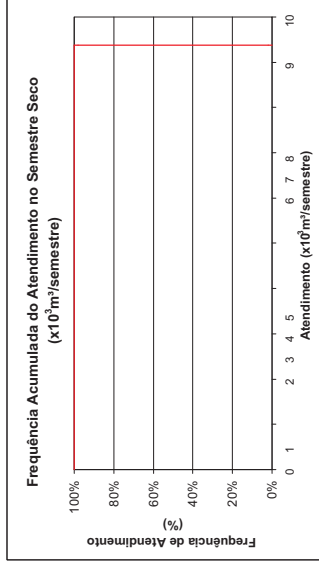
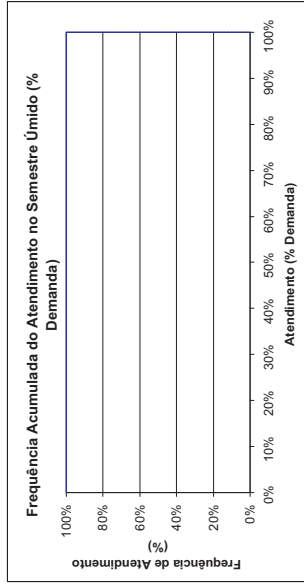
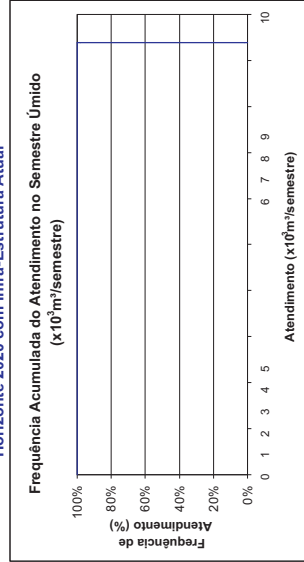
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	0	0%	0	0%
10%	0	0%	0	0%
20%	0	0%	0	0%
30%	0	0%	0	0%
40%	0	0%	0	0%
50%	0	0%	0	0%
60%	0	0%	0	0%
70%	0	0%	0	0%
80%	0	0%	0	0%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Médio	0	0%	0	0%
Freq. de Falha	0	0%	0	0%
Demanda	37.326	x10³m³/semestre	100.00%	2.40
				l/s





Capivara
Demanda Humana Difusa
MCH.ARC.14
 Horizonte 2020 com Infra-Estrutura Atual

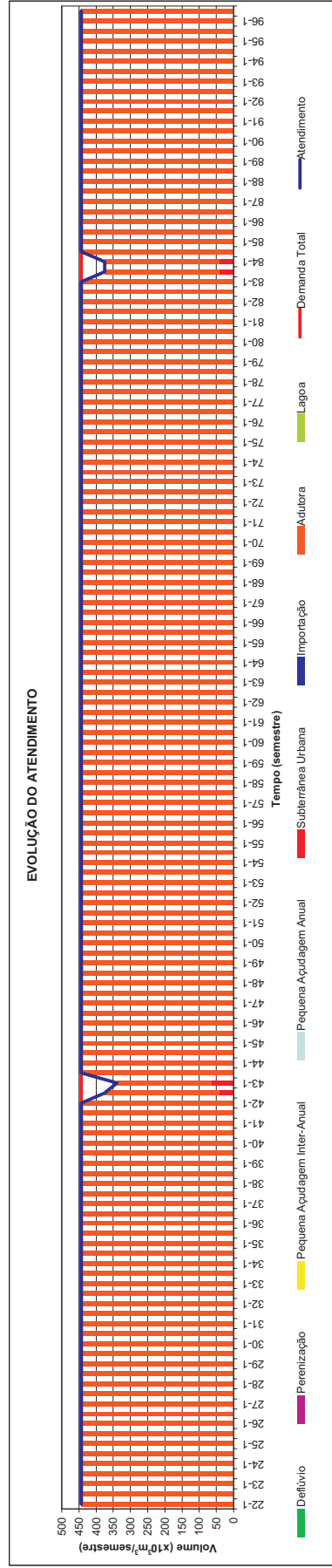
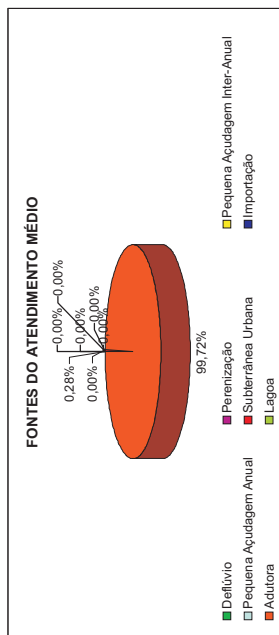
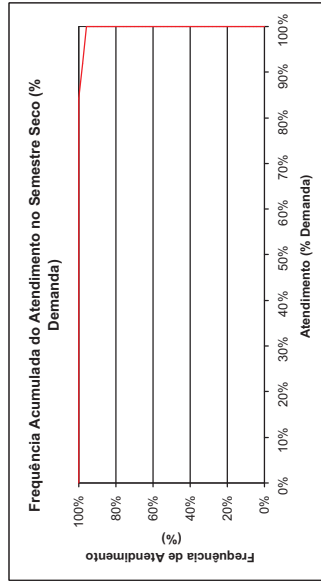
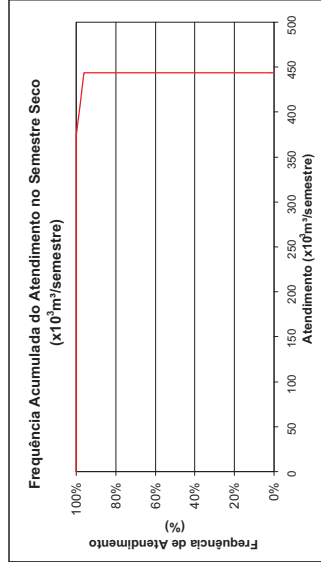
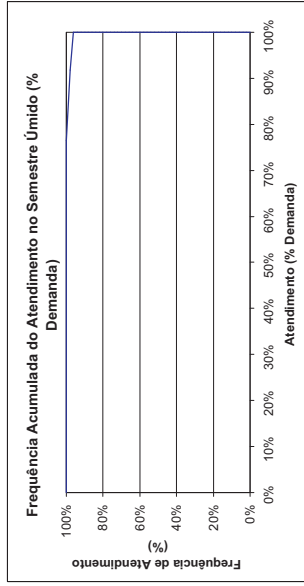
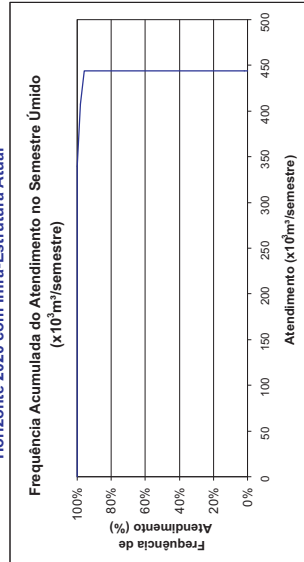
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	9.384	100%	9.384	100%
10%	9.384	100%	9.384	100%
20%	9.384	100%	9.384	100%
30%	9.384	100%	9.384	100%
40%	9.384	100%	9.384	100%
50%	9.384	100%	9.384	100%
60%	9.384	100%	9.384	100%
70%	9.384	100%	9.384	100%
80%	9.384	100%	9.384	100%
90%	9.384	100%	9.384	100%
100%	9.384	100%	9.384	100%
Atend. Médio	9.384	100%	9.384	100%
Freq. de Falha	9.384	100%	9.384	100%
Demanda	0,00%		0,00%	
	9.384 x10³m³/semestre		9.69 l/s	





Caponga
Demanda Humana Difusa
FED.CAV.01
Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	443.844	100%	443.844	100%
10%	443.844	100%	443.844	100%
20%	443.844	100%	443.844	100%
30%	443.844	100%	443.844	100%
40%	443.844	100%	443.844	100%
50%	443.844	100%	443.844	100%
60%	443.844	100%	443.844	100%
70%	443.844	100%	443.844	100%
80%	443.844	100%	443.844	100%
90%	443.844	100%	443.844	100%
100%	339.457	76%	374.253	84%
Atend. Médio	443.844	100%	443.844	100%
Freq. de Falha	339.457	76%	374.253	84%
Demanda	443.844	x10³m³/semestre	2.67%	2.67%
			28.54	l/s

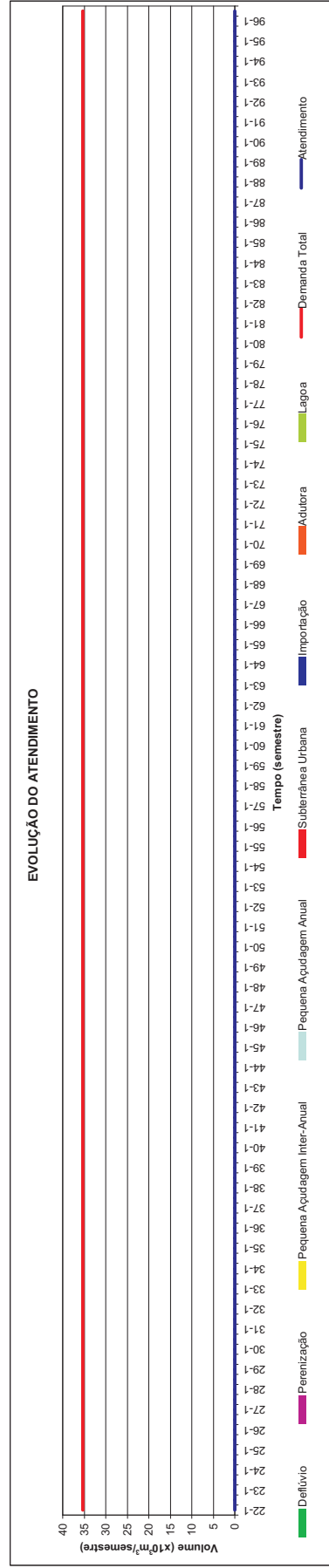
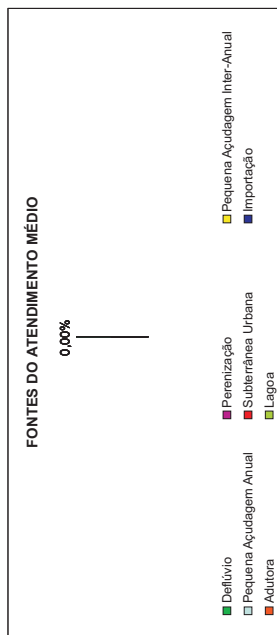
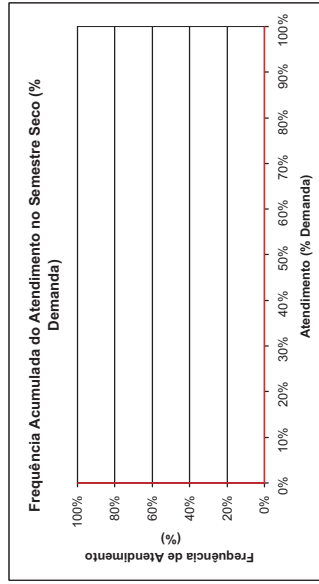
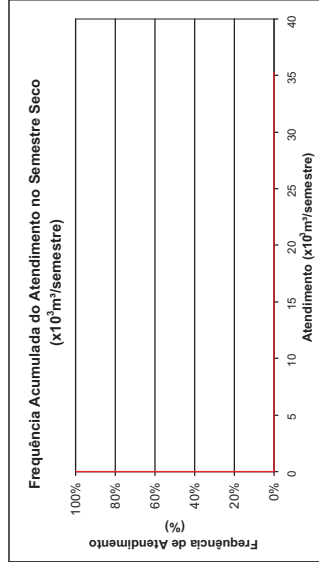
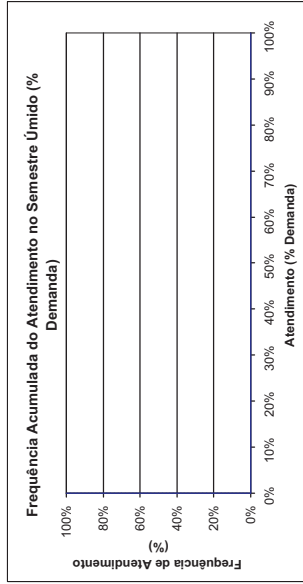
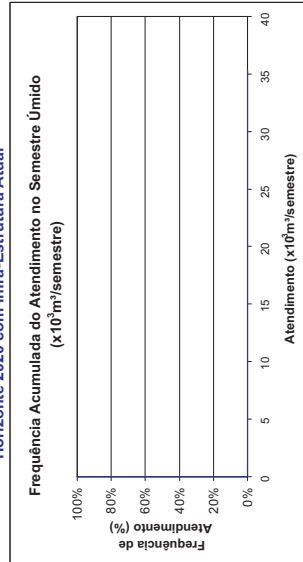




Caponga da Bernarda
Demanda Humana Difusa
MCR.AQU.01

Horizonte 2020 com Infra-Estrutura Atual

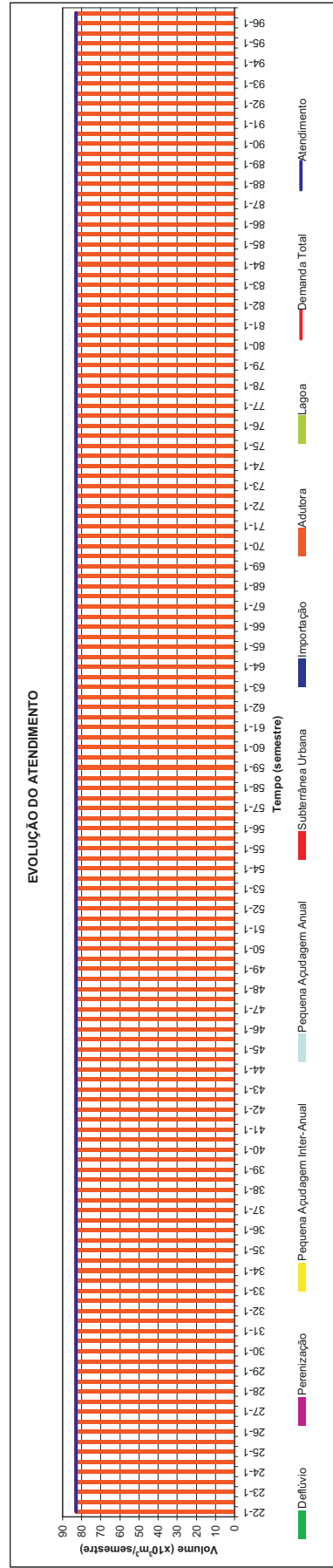
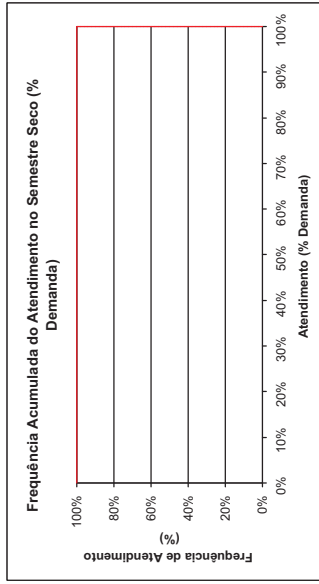
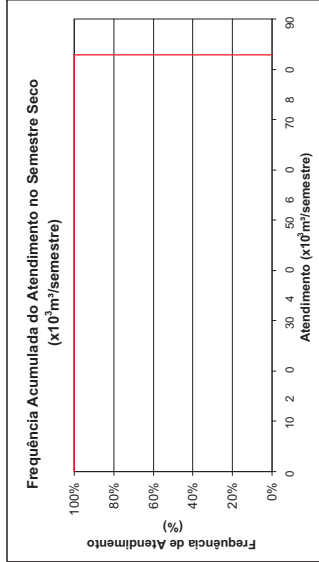
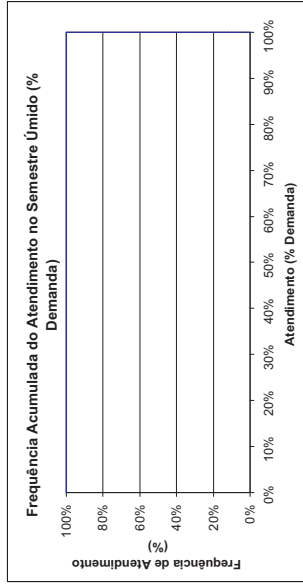
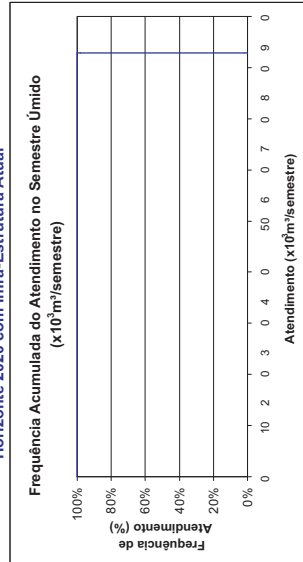
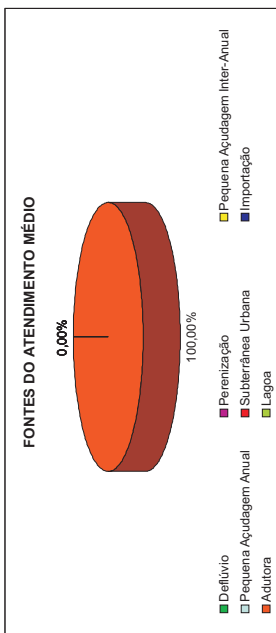
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	0	0%	0	0%
10%	0	0%	0	0%
20%	0	0%	0	0%
30%	0	0%	0	0%
40%	0	0%	0	0%
50%	0	0%	0	0%
60%	0	0%	0	0%
70%	0	0%	0	0%
80%	0	0%	0	0%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Médio	0	0%	0	0%
Freq. de Falha	0	0%	0	0%
Demanda	35.310	x10³m³/semestre	100.00%	100.00%
				2.27 /ls





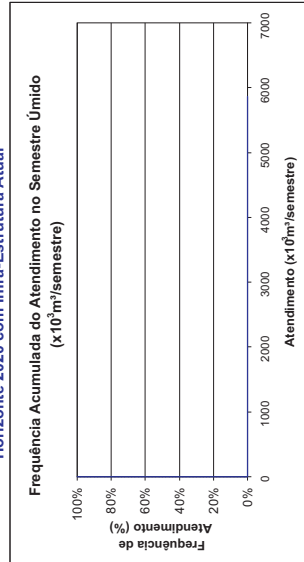
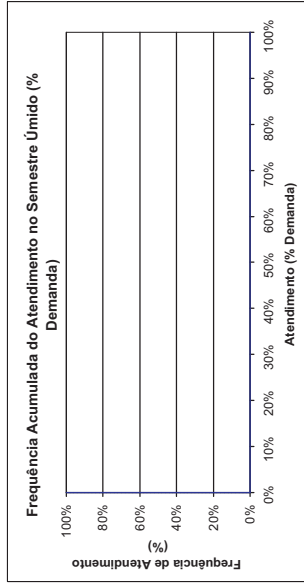
Catuana
Demanda Humana Difusa
MSG.CAC.11
 Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	82.878	100%	82.878	100%
10%	82.878	100%	82.878	100%
20%	82.878	100%	82.878	100%
30%	82.878	100%	82.878	100%
40%	82.878	100%	82.878	100%
50%	82.878	100%	82.878	100%
60%	82.878	100%	82.878	100%
70%	82.878	100%	82.878	100%
80%	82.878	100%	82.878	100%
90%	82.878	100%	82.878	100%
100%	82.878	100%	82.878	100%
Atend. Médio	82.878	100%	82.878	100%
Freq. de Falha	82.878	100%	82.878	100%
Demanda	82.878 x10³m³/semestre	0,00%	82.878 x10³m³/semestre	0,00%
			5,33 l/s	

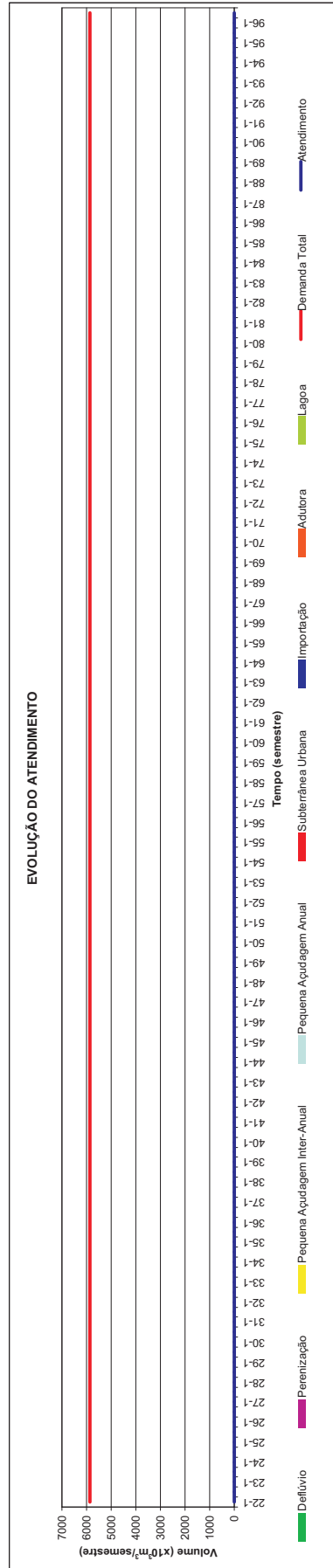
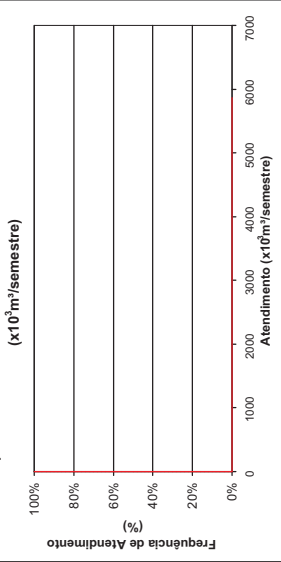
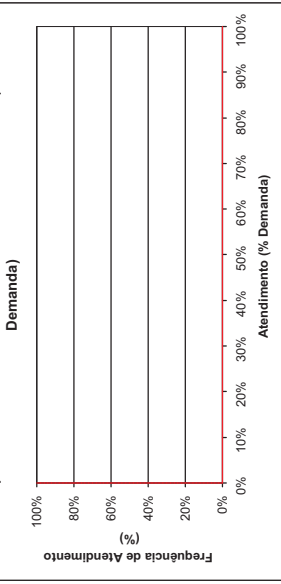




Caucaia (praias)
Demanda Humana Difusa
FED.CAC.03
 Horizonte 2020 com Infra-Estrutura Atual

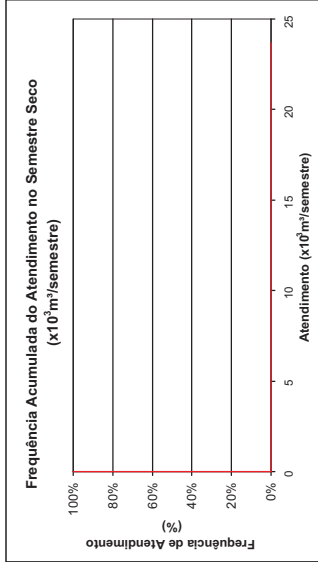
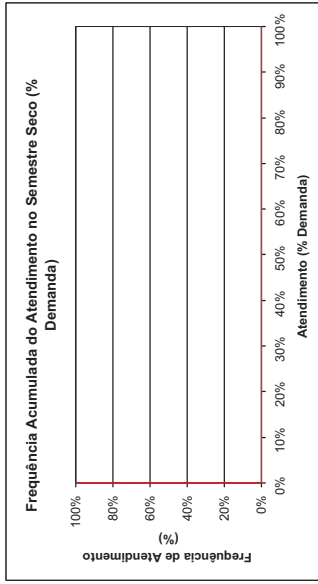
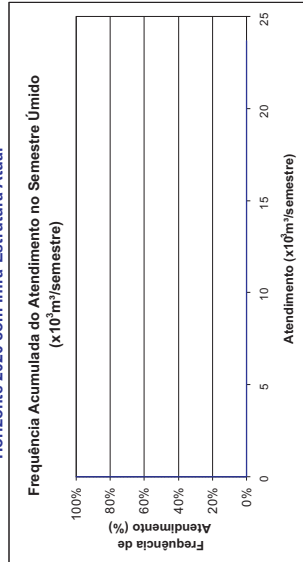
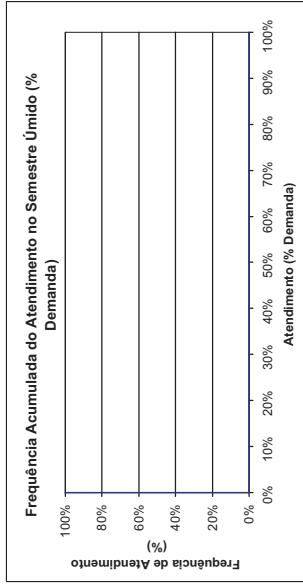


FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	0	0%	0	0%
10%	0	0%	0	0%
20%	0	0%	0	0%
30%	0	0%	0	0%
40%	0	0%	0	0%
50%	0	0%	0	0%
60%	0	0%	0	0%
70%	0	0%	0	0%
80%	0	0%	0	0%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Médio	0	0%	0	0%
Freq. de Falha	0	0%	0	0%
Demanda	5.863.104	x10³m³/semestre	377.00	100,00%

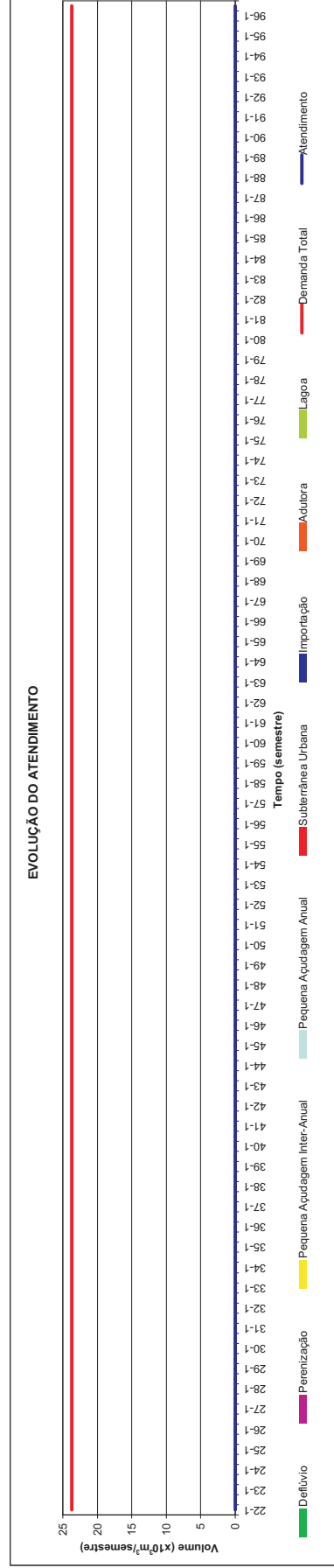




Cedro
Demanda Humana Difusa
MPI.CHO.06
 Horizonte 2020 com Infra-Estrutura Atual

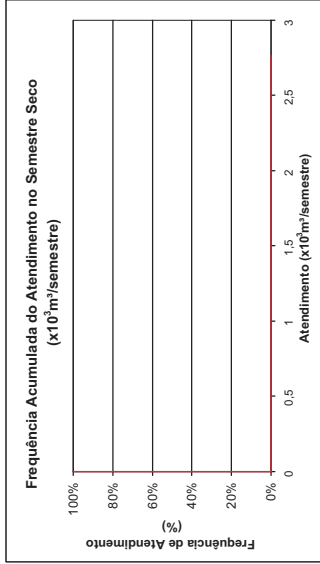
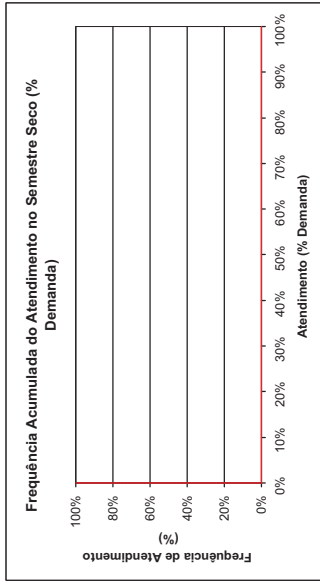
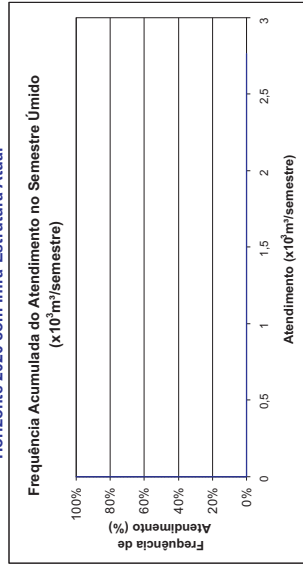
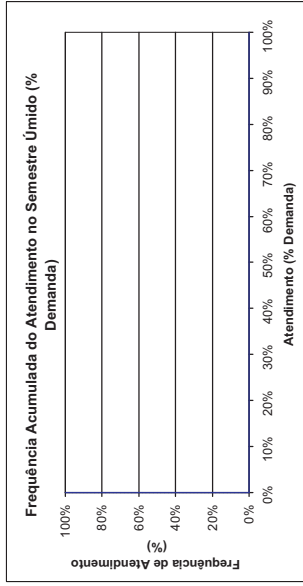


FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	0	0%	0	0%
10%	0	0%	0	0%
20%	0	0%	0	0%
30%	0	0%	0	0%
40%	0	0%	0	0%
50%	0	0%	0	0%
60%	0	0%	0	0%
70%	0	0%	0	0%
80%	0	0%	0	0%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Médio	0	0%	0	0%
Freq. de Falha	0	0%	0	0%
Demanda	23.692	x10³m³/semestre	100,00%	100,00%
				1,52 l/s

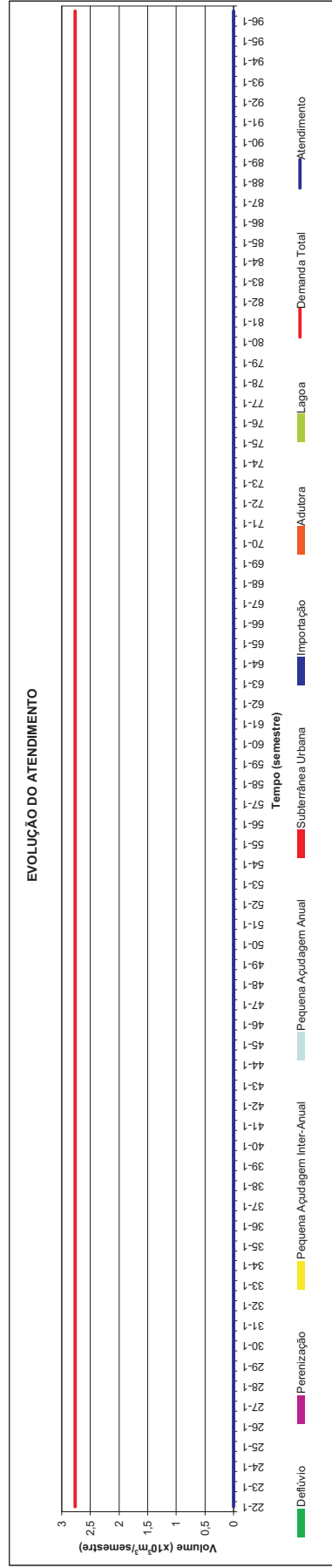




Colina
Demanda Humana Difusa
MPA, PAO.05
 Horizonte 2020 com Infra-Estrutura Atual

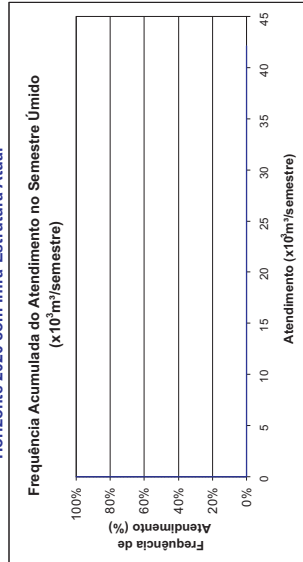
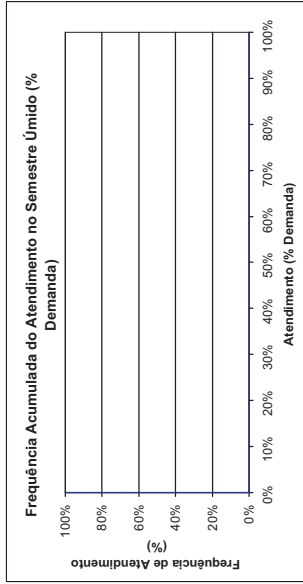


FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	0	0%	0	0%
10%	0	0%	0	0%
20%	0	0%	0	0%
30%	0	0%	0	0%
40%	0	0%	0	0%
50%	0	0%	0	0%
60%	0	0%	0	0%
70%	0	0%	0	0%
80%	0	0%	0	0%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Médio	0	0%	0	0%
Freq. de Falha	0	0%	0	0%
Demanda	100,00%	2.766 x10³m³/semestre	100,00%	0.18 l/s

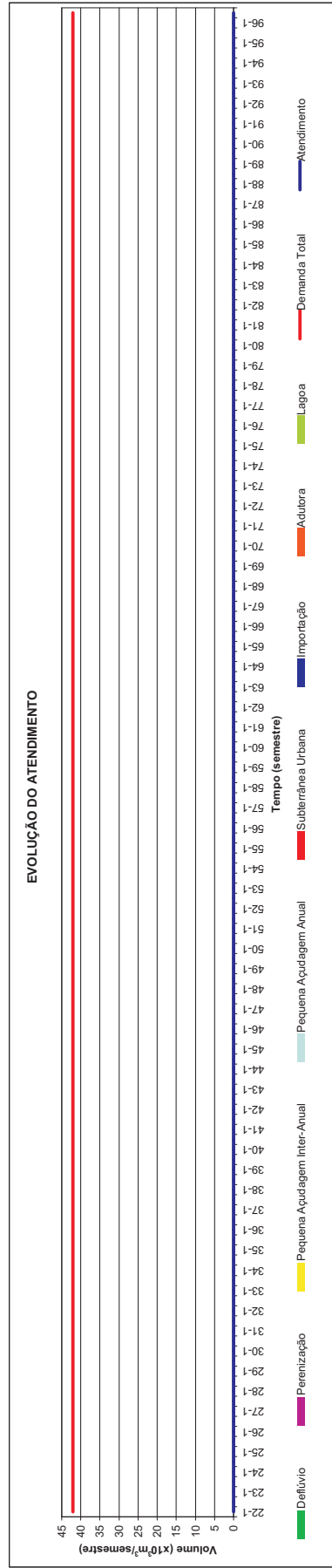
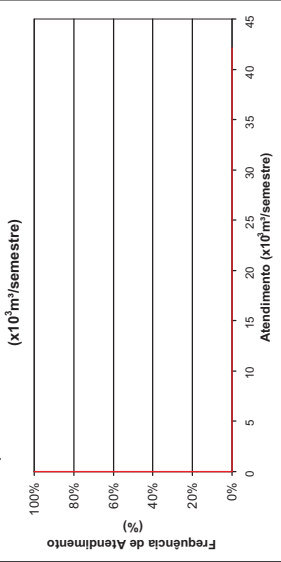
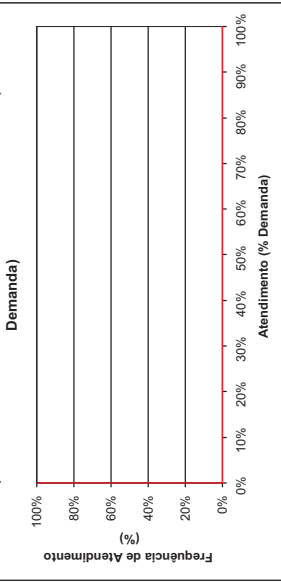




Córrego
Demanda Humana Difusa
MCH BAE.09
 Horizonte 2020 com Infra-Estrutura Atual



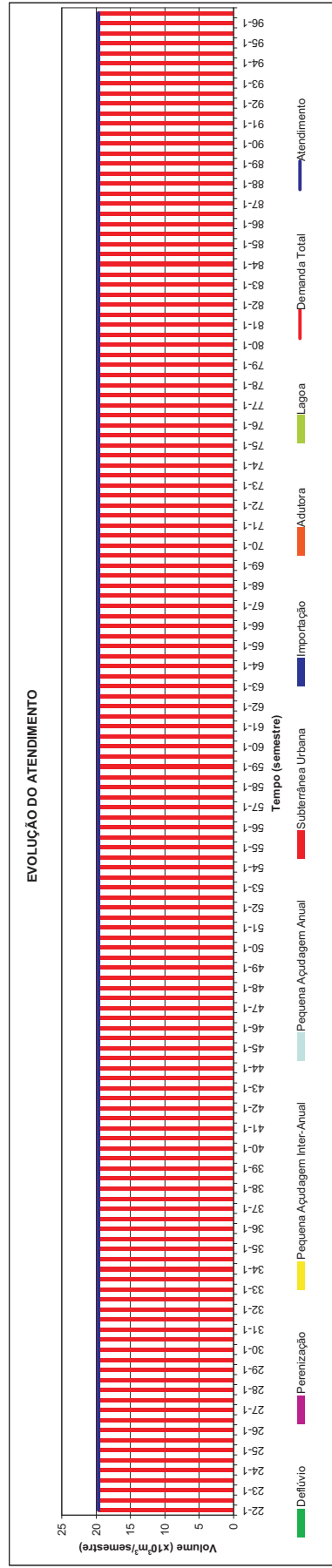
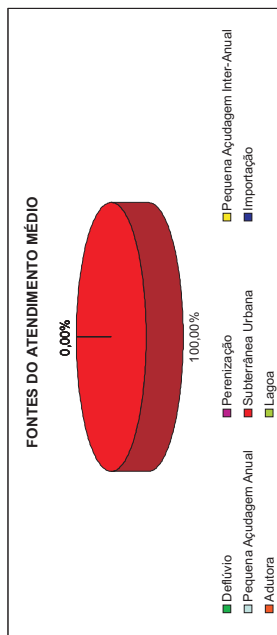
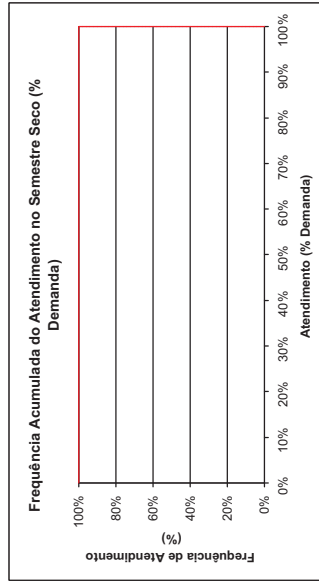
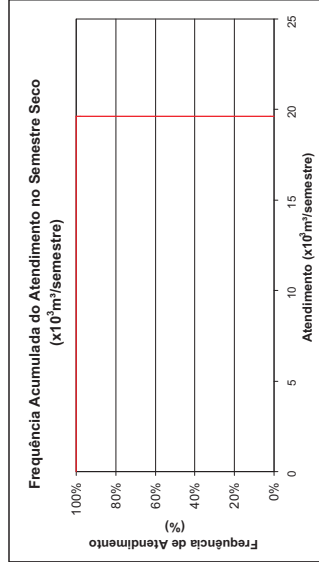
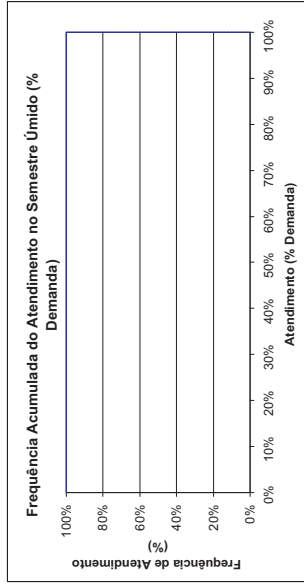
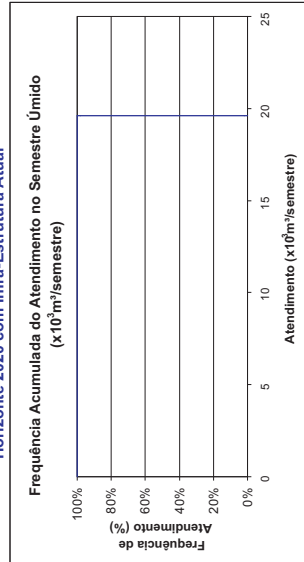
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10³m³/Semestre	% Demanda	x10³m³/Semestre	% Demanda
0%	0	0%	0	0%
10%	0	0%	0	0%
20%	0	0%	0	0%
30%	0	0%	0	0%
40%	0	0%	0	0%
50%	0	0%	0	0%
60%	0	0%	0	0%
70%	0	0%	0	0%
80%	0	0%	0	0%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Médio	0	0%	0	0%
Freq. de Falha	0	0%	0	0%
Demanda	100,00%	42.120 x10³m³/semestre	100,00%	2.71 l/s





Cristais
Demanda Humana Difusa
MPI.CAV04
 Horizonte 2020 com Infra-Estrutura Atual

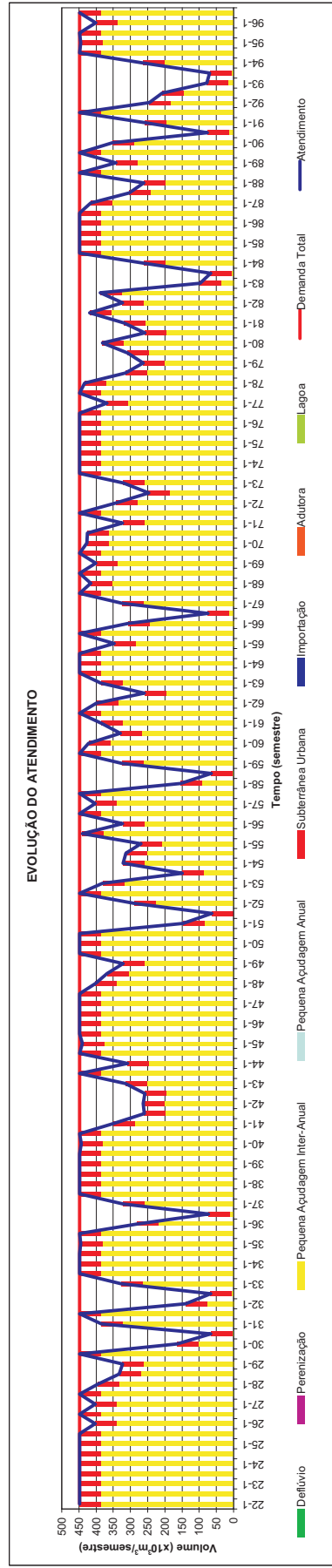
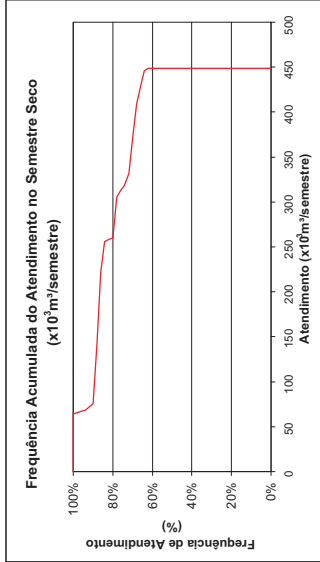
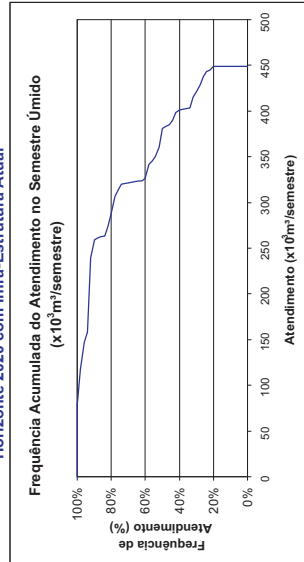
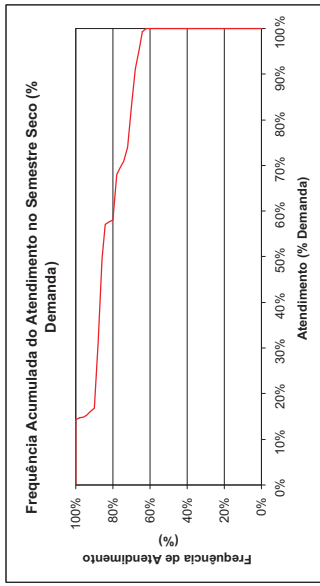
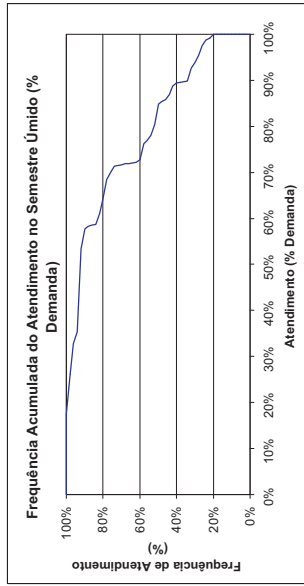
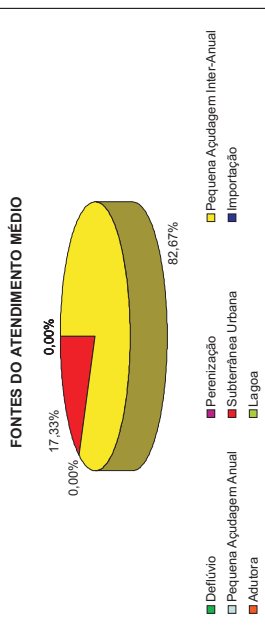
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	19.614	100%	19.614	100%
10%	19.614	100%	19.614	100%
20%	19.614	100%	19.614	100%
30%	19.614	100%	19.614	100%
40%	19.614	100%	19.614	100%
50%	19.614	100%	19.614	100%
60%	19.614	100%	19.614	100%
70%	19.614	100%	19.614	100%
80%	19.614	100%	19.614	100%
90%	19.614	100%	19.614	100%
100%	19.614	100%	19.614	100%
Atend. Médio	19.614	100%	19.614	100%
Freq. de Falha	19.614	100%	19.614	100%
Demanda	0,00%		0,00%	
	19.614 x10³m³/semestre		1.26 l/s	





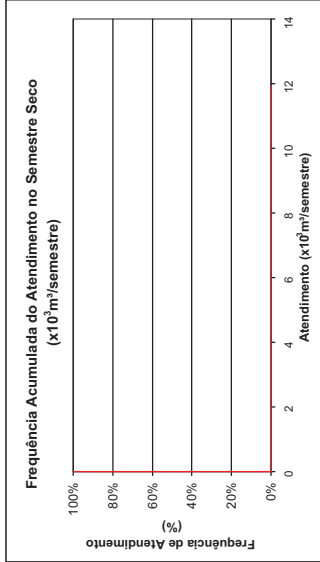
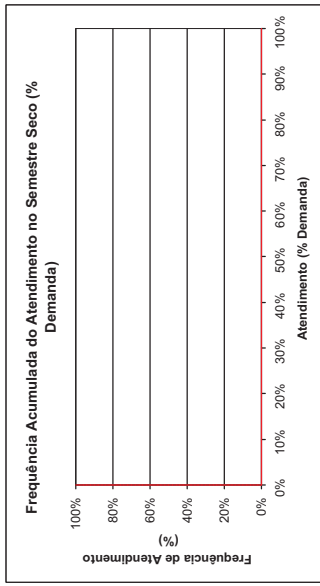
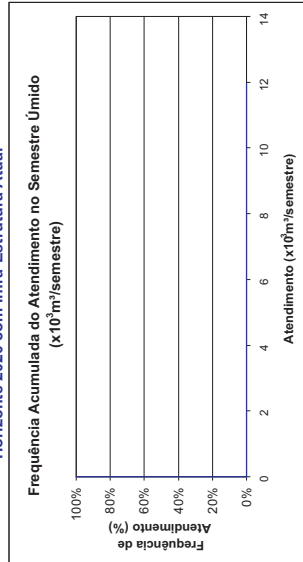
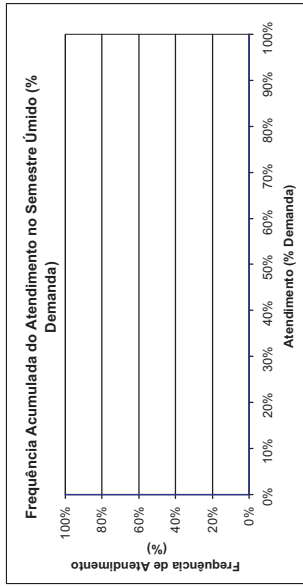
Croata
Demanda Humana Difusa
MSG.SGA.01
Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	448.668	100%	448.668	100%
10%	448.668	100%	448.668	100%
20%	448.668	100%	448.668	100%
30%	448.668	94%	448.668	100%
40%	401.2672	89%	448.668	100%
50%	360.791	85%	448.668	100%
60%	326.4346	73%	448.668	100%
70%	321.5416	72%	372.3506	83%
80%	287.8148	64%	260.258	58%
90%	288.841	58%	75.7348	17%
100%	76.385	17%	63.921	14%
Atend. Médio	380.791	85%	448.668	100%
Freq. de Falha	76.385	17%	63.921	14%
Demanda	448.668 x10³m³/semestre		36.00%	
			28.85 l/s	

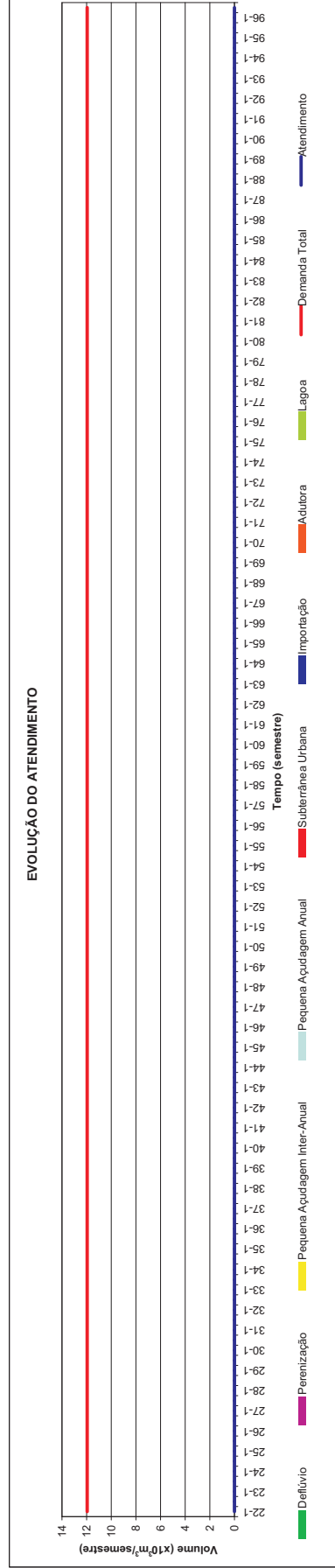




Curupira
Demanda Humana Difusa
MPI.OCA.13
 Horizonte 2020 com Infra-Estrutura Atual

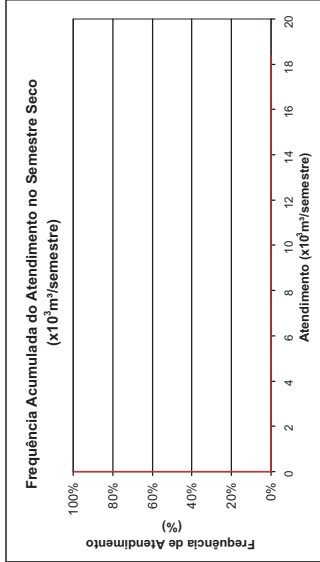
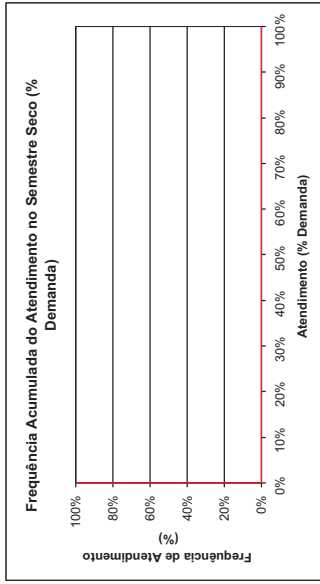
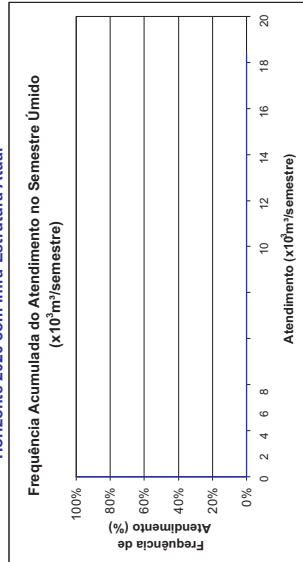
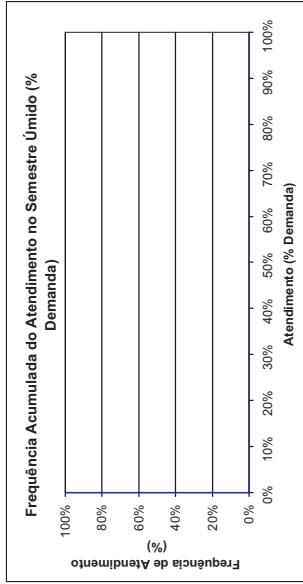


FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	0	0%	0	0%
10%	0	0%	0	0%
20%	0	0%	0	0%
30%	0	0%	0	0%
40%	0	0%	0	0%
50%	0	0%	0	0%
60%	0	0%	0	0%
70%	0	0%	0	0%
80%	0	0%	0	0%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Médio	0	0%	0	0%
Freq. de Falha	0	0%	0	0%
Demanda	11.946	x10³m³/semestre	100,00%	100,00%
			0,77	/ls

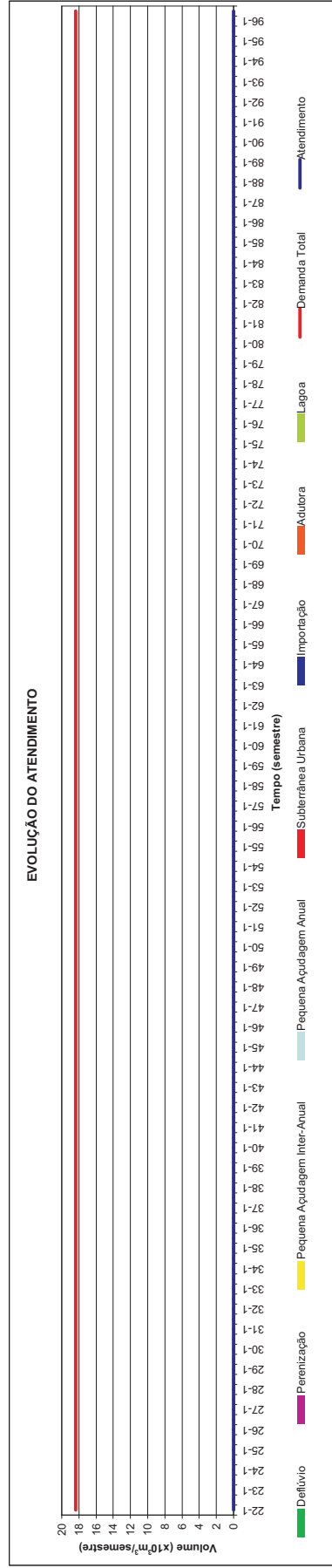




Dom Maurício
Demanda Humana Difusa
MCH.QUI.02
 Horizonte 2020 com Infra-Estrutura Atual



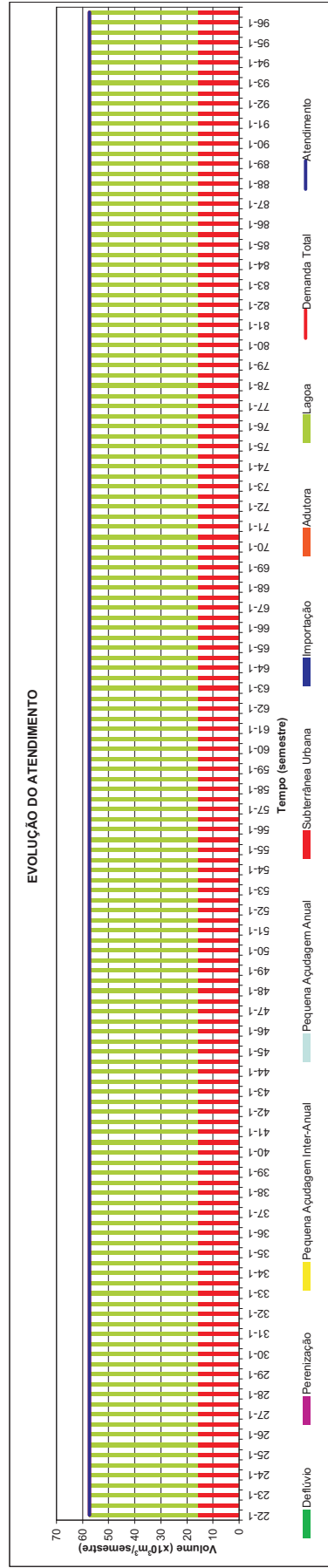
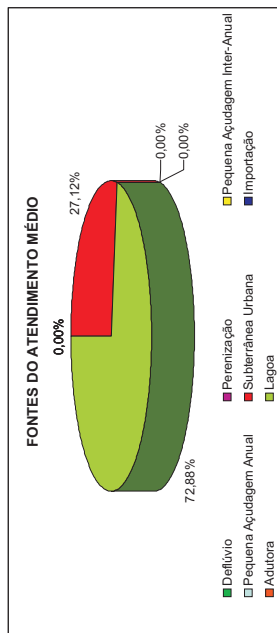
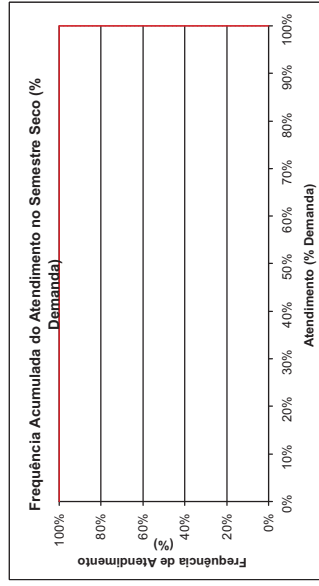
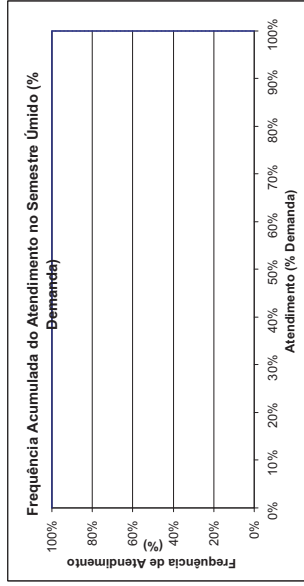
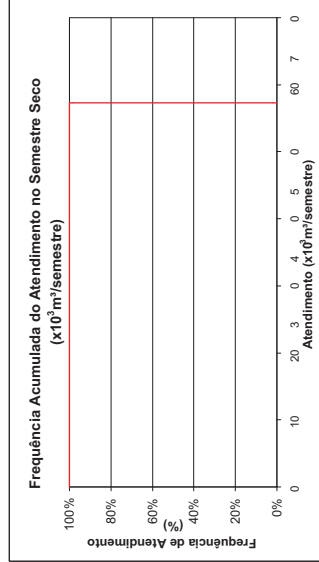
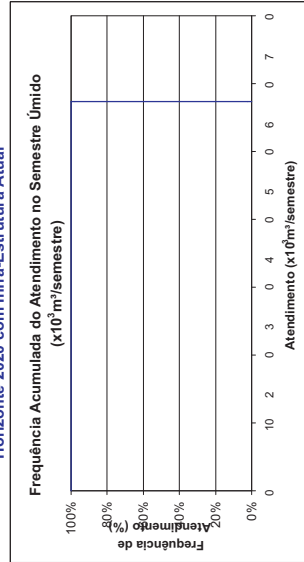
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	0	0%	0	0%
10%	0	0%	0	0%
20%	0	0%	0	0%
30%	0	0%	0	0%
40%	0	0%	0	0%
50%	0	0%	0	0%
60%	0	0%	0	0%
70%	0	0%	0	0%
80%	0	0%	0	0%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Médio	0	0%	0	0%
Freq. de Falha	0	0%	0	0%
Demanda	18.390	x10³m³/semestre	100,00%	100,00%
				1,18 l/s





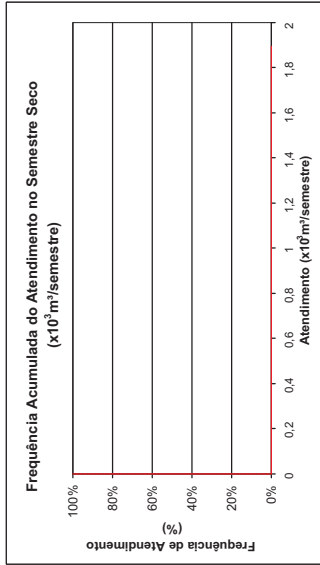
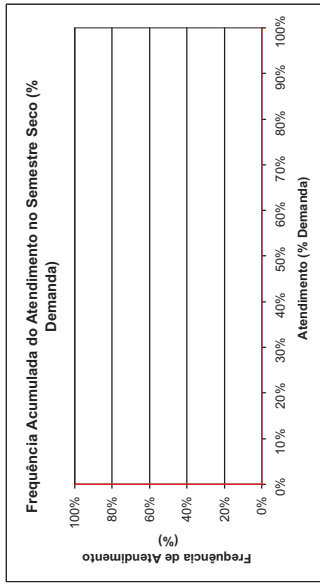
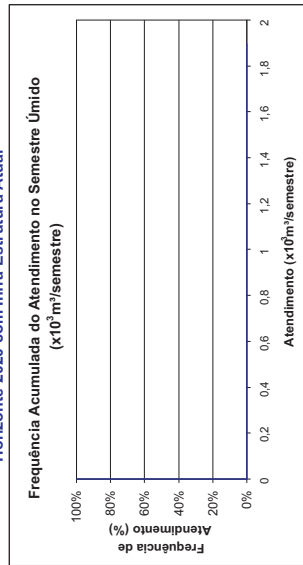
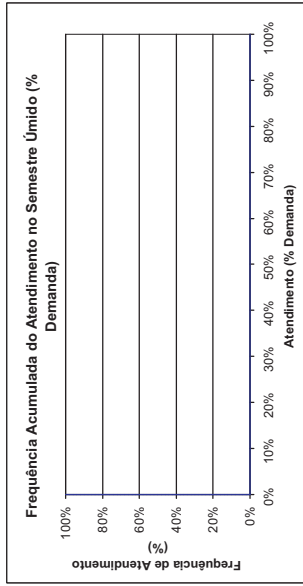
Dourados
Demanda Humana Difusa
MMZ. HOR.02
 Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	57,336	100%	57,336	100%
10%	57,336	100%	57,336	100%
20%	57,336	100%	57,336	100%
30%	57,336	100%	57,336	100%
40%	57,336	100%	57,336	100%
50%	57,336	100%	57,336	100%
60%	57,336	100%	57,336	100%
70%	57,336	100%	57,336	100%
80%	57,336	100%	57,336	100%
90%	57,336	100%	57,336	100%
100%	57,336	100%	57,336	100%
Atend. Mínimo	57,336	100%	57,336	100%
Freq. De Falha	0,00%		0,00%	
Demanda	57,336 x10³m³/semestre		3,69 l/s	

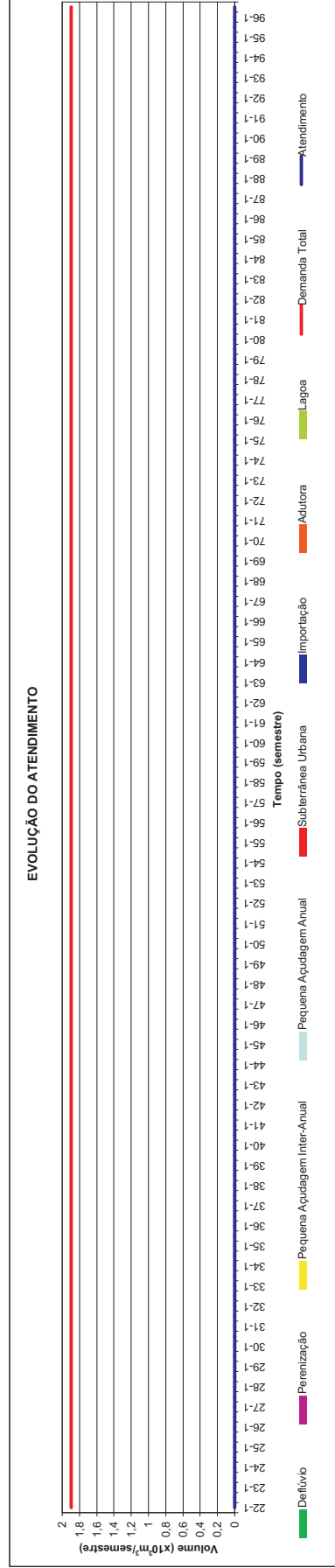




Esperança
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MCH.CAN.04
 Horizonte 2020 com Infra-Estrutura Atual

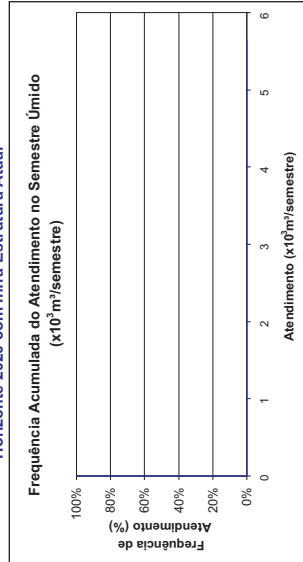
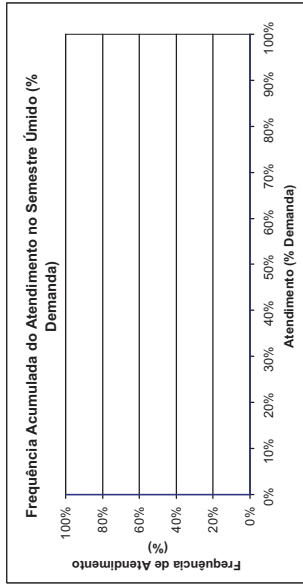


FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10³m³/Semestre	% Demanda	x10³m³/Semestre	% Demanda
0%	0	0%	0	0%
10%	0	0%	0	0%
20%	0	0%	0	0%
30%	0	0%	0	0%
40%	0	0%	0	0%
50%	0	0%	0	0%
60%	0	0%	0	0%
70%	0	0%	0	0%
80%	0	0%	0	0%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Mínimo	0	0%	0	0%
Atend. Médio	0	0%	0	0%
Freq. De Falha	0	100,00%	0	100,00%
Demanda	1,896	x10³m³/semestre	0,12	Is

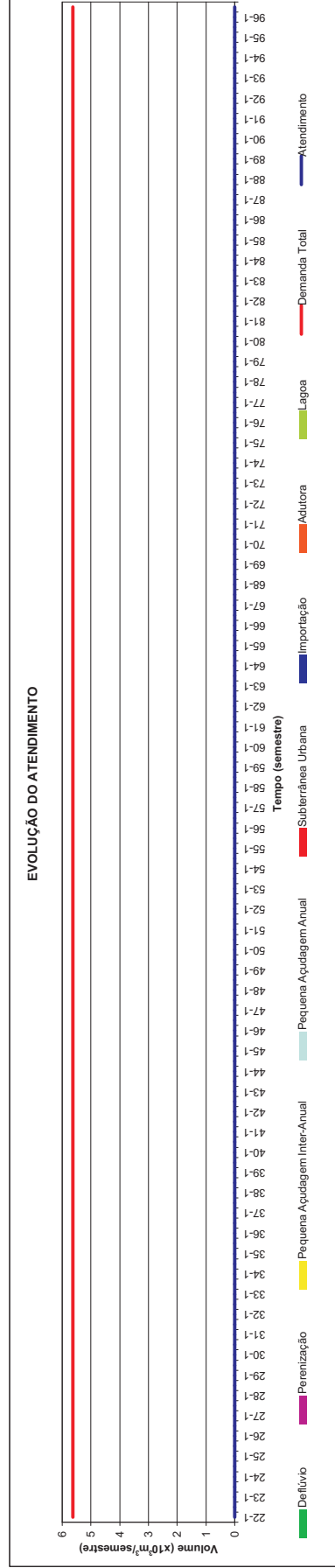
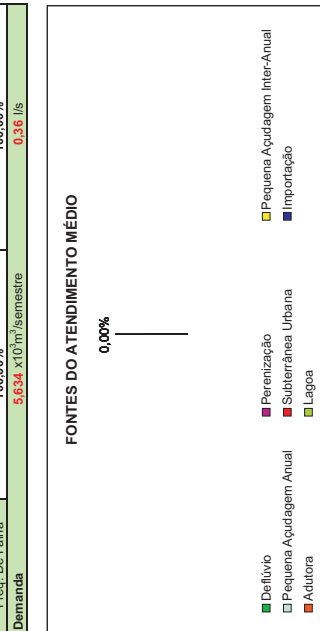
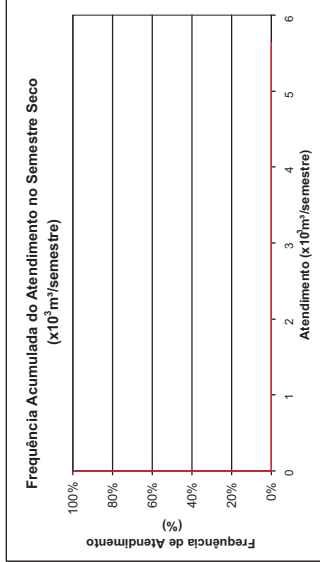
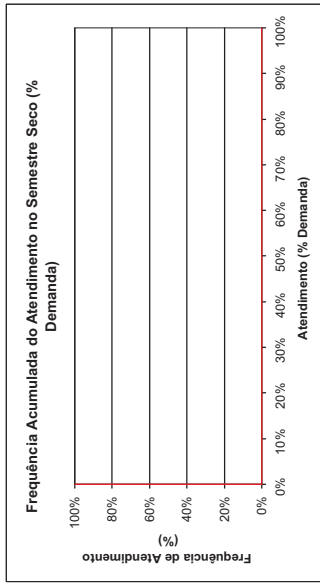




Fátima
Demanda Humana Difusa
MPA, PAO.04
 Horizonte 2020 com Infra-Estrutura Atual

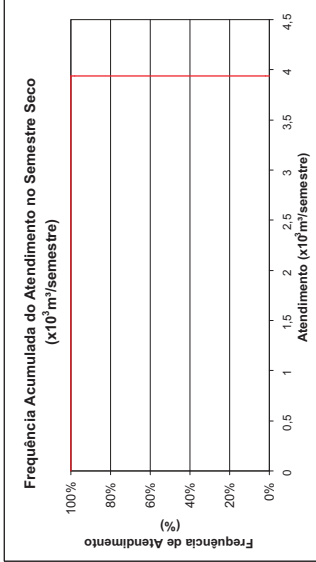
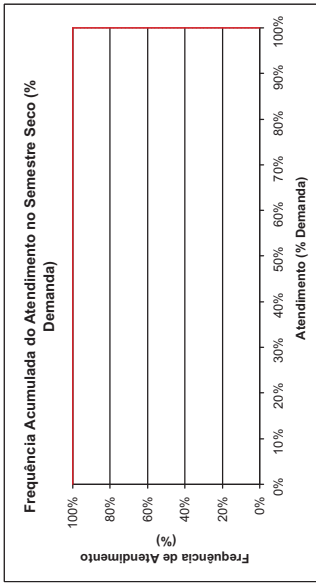
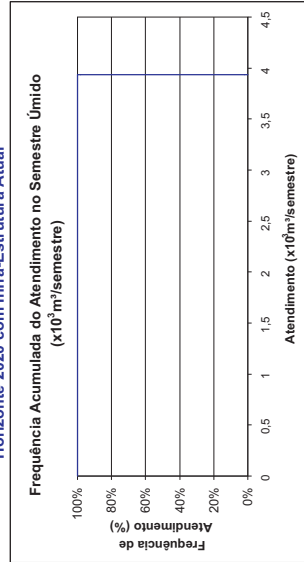
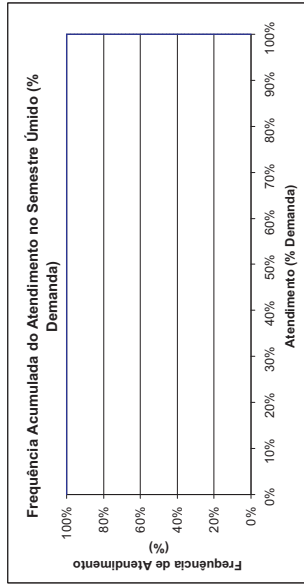


FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	0	0%	0	0%
10%	0	0%	0	0%
20%	0	0%	0	0%
30%	0	0%	0	0%
40%	0	0%	0	0%
50%	0	0%	0	0%
60%	0	0%	0	0%
70%	0	0%	0	0%
80%	0	0%	0	0%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Mínimo	0	0%	0	0%
Atend. Médio	0	0%	0	0%
Freq. De Falha	0	100,00%	0	100,00%
Demanda	5,634 x10³m³/semestre		0,36 l/s	

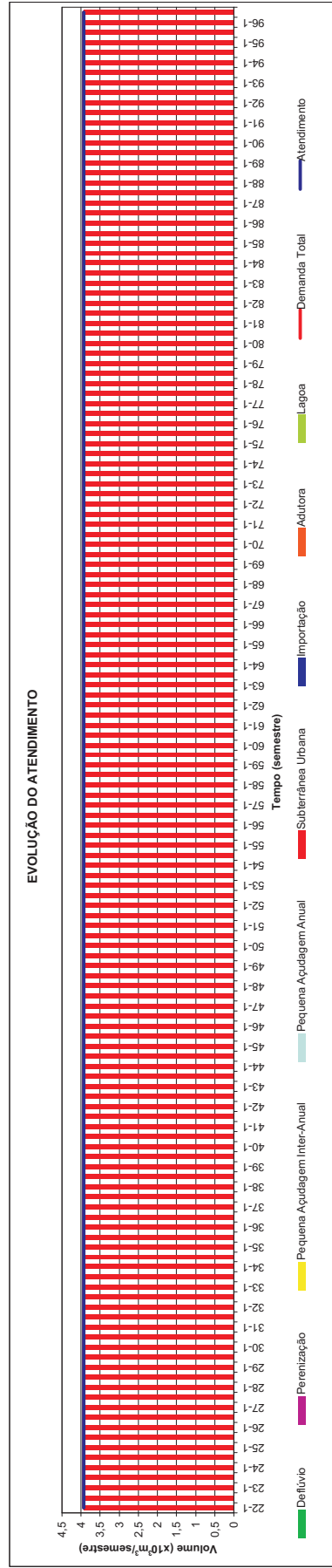
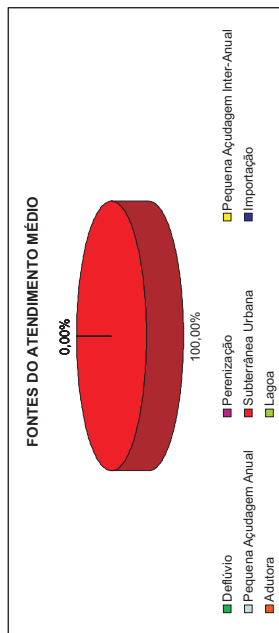


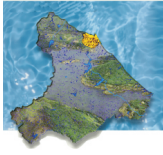


Gado
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MPA_PAM.01
 Horizonte 2020 com Infra-Estrutura Atual



FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10³m³/Semestre	% Demanda	x10³m³/Semestre	% Demanda
0%	3.936	100%	3.936	100%
10%	3.936	100%	3.936	100%
20%	3.936	100%	3.936	100%
30%	3.936	100%	3.936	100%
40%	3.936	100%	3.936	100%
50%	3.936	100%	3.936	100%
60%	3.936	100%	3.936	100%
70%	3.936	100%	3.936	100%
80%	3.936	100%	3.936	100%
90%	3.936	100%	3.936	100%
100%	3.936	100%	3.936	100%
Atend. Mínimo	3.936	100%	3.936	100%
Freq. De Falha	0.00%		0.00%	
Demanda	3.936 x10³m³/semestre		0.25 l/s	

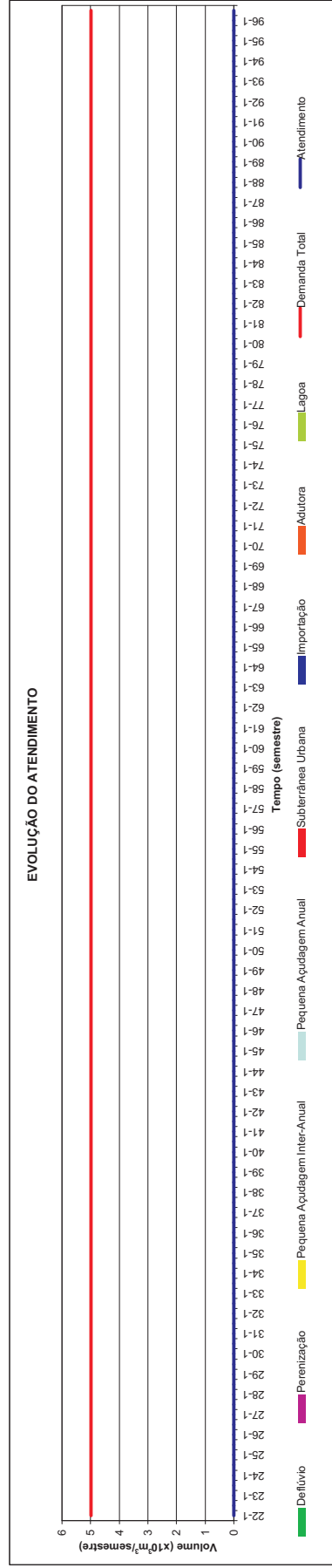
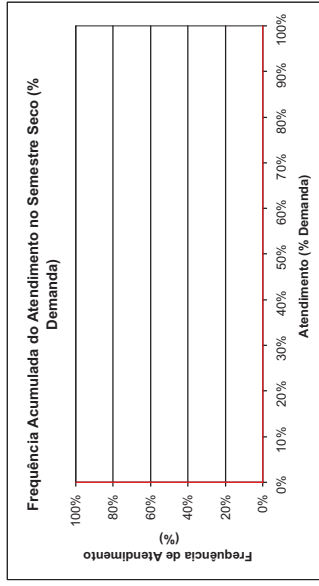
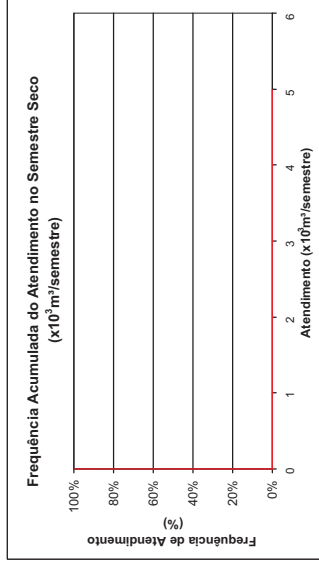
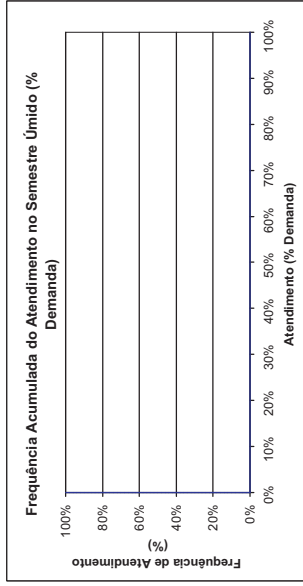
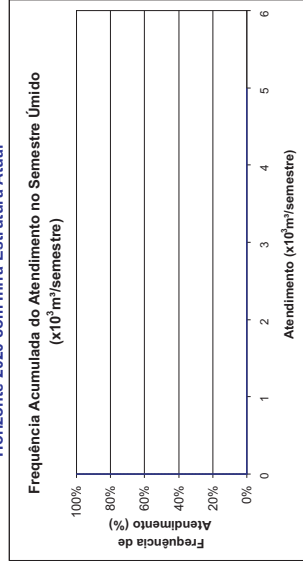




Gados dos Rodrigues
Demanda Humana Difusa
MPA, PAM.03

Horizonte 2020 com Infra-Estrutura Atual

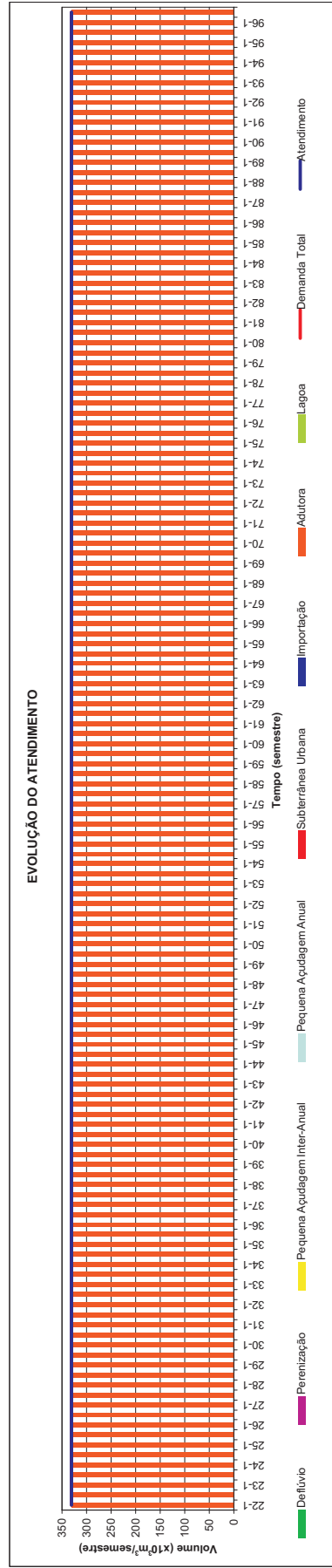
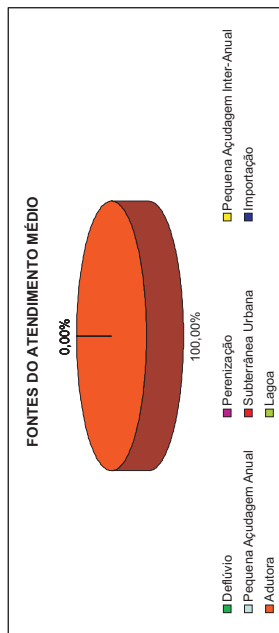
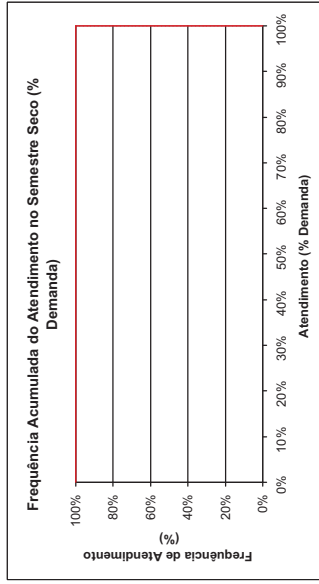
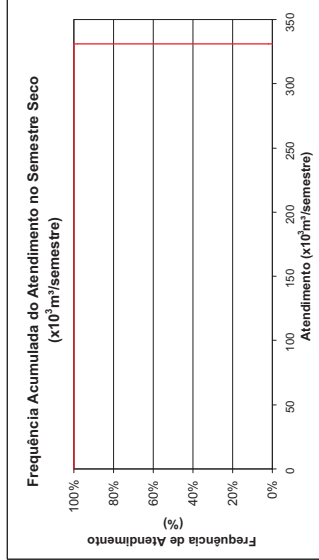
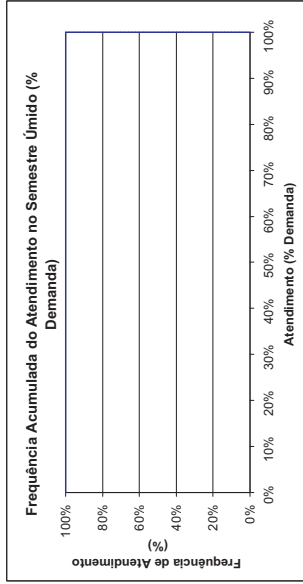
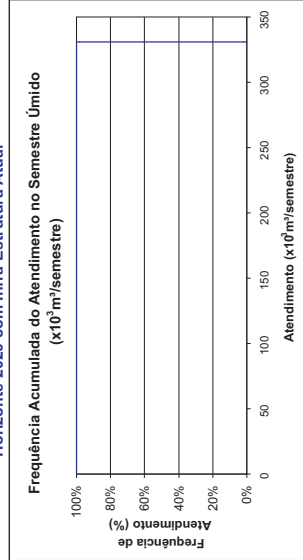
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	0	0%	0	0%
10%	0	0%	0	0%
20%	0	0%	0	0%
30%	0	0%	0	0%
40%	0	0%	0	0%
50%	0	0%	0	0%
60%	0	0%	0	0%
70%	0	0%	0	0%
80%	0	0%	0	0%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Mínimo	0	0%	0	0%
Atend. Médio	0	0%	0	0%
Freq. De Falha	0	100,00%	0	100,00%
Demanda	4.992 x10³m³/semestre		0.32 l/s	





Gereraú
Demanda Humana Difusa
MCC.ITG.04
 Horizonte 2020 com Infra-Estrutura Atual

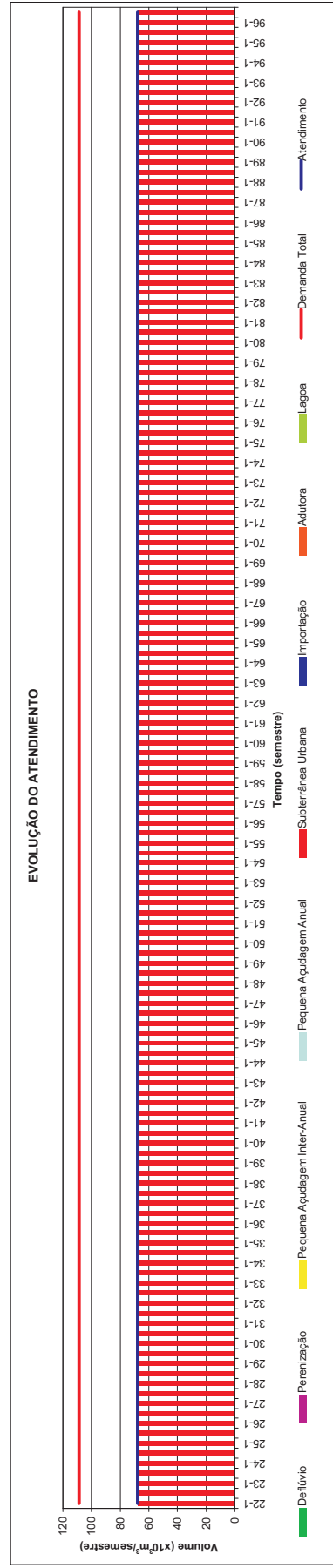
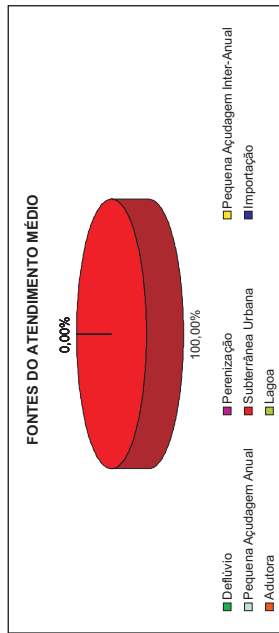
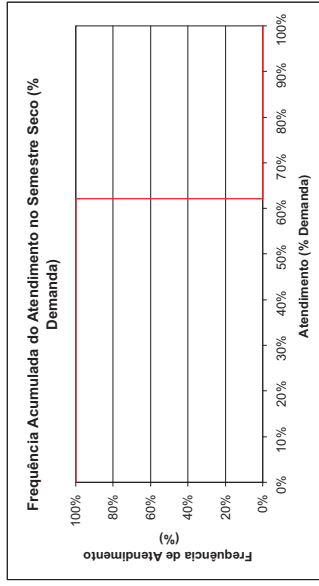
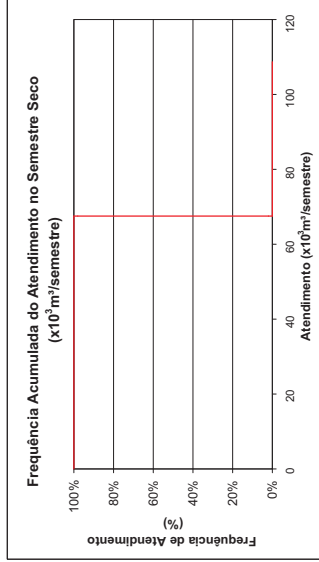
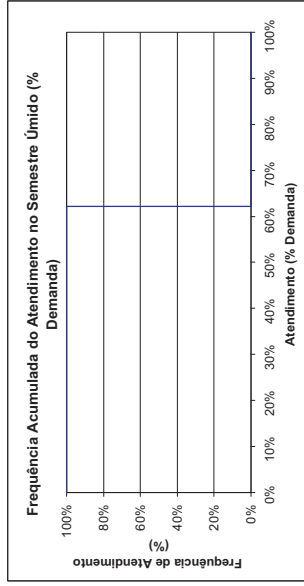
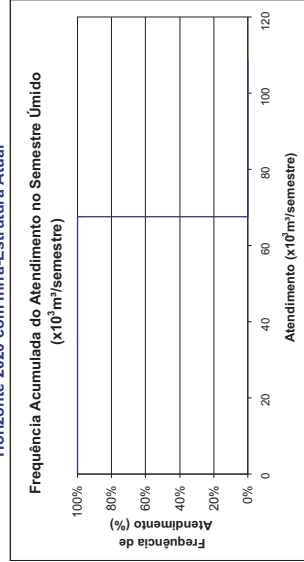
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	330.828	100%	330.828	100%
10%	330.828	100%	330.828	100%
20%	330.828	100%	330.828	100%
30%	330.828	100%	330.828	100%
40%	330.828	100%	330.828	100%
50%	330.828	100%	330.828	100%
60%	330.828	100%	330.828	100%
70%	330.828	100%	330.828	100%
80%	330.828	100%	330.828	100%
90%	330.828	100%	330.828	100%
100%	330.828	100%	330.828	100%
Atend. Mínimo	330.828	100%	330.828	100%
Freq. De Falha	0,00%		0,00%	
Demanda	330.828 x10³m³/semestre		21,27 l/s	





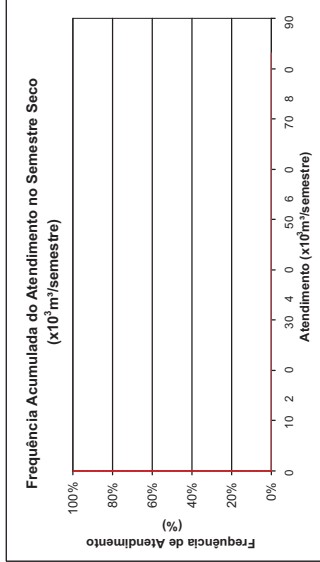
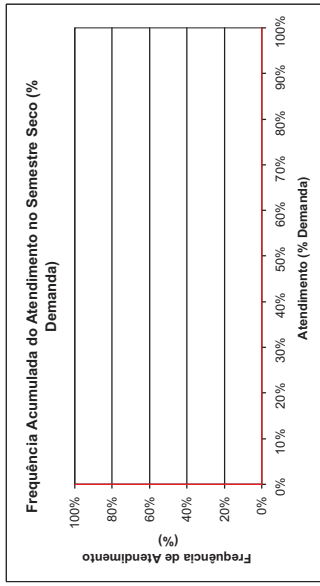
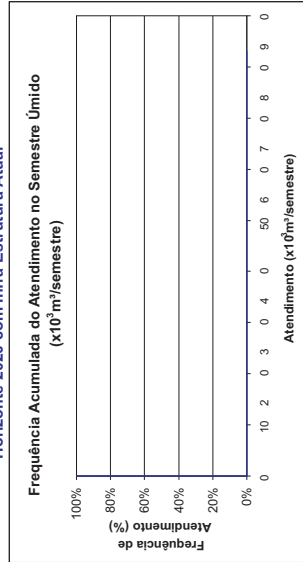
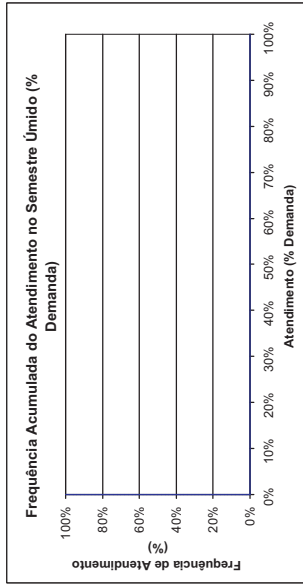
Guanacacés
Demanda Humana Difusa
MMZ.CAV02
 Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	67.604	62%	67.604	62%
10%	67.604	62%	67.604	62%
20%	67.604	62%	67.604	62%
30%	67.604	62%	67.604	62%
40%	67.604	62%	67.604	62%
50%	67.604	62%	67.604	62%
60%	67.604	62%	67.604	62%
70%	67.604	62%	67.604	62%
80%	67.604	62%	67.604	62%
90%	67.604	62%	67.604	62%
100%	67.604	62%	67.604	62%
Atend. Médio	67.604	62%	67.604	62%
Atend. Mínimo	67.604	62%	67.604	62%
Freq. De Falha	100,00%		100,00%	
Demanda	108.738 x10³m³/semestre		6.99 l/s	

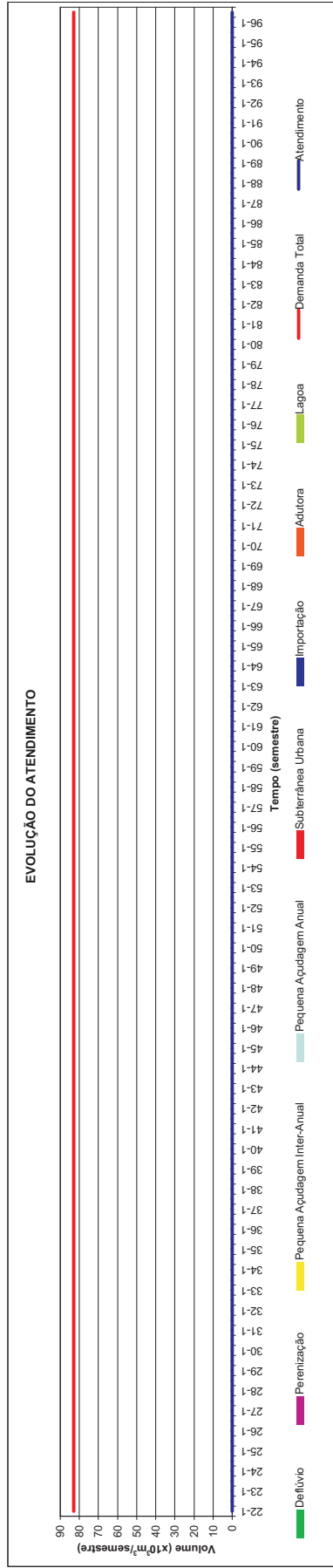




Guararu
Demanda Humana Difusa
MCP.CAC.05
 Horizonte 2020 com Infra-Estrutura Atual



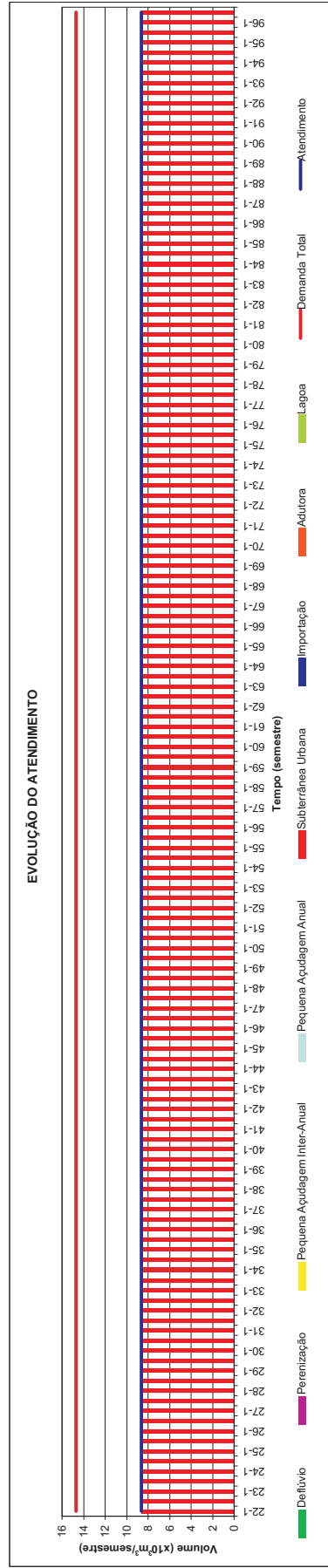
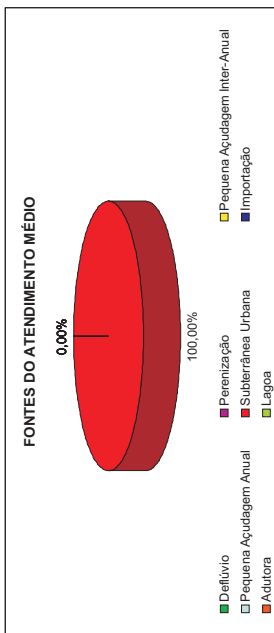
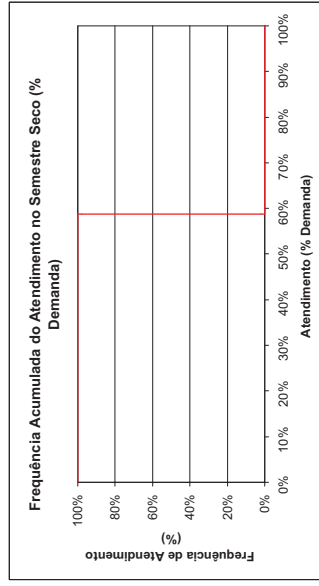
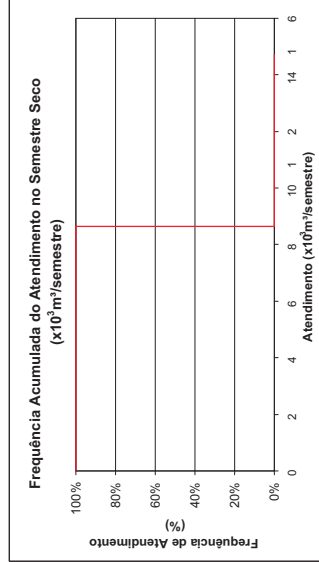
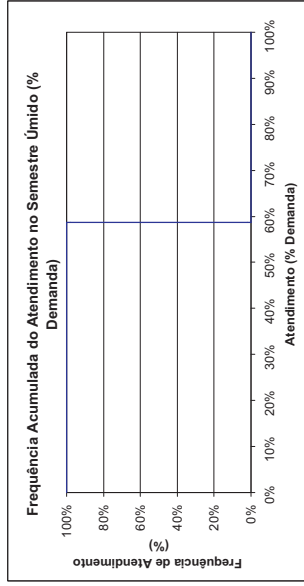
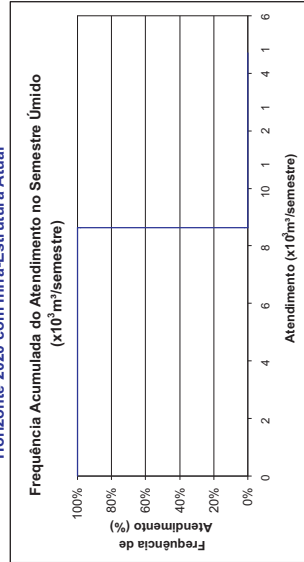
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10³m³/Semestre	% Demanda	x10³m³/Semestre	% Demanda
0%	0	0%	0	0%
10%	0	0%	0	0%
20%	0	0%	0	0%
30%	0	0%	0	0%
40%	0	0%	0	0%
50%	0	0%	0	0%
60%	0	0%	0	0%
70%	0	0%	0	0%
80%	0	0%	0	0%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Mínimo	0	0%	0	0%
Atend. Médio	0	0%	0	0%
Freq. De Felha	0	100,00%	0	100,00%
Demanda	83.124	x10³m³/semestre	5.3.4	l/s





Guassi
Demanda Humana Difusa
MCH.RED.01
Horizonte 2020 com Infra-Estrutura Atual

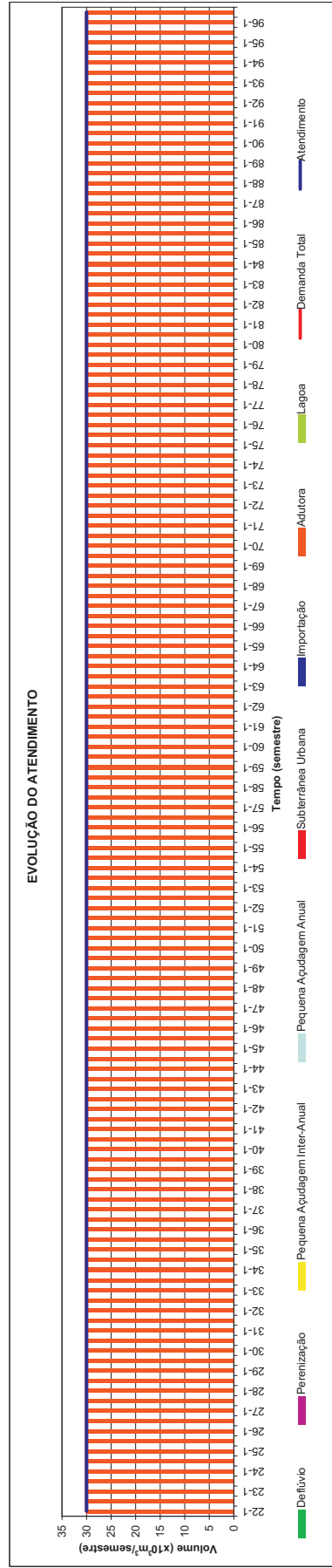
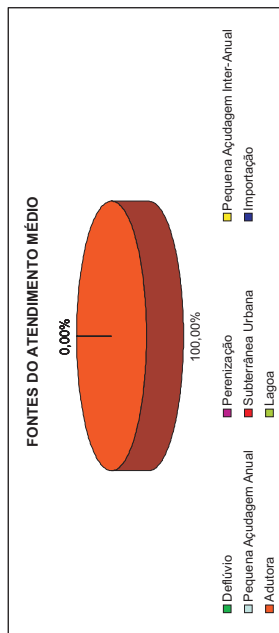
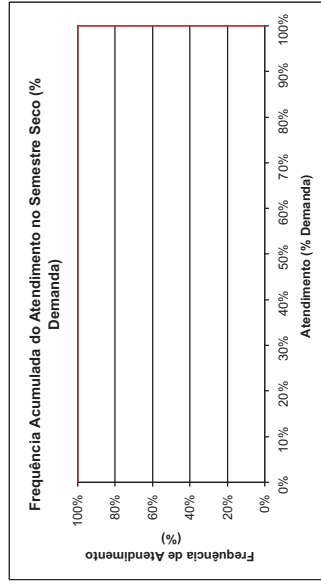
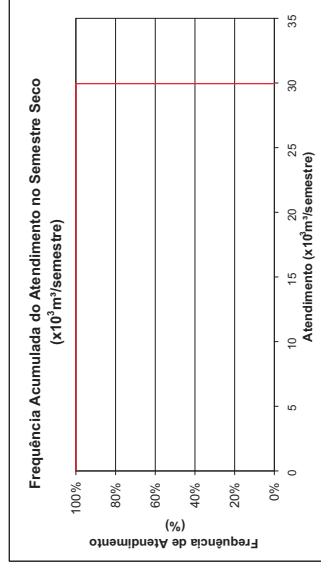
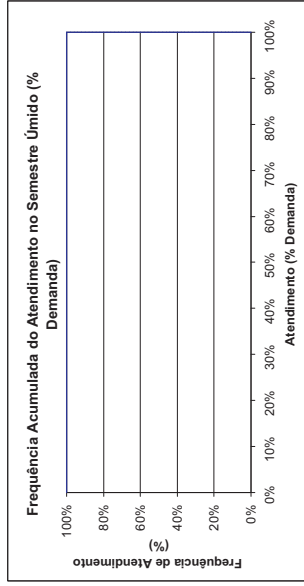
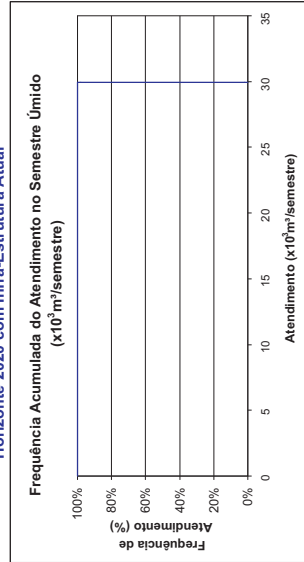
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	8,64	59%	8,64	59%
10%	8,64	59%	8,64	59%
20%	8,64	59%	8,64	59%
30%	8,64	59%	8,64	59%
40%	8,64	59%	8,64	59%
50%	8,64	59%	8,64	59%
60%	8,64	59%	8,64	59%
70%	8,64	59%	8,64	59%
80%	8,64	59%	8,64	59%
90%	8,64	59%	8,64	59%
100%	8,64	59%	8,64	59%
Atend. Médio	8,64	59%	8,64	59%
Atend. Mínimo	8,64	59%	8,64	59%
Freq. De Falha	100,00%		100,00%	
Demanda	14,712 x10³m³/semestre		0,95 l/s	





Ideal
Demanda Humana Difusa
MCH.ARC.15
 Horizonte 2020 com Infra-Estrutura Atual

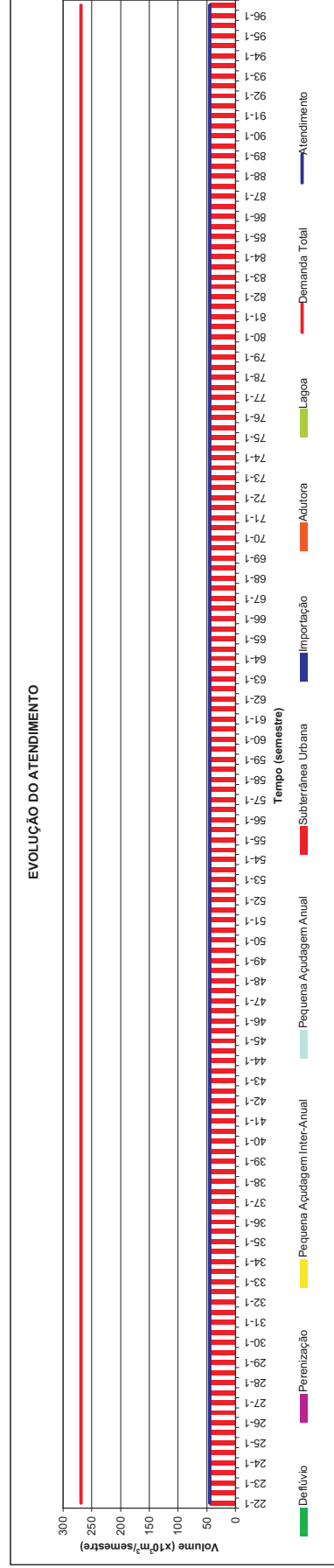
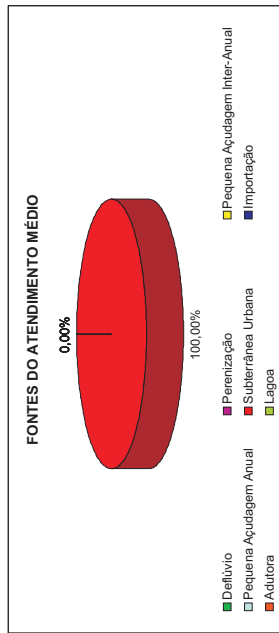
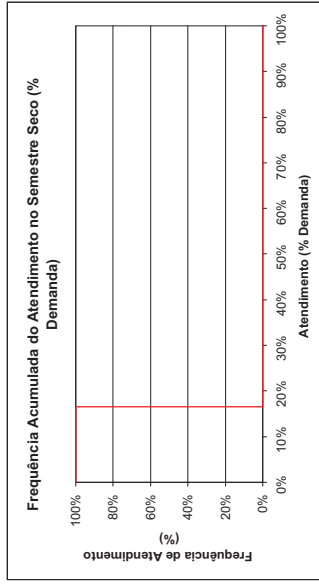
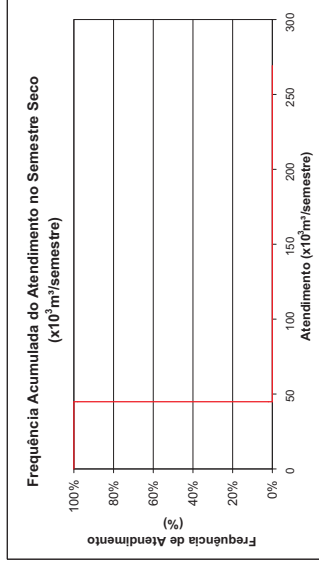
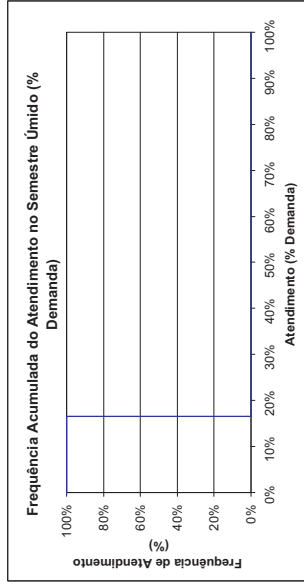
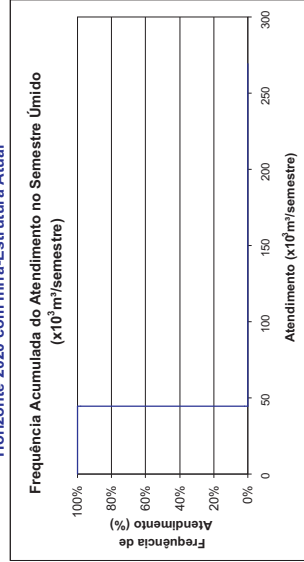
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	29.958	100%	29.958	100%
10%	29.958	100%	29.958	100%
20%	29.958	100%	29.958	100%
30%	29.958	100%	29.958	100%
40%	29.958	100%	29.958	100%
50%	29.958	100%	29.958	100%
60%	29.958	100%	29.958	100%
70%	29.958	100%	29.958	100%
80%	29.958	100%	29.958	100%
90%	29.958	100%	29.958	100%
100%	29.958	100%	29.958	100%
Atend. Mínimo	29.958	100%	29.958	100%
Freq. De Falha	0,00%		0,00%	
Demanda	29.958 x10³m³/semestre		1.93 l/s	





Iguape e Jacaúna
Demanda Humana Difusa
FED.AQU.03
 Horizonte 2020 com Infra-Estrutura Atual

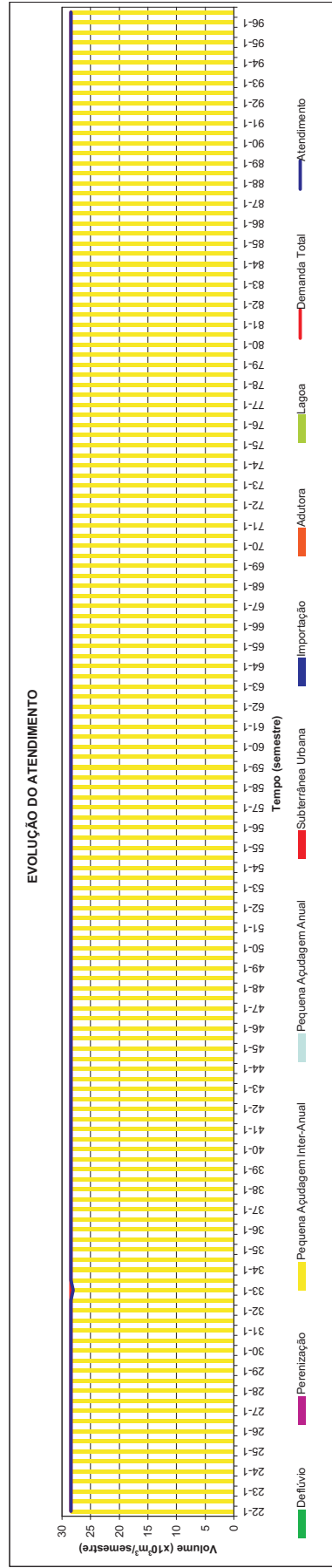
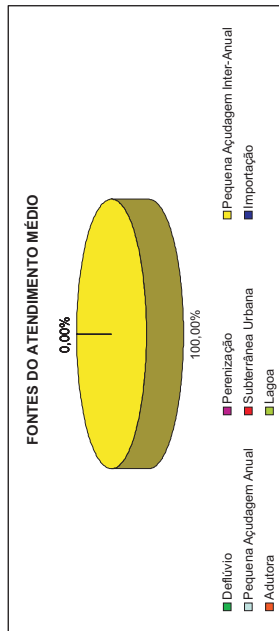
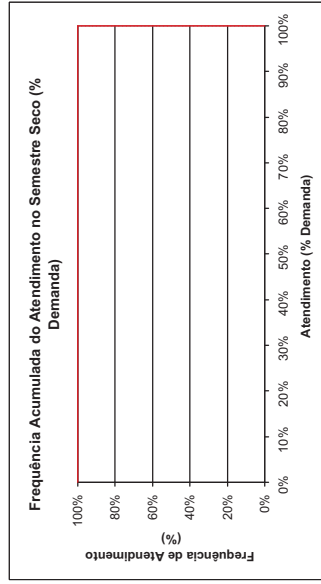
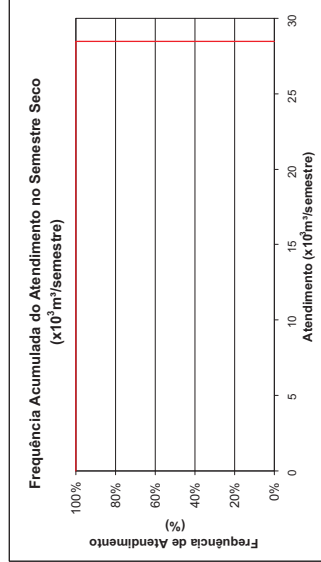
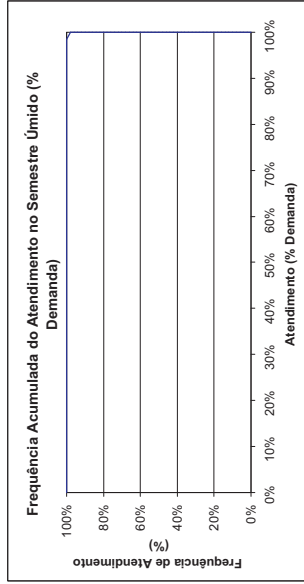
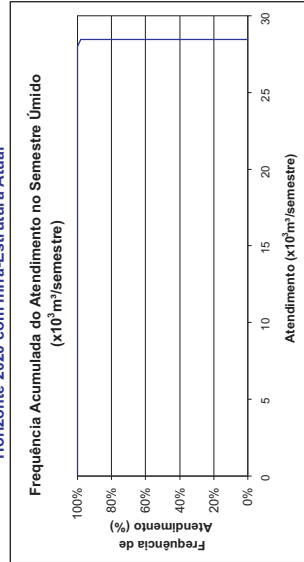
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	44.673	17%	44.673	17%
10%	44.673	17%	44.673	17%
20%	44.673	17%	44.673	17%
30%	44.673	17%	44.673	17%
40%	44.673	17%	44.673	17%
50%	44.673	17%	44.673	17%
60%	44.673	17%	44.673	17%
70%	44.673	17%	44.673	17%
80%	44.673	17%	44.673	17%
90%	44.673	17%	44.673	17%
100%	44.673	17%	44.673	17%
Atend. Médio	44.673	17%	44.673	17%
Atend. Mínimo	44.673	17%	44.673	17%
Freq. De Falha	100,00%		100,00%	
Demanda	269.190	x10³m³/semestre	17.31	l/s





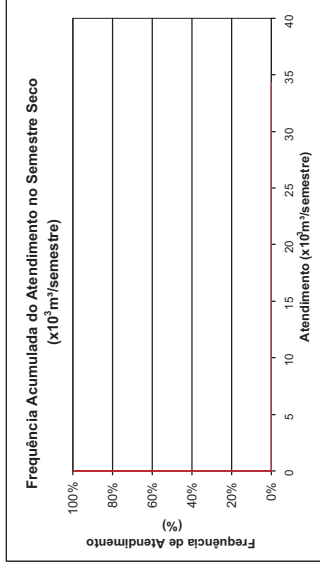
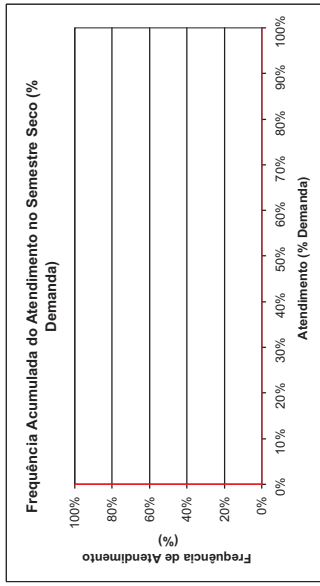
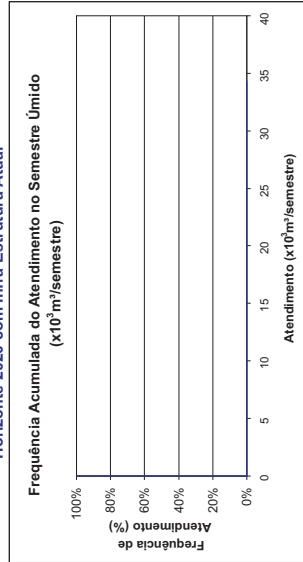
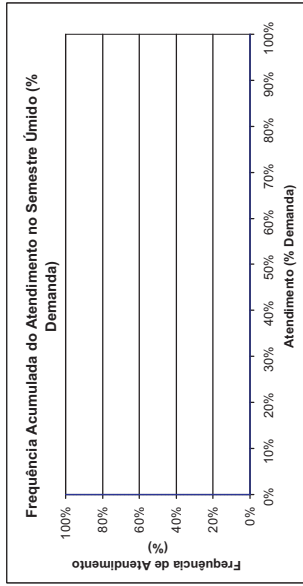
Itacima
Demanda Humana Difusa
MPA.GUB.02
 Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	28.452	100%	28.452	100%
10%	28.452	100%	28.452	100%
20%	28.452	100%	28.452	100%
30%	28.452	100%	28.452	100%
40%	28.452	100%	28.452	100%
50%	28.452	100%	28.452	100%
60%	28.452	100%	28.452	100%
70%	28.452	100%	28.452	100%
80%	28.452	100%	28.452	100%
90%	28.007	98%	28.452	100%
100%	28.452	100%	28.452	100%
Atend. Mínimo	28.007	98%	28.452	100%
Atend. Médio	28.007	98%	28.452	100%
Freq. De Falha	1,33%		0,00%	
Demanda	28.452	x10³m³/semestre	1.83	l/s

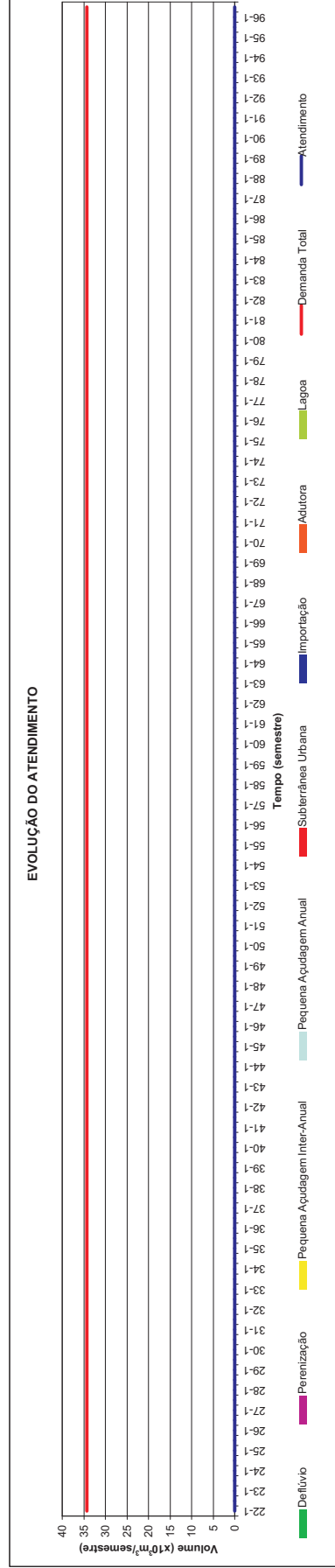




Itaipaba
Demanda Humana Difusa
MCH.PAC.02
 Horizonte 2020 com Infra-Estrutura Atual

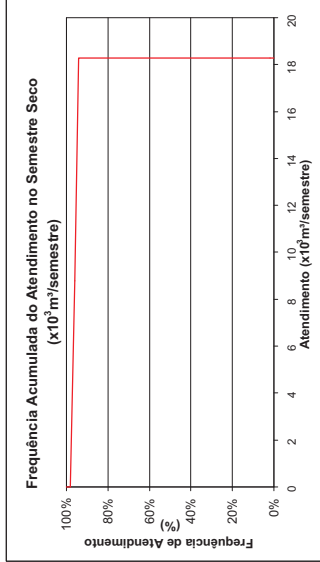
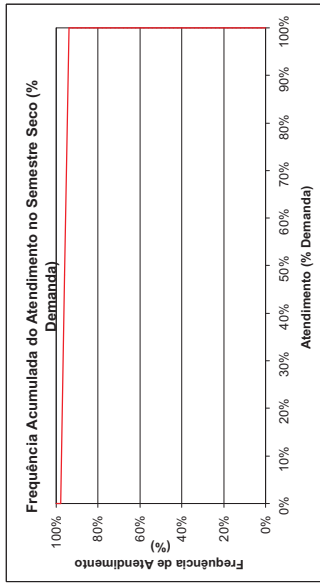
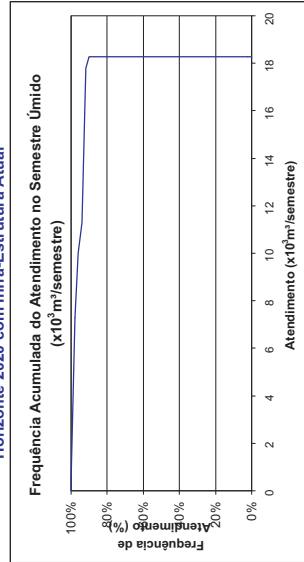
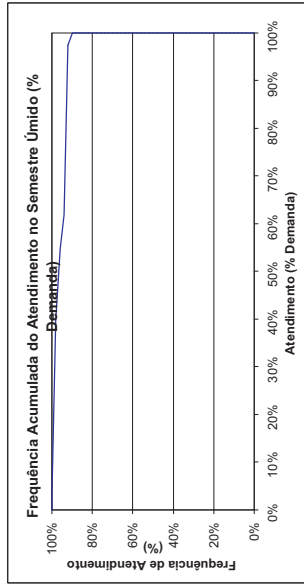


FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10³m³/Semestre	% Demanda	x10³m³/Semestre	% Demanda
0%	0	0%	0	0%
10%	0	0%	0	0%
20%	0	0%	0	0%
30%	0	0%	0	0%
40%	0	0%	0	0%
50%	0	0%	0	0%
60%	0	0%	0	0%
70%	0	0%	0	0%
80%	0	0%	0	0%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Mínimo	0	0%	0	0%
Atend. Médio	0	0%	0	0%
Freq. De Falha	0	100,00%	0	100,00%
Demanda	34,350	x10³m³/semestre	2,21	l/s

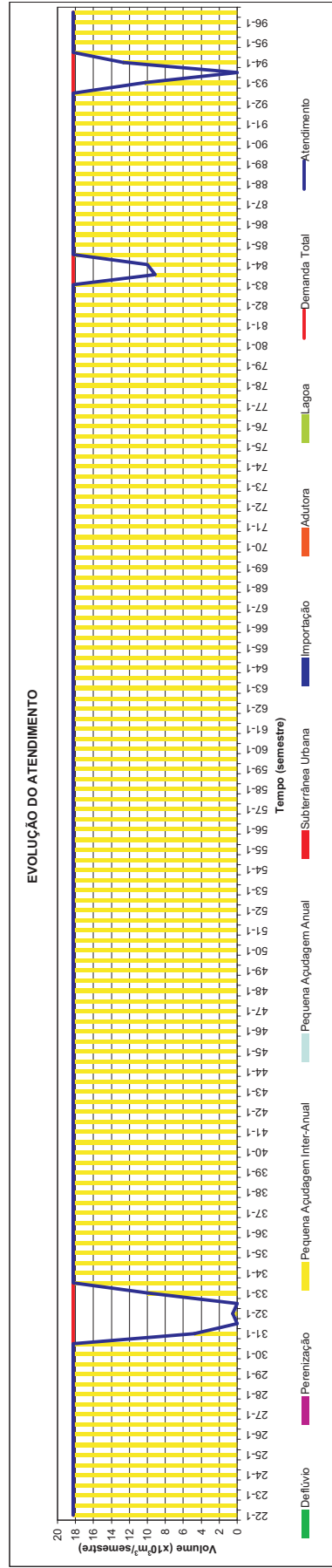
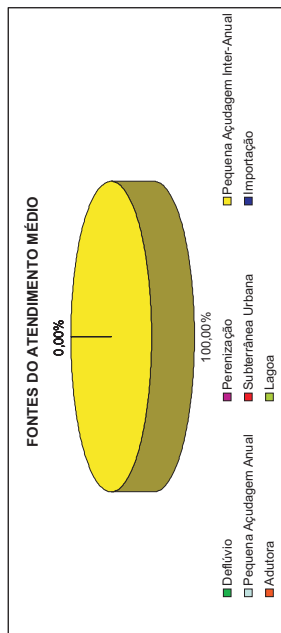




Itans
Demanda Humana Difusa
MCH.ITU.05
 Horizonte 2020 com Infra-Estrutura Atual



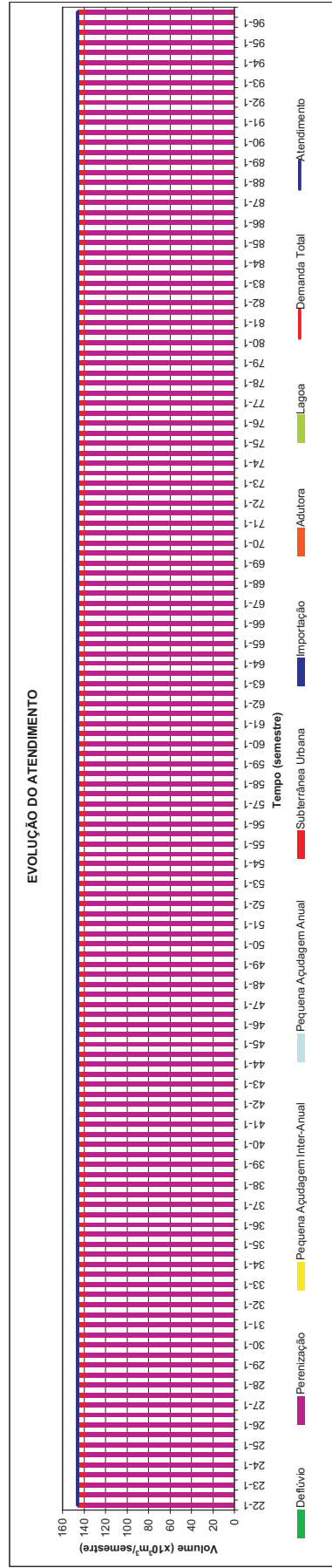
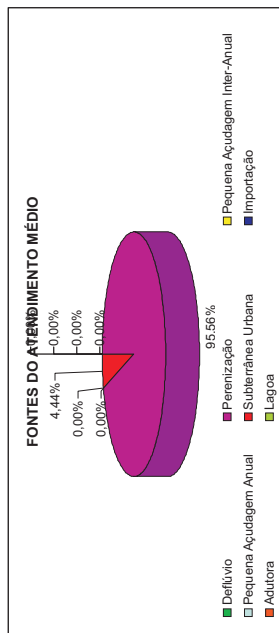
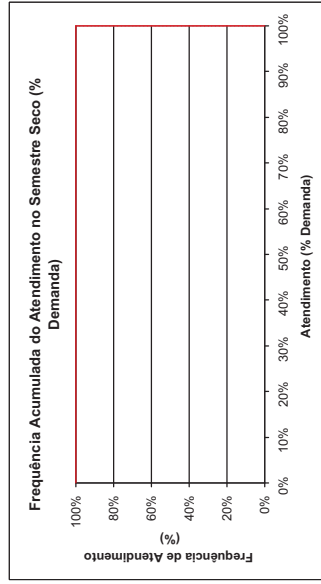
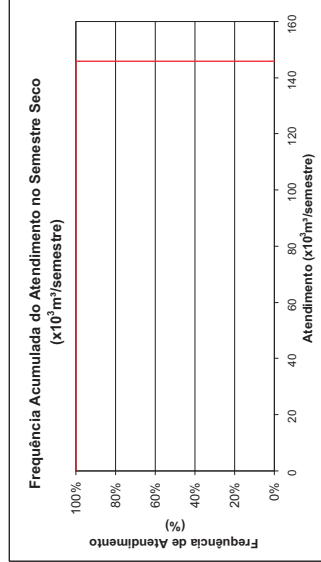
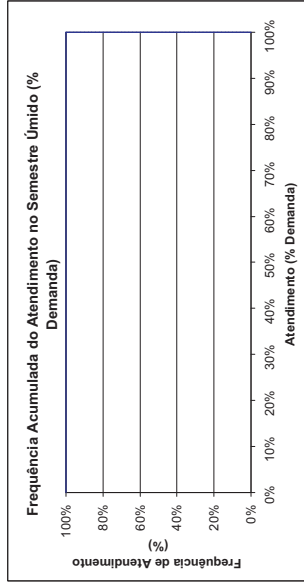
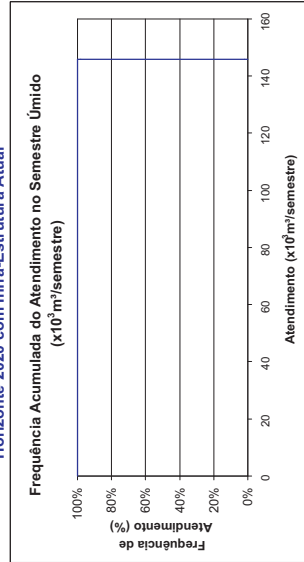
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	18.276	100%	18.276	100%
10%	18.276	100%	18.276	100%
20%	18.276	100%	18.276	100%
30%	18.276	100%	18.276	100%
40%	18.276	100%	18.276	100%
50%	18.276	100%	18.276	100%
60%	18.276	100%	18.276	100%
70%	18.276	100%	18.276	100%
80%	18.276	100%	18.276	100%
90%	18.276	100%	18.276	100%
100%	0.485	3%	0	0%
Atend. Médio	18.276	100%	18.276	100%
Freq. De Falha	0.485	9.33%	0	5.33%
Demanda	18.276 x10³m³/semestre		1.118 l/s	





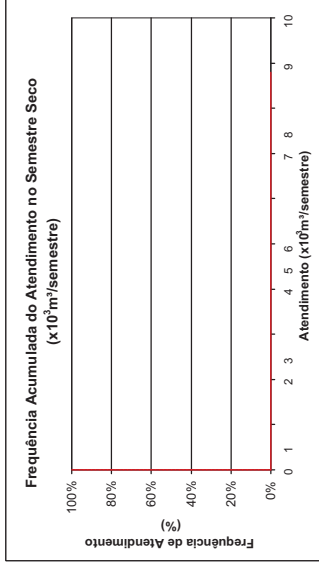
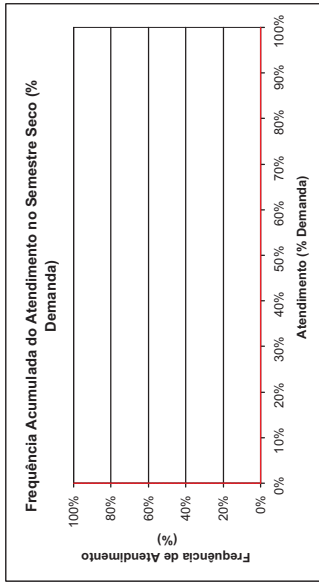
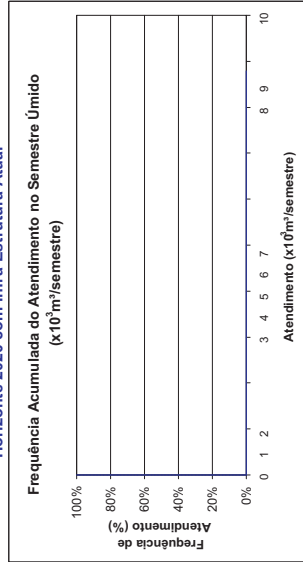
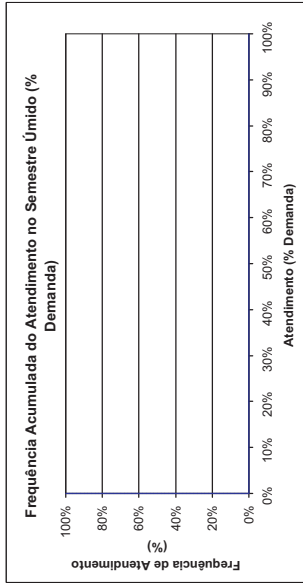
Itapebussu
Demanda Humana Difusa
MSG.MAN.07
 Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	145.938	100%	145.938	100%
10%	145.938	100%	145.938	100%
20%	145.938	100%	145.938	100%
30%	145.938	100%	145.938	100%
40%	145.938	100%	145.938	100%
50%	145.938	100%	145.938	100%
60%	145.938	100%	145.938	100%
70%	145.938	100%	145.938	100%
80%	145.938	100%	145.938	100%
90%	145.938	100%	145.938	100%
100%	145.938	100%	145.938	100%
Atend. Mínimo	145.938	100%	145.938	100%
Freq. De Falha	0.00%		0.00%	
Demanda	145.938 x10³m³/semestre		9.38 l/s	

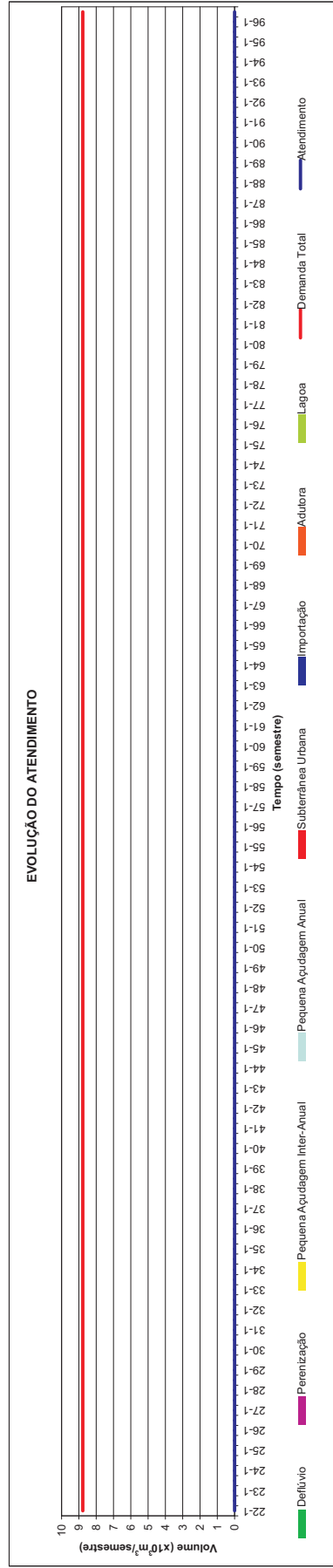
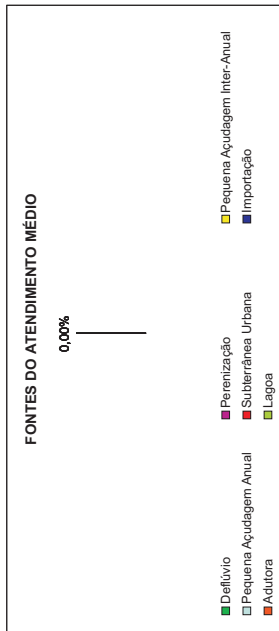




Itapeim
Demanda Humana Difusa
MPIBEB.13
Horizonte 2020 com Infra-Estrutura Atual



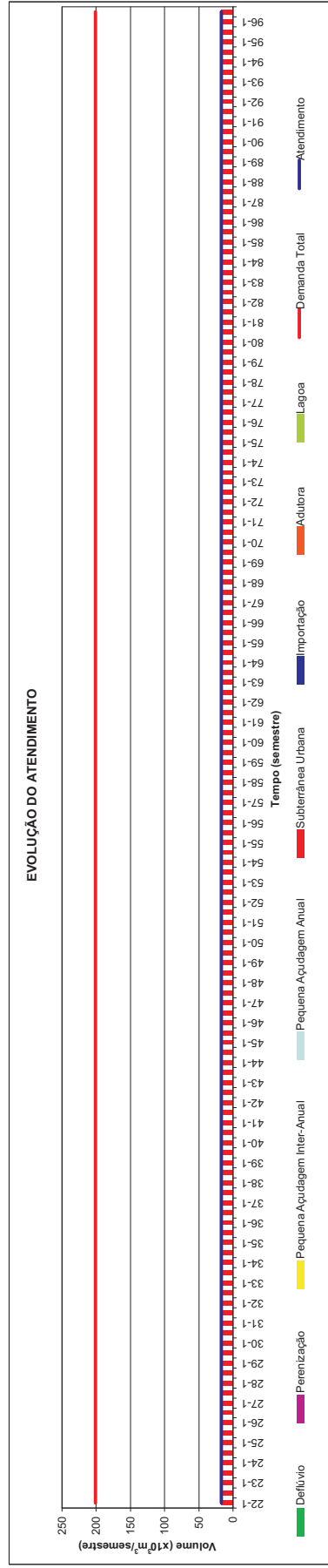
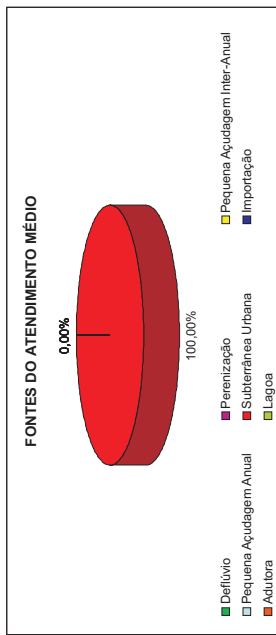
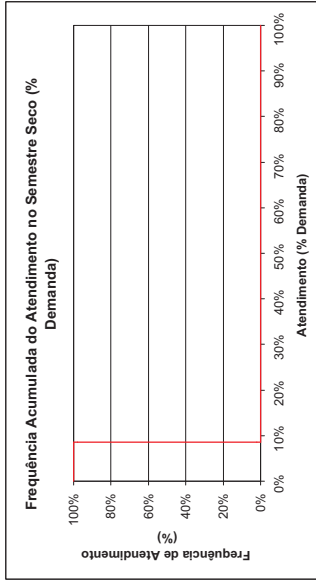
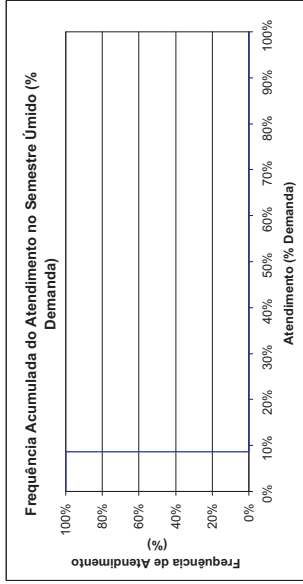
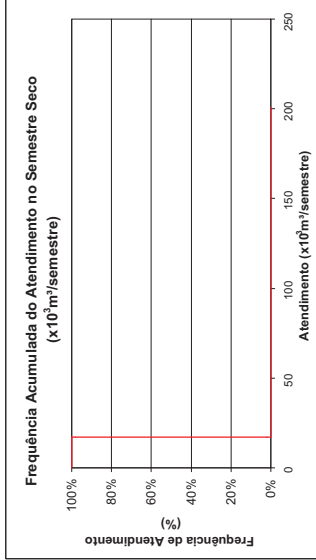
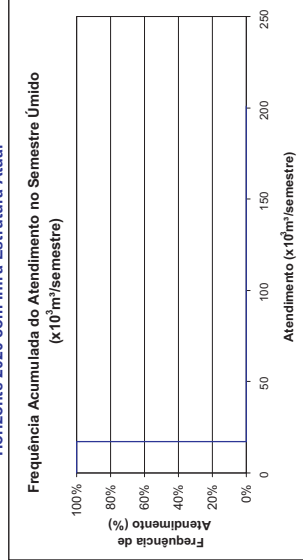
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ⁶ m ³ /Semestre	% Demanda	x10 ⁶ m ³ /Semestre	% Demanda
0%	0	0%	0	0%
10%	0	0%	0	0%
20%	0	0%	0	0%
30%	0	0%	0	0%
40%	0	0%	0	0%
50%	0	0%	0	0%
60%	0	0%	0	0%
70%	0	0%	0	0%
80%	0	0%	0	0%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Médio	0	0%	0	0%
Atend. Mínimo	0	0%	0	0%
Freq. De Falha	0	0%	0	0%
Demanda	100,00%	8.790 x10⁶m³/semestre	100,00%	0,57 l/s





Jacarecoara
Demanda Humana Difusa
MCH.CAV04
Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	17,28	9%	17,28	9%
10%	17,28	9%	17,28	9%
20%	17,28	9%	17,28	9%
30%	17,28	9%	17,28	9%
40%	17,28	9%	17,28	9%
50%	17,28	9%	17,28	9%
60%	17,28	9%	17,28	9%
70%	17,28	9%	17,28	9%
80%	17,28	9%	17,28	9%
90%	17,28	9%	17,28	9%
100%	17,28	9%	17,28	9%
Atend. Médio	17,28	9%	17,28	9%
Atend. Mínimo	17,28	9%	17,28	9%
Freq. De Falha	100,00%		100,00%	
Demanda	200.892 x10³m³/semestre		12.92 l/s	

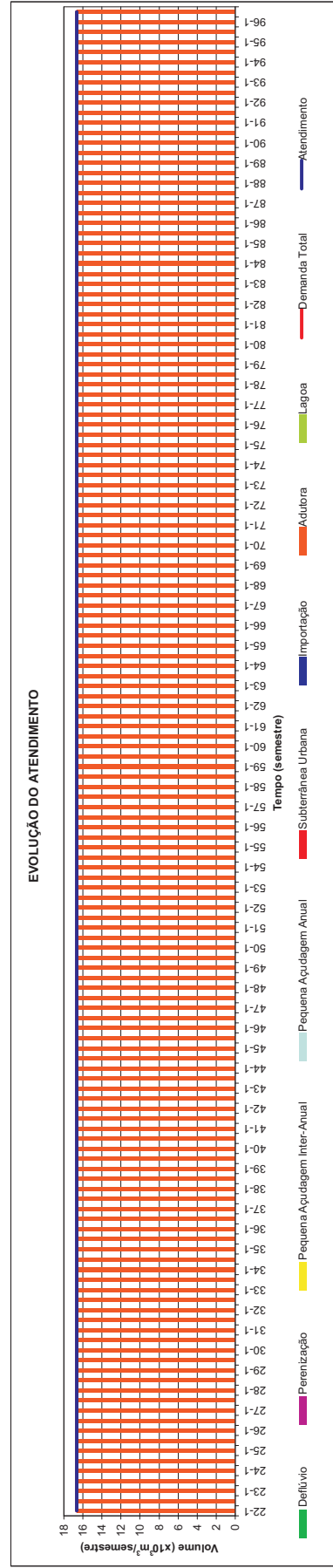
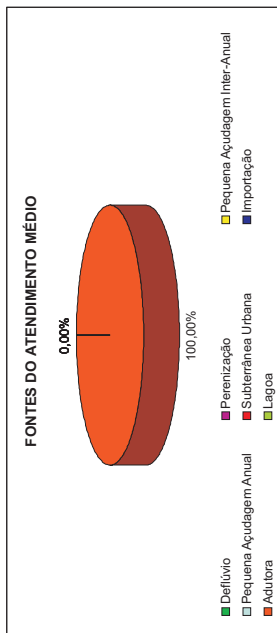
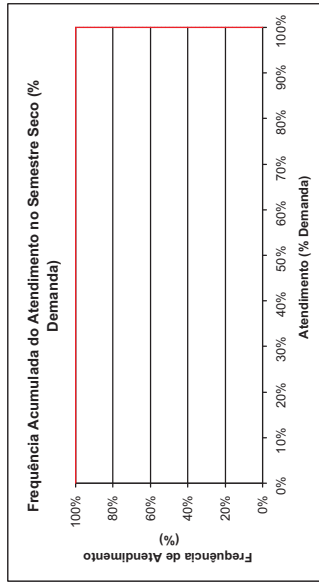
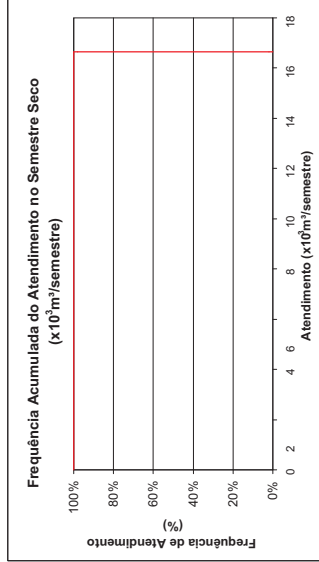
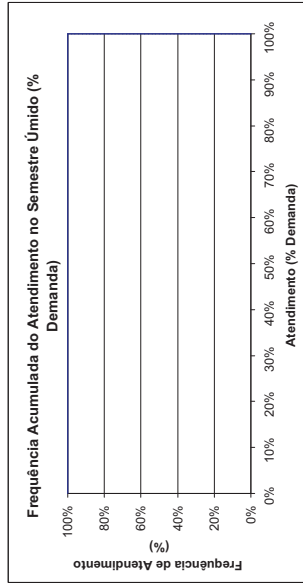
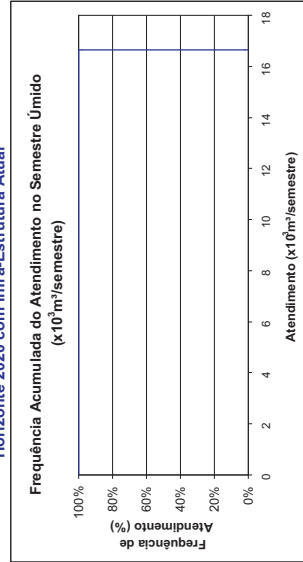




Jacurutu e São Pedro
Demanda Humana Difusa
MCP.CAC.10

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	16.638	100%	16.638	100%
10%	16.638	100%	16.638	100%
20%	16.638	100%	16.638	100%
30%	16.638	100%	16.638	100%
40%	16.638	100%	16.638	100%
50%	16.638	100%	16.638	100%
60%	16.638	100%	16.638	100%
70%	16.638	100%	16.638	100%
80%	16.638	100%	16.638	100%
90%	16.638	100%	16.638	100%
100%	16.638	100%	16.638	100%
Atend. Mínimo	16.638	100%	16.638	100%
Freq. De Falha	0,00%		0,00%	
Demanda	16.638 x10³m³/semestre		1,07 l/s	

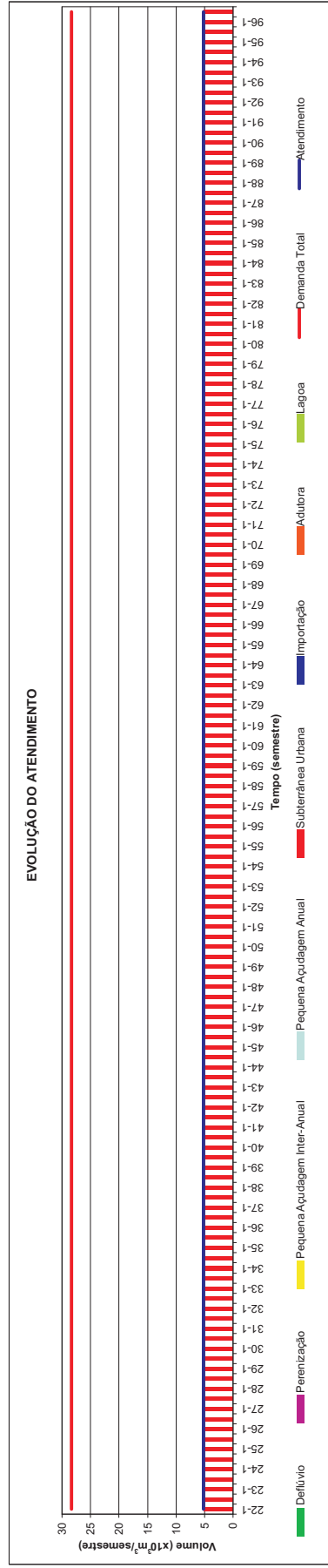
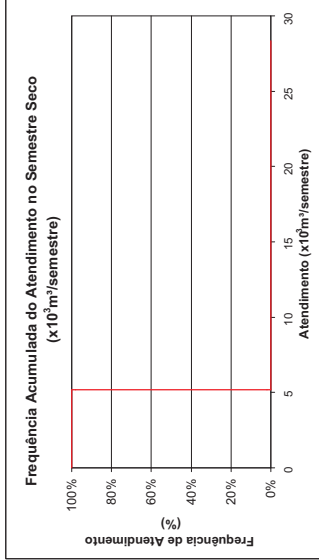
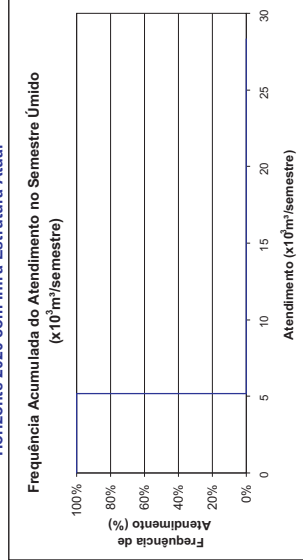
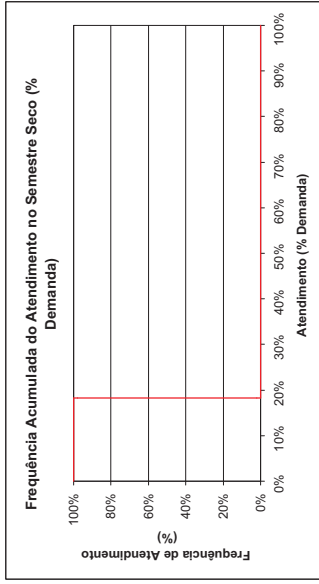
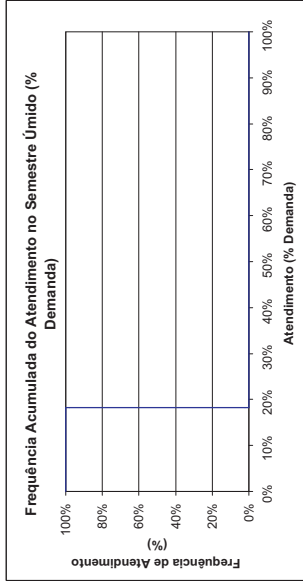
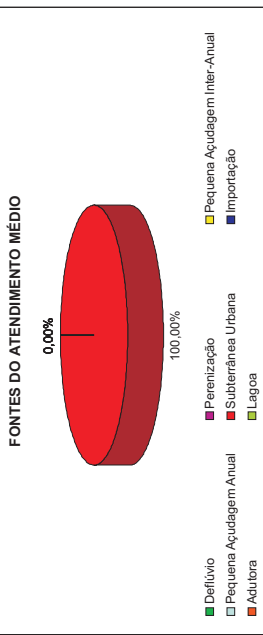




Jaguarião e Pedra Branca Demanda Humana Difusa MCH.ARC.06

Horizonte 2020 com Infra-Estrutura Atual

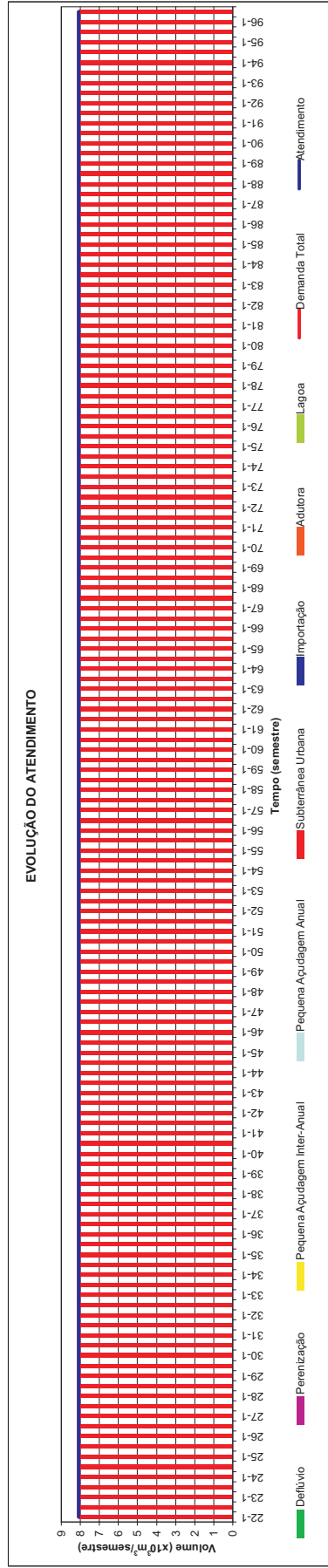
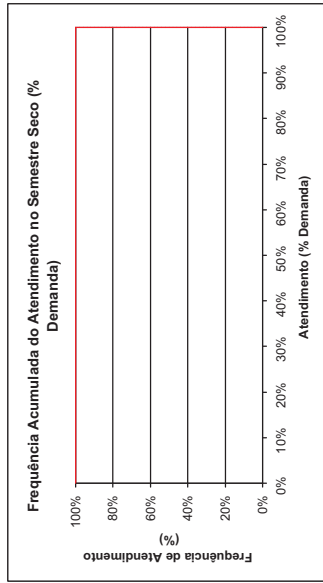
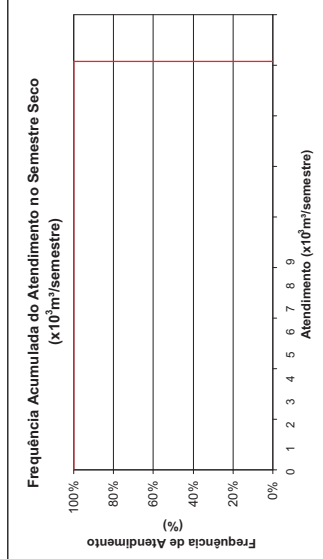
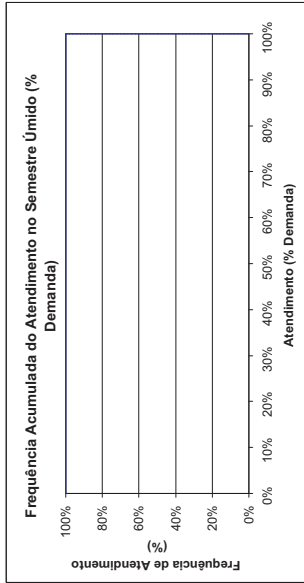
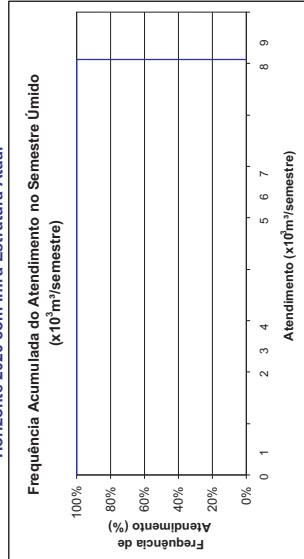
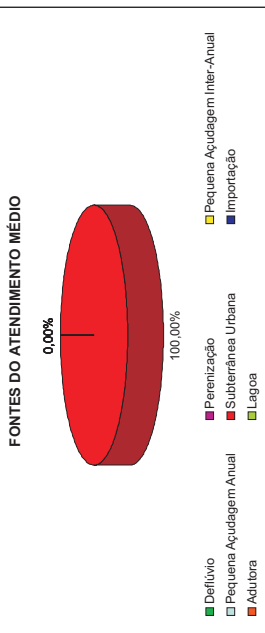
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	5.184	18%	5.184	18%
10%	5.184	18%	5.184	18%
20%	5.184	18%	5.184	18%
30%	5.184	18%	5.184	18%
40%	5.184	18%	5.184	18%
50%	5.184	18%	5.184	18%
60%	5.184	18%	5.184	18%
70%	5.184	18%	5.184	18%
80%	5.184	18%	5.184	18%
90%	5.184	18%	5.184	18%
100%	5.184	18%	5.184	18%
Atend. Médio	5.184	18%	5.184	18%
Atend. Mínimo	5.184	18%	5.184	18%
Freq. De Falha	100,00%		100,00%	
Demanda	28.344 x10³m³/semestre		1.82 l/s	

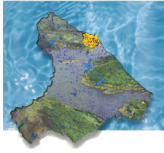




Jenipapeiro
Demanda Humana Difusa
MCH.ARC.02
 Horizonte 2020 com Infra-Estrutura Atual

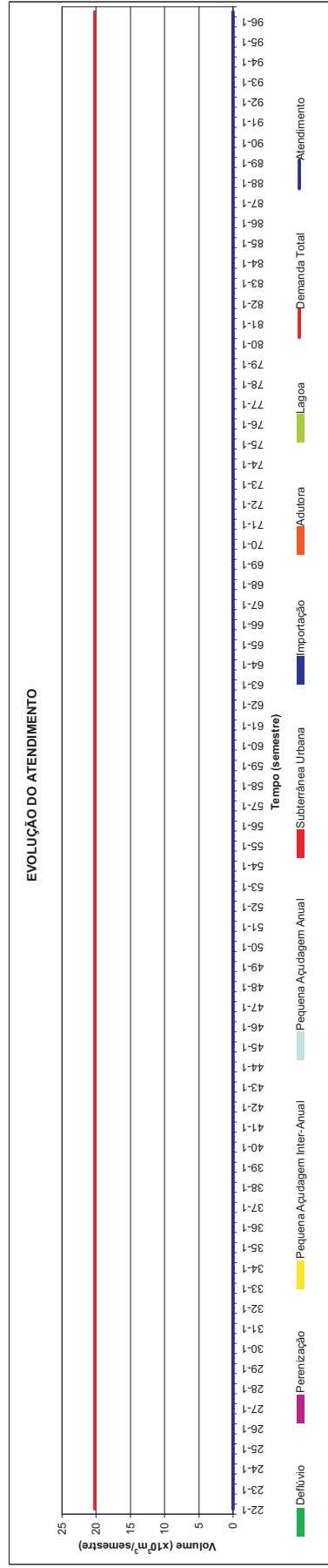
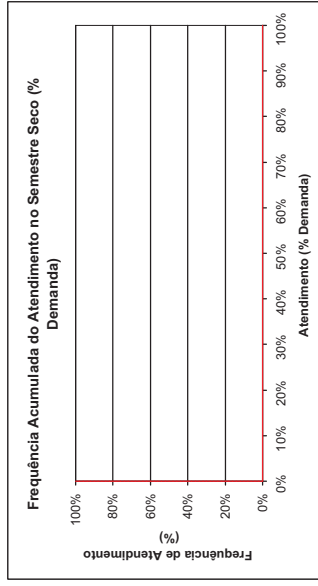
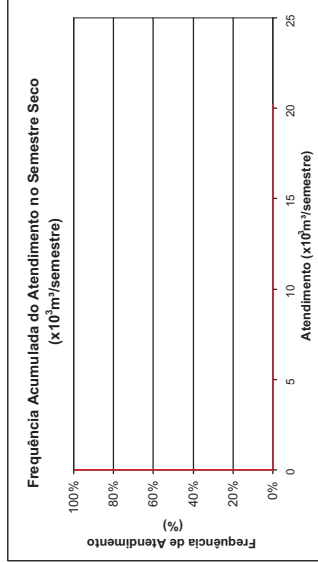
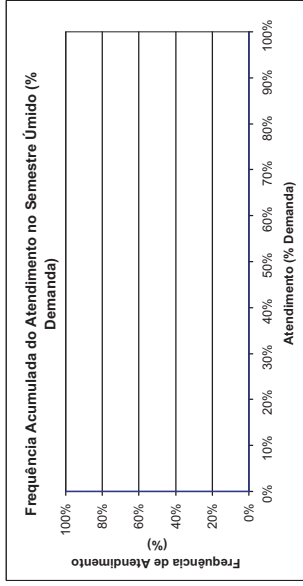
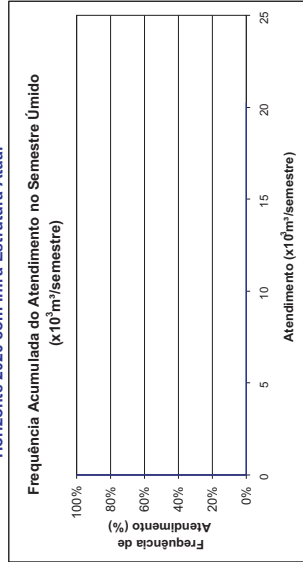
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	8,082	100%	8,082	100%
10%	8,082	100%	8,082	100%
20%	8,082	100%	8,082	100%
30%	8,082	100%	8,082	100%
40%	8,082	100%	8,082	100%
50%	8,082	100%	8,082	100%
60%	8,082	100%	8,082	100%
70%	8,082	100%	8,082	100%
80%	8,082	100%	8,082	100%
90%	8,082	100%	8,082	100%
100%	8,082	100%	8,082	100%
Atend. Mínimo	8,082	100%	8,082	100%
Freq. De Falha	0,00%		0,00%	
Demanda	8,082 x10³m³/semestre		0,52 l/s	





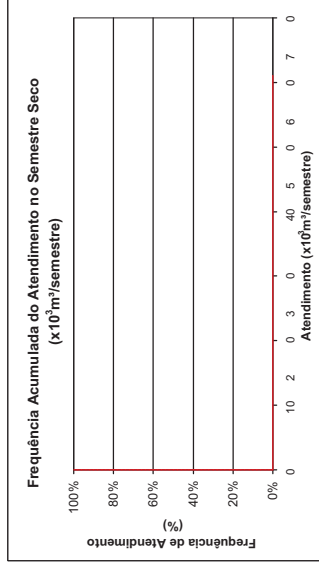
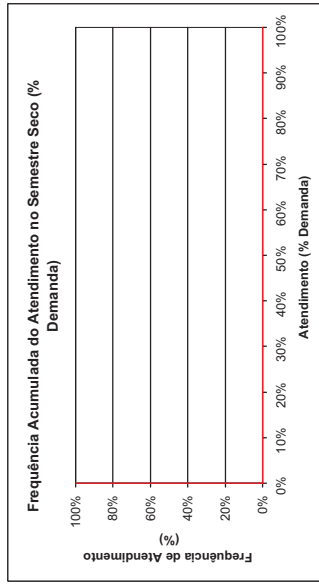
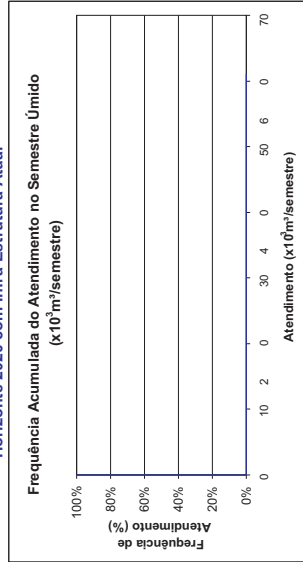
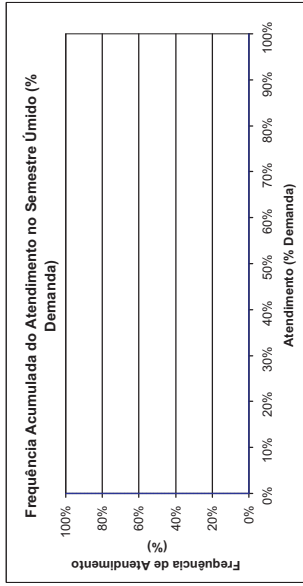
Jirau
Demanda Humana Difusa
MPIARA.01
Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	0	0%	0	0%
10%	0	0%	0	0%
20%	0	0%	0	0%
30%	0	0%	0	0%
40%	0	0%	0	0%
50%	0	0%	0	0%
60%	0	0%	0	0%
70%	0	0%	0	0%
80%	0	0%	0	0%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Médio	0	0%	0	0%
Atend. Mínimo	0	0%	0	0%
Freq. De Falha	0	0%	0	0%
Demanda	100,00%	20.220 x10³m³/semestre	100,00%	1.30 l/s

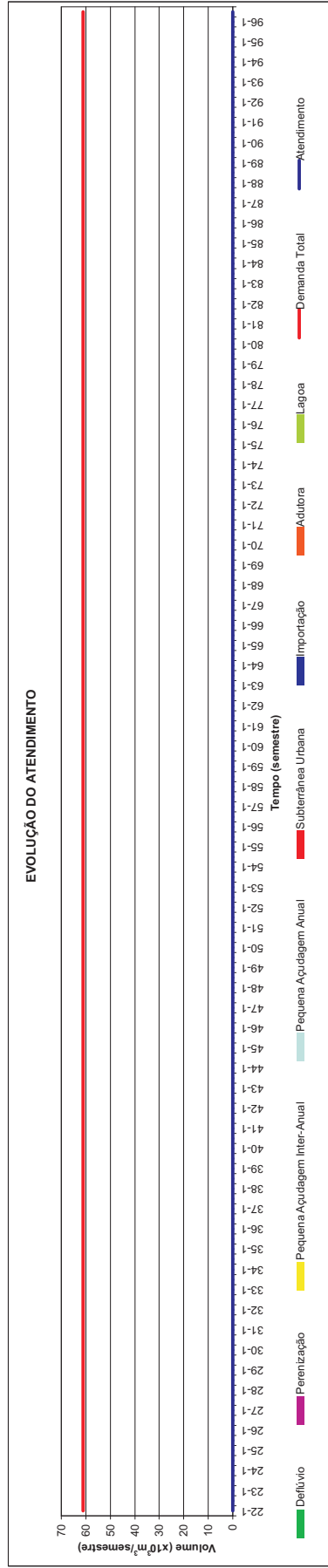


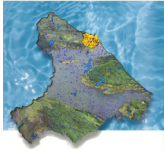


Jubaia
Demanda Humana Difusa
MPA.MAN.07
Horizonte 2020 com Infra-Estrutura Atual



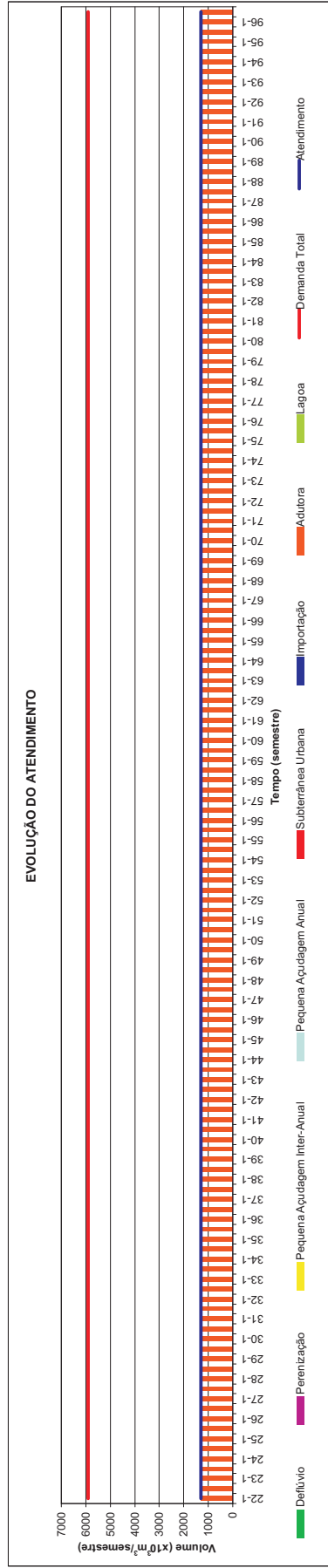
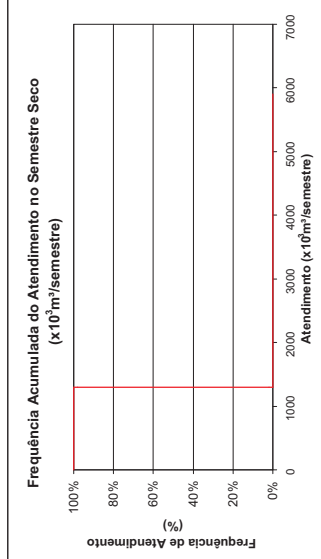
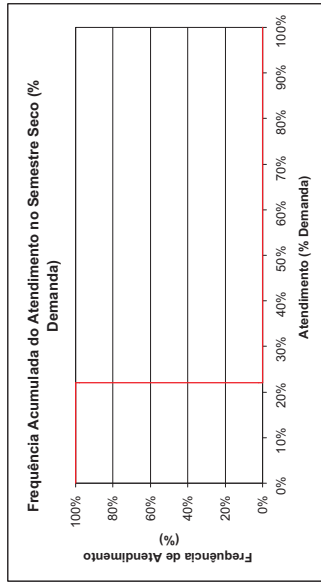
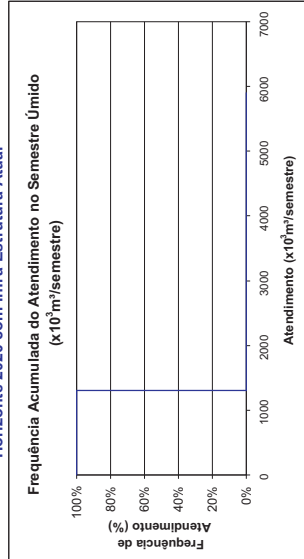
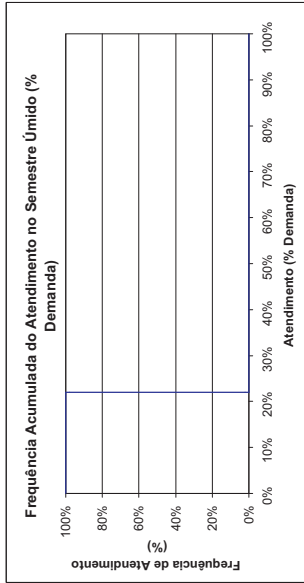
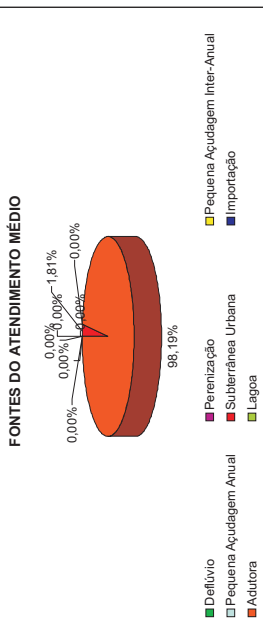
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ⁶ m ³ /Semestre	% Demanda	x10 ⁶ m ³ /Semestre	% Demanda
0%	0	0%	0	0%
10%	0	0%	0	0%
20%	0	0%	0	0%
30%	0	0%	0	0%
40%	0	0%	0	0%
50%	0	0%	0	0%
60%	0	0%	0	0%
70%	0	0%	0	0%
80%	0	0%	0	0%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Médio	0	0%	0	0%
Atend. Mínimo	0	0%	0	0%
Freq. De Falha	0	0%	0	0%
Demanda	100,00%	61,063 x10⁶m³/semestre	100,00%	3,93 l/s





Jurema
Demanda Humana Difusa
MCE.CAC.17
Horizonte 2020 com Infra-Estrutura Atual

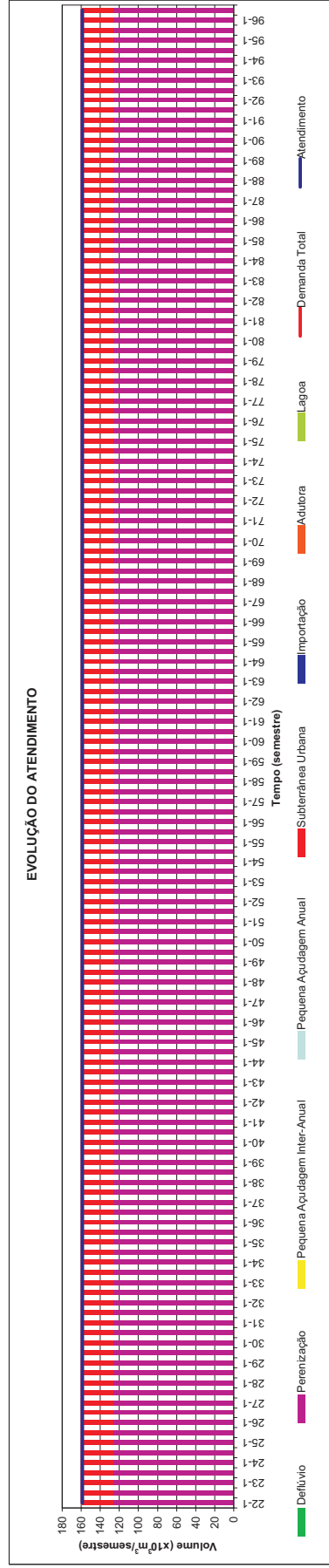
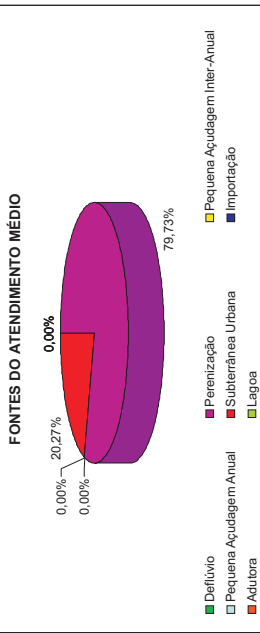
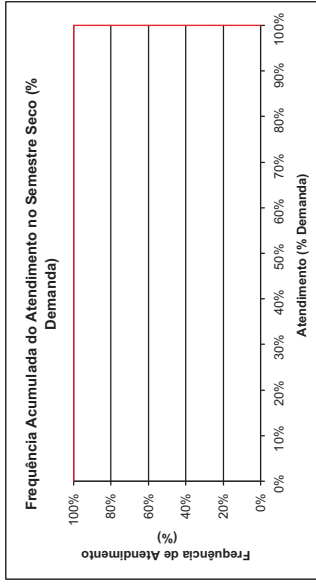
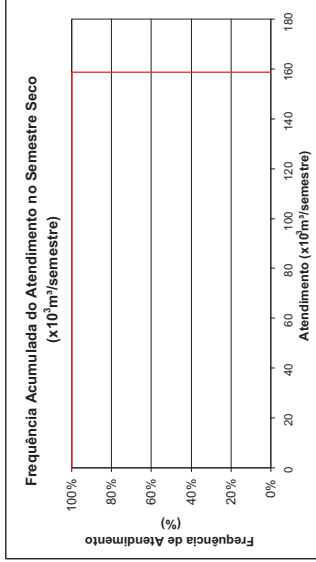
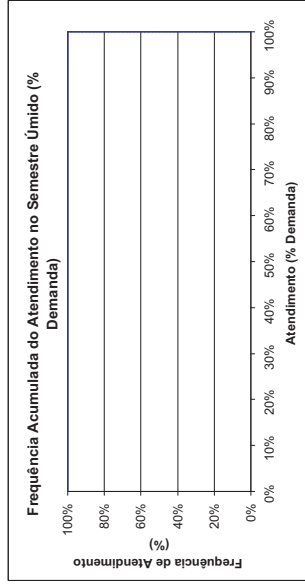
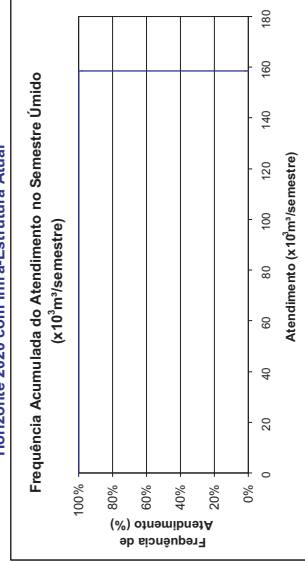
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	1300,555	22%	1300,555	22%
10%	1300,555	22%	1300,555	22%
20%	1300,555	22%	1300,555	22%
30%	1300,555	22%	1300,555	22%
40%	1300,555	22%	1300,555	22%
50%	1300,555	22%	1300,555	22%
60%	1300,555	22%	1300,555	22%
70%	1300,555	22%	1300,555	22%
80%	1300,555	22%	1300,555	22%
90%	1300,555	22%	1300,555	22%
100%	1300,555	22%	1300,555	22%
Atend. Médio	1300,555	22%	1300,555	22%
Atend. Mínimo	1300,555	22%	1300,555	22%
Freq. De Falha	100,00%		100,00%	
Demanda	5.901,673 x10³m³/semestre		379,48 l/s	





Justinião de Serpa
Demanda Humana Difusa
MCA.AQU.01
Horizonte 2020 com Infra-Estrutura Atual

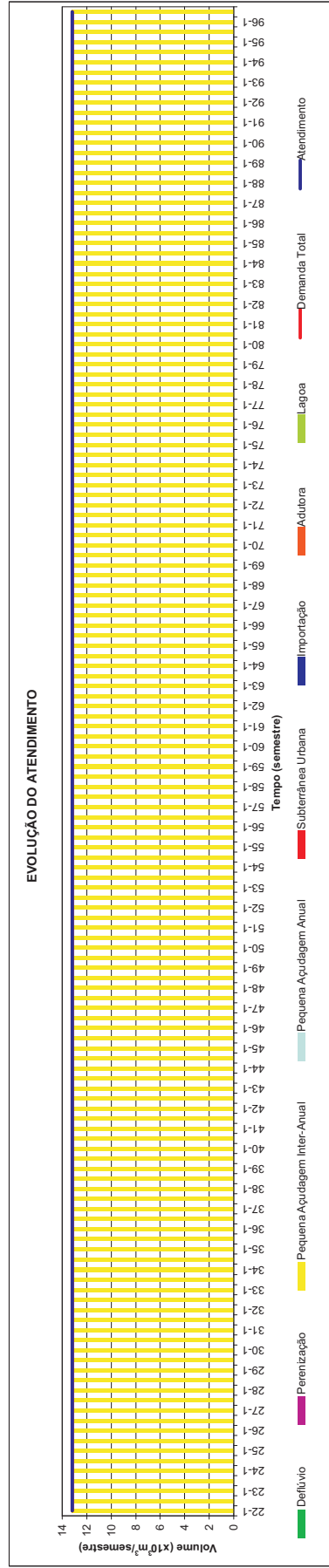
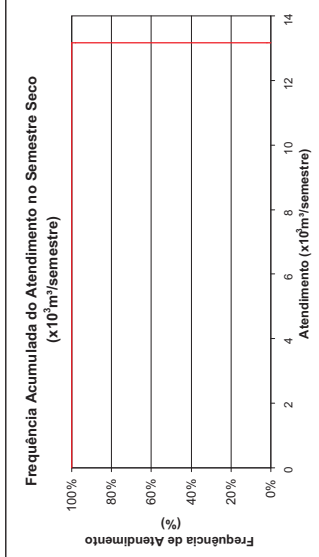
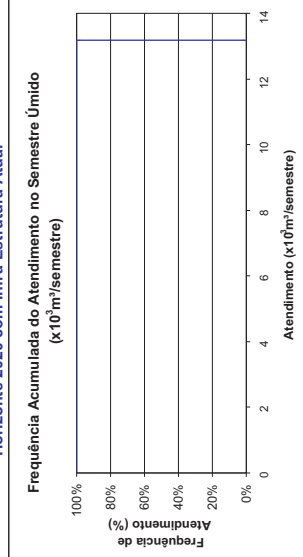
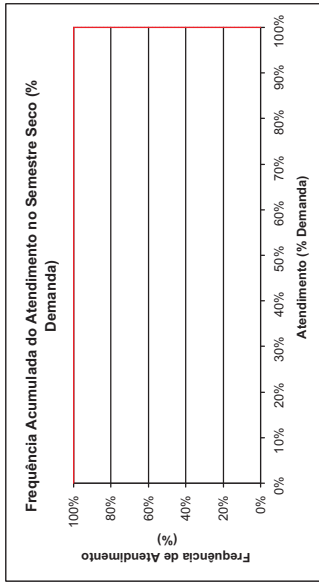
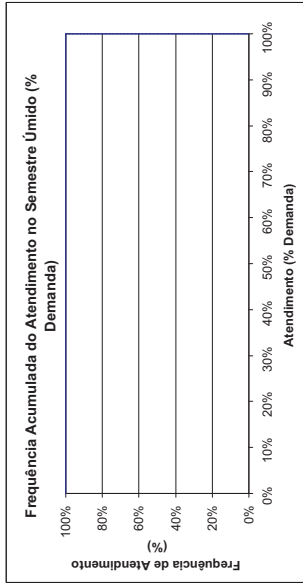
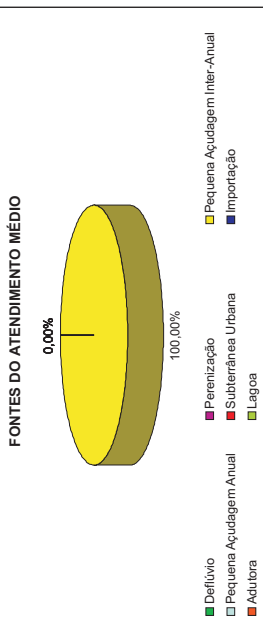
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	158,64	100%	158,64	100%
10%	158,64	100%	158,64	100%
20%	158,64	100%	158,64	100%
30%	158,64	100%	158,64	100%
40%	158,64	100%	158,64	100%
50%	158,64	100%	158,64	100%
60%	158,64	100%	158,64	100%
70%	158,64	100%	158,64	100%
80%	158,64	100%	158,64	100%
90%	158,64	100%	158,64	100%
100%	158,64	100%	158,64	100%
Atend. Médio	158,64	100%	158,64	100%
Freq. De Falha	0,00%		0,00%	
Demanda	158.640 x10³m³/semestre		10.20 l/s	

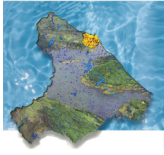




Ladeira Grande
Demanda Humana Difusa
MMA.MAN.01
 Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	13.176	100%	13.176	100%
10%	13.176	100%	13.176	100%
20%	13.176	100%	13.176	100%
30%	13.176	100%	13.176	100%
40%	13.176	100%	13.176	100%
50%	13.176	100%	13.176	100%
60%	13.176	100%	13.176	100%
70%	13.176	100%	13.176	100%
80%	13.176	100%	13.176	100%
90%	13.176	100%	13.176	100%
100%	13.176	100%	13.176	100%
Atend. Médio	13.176	100%	13.176	100%
Atend. Mínimo	13.176	100%	13.176	100%
Freq. De Falha	0,00%		0,00%	
Demanda	13.176 x10³ m³/semestre		0,85 l/s	

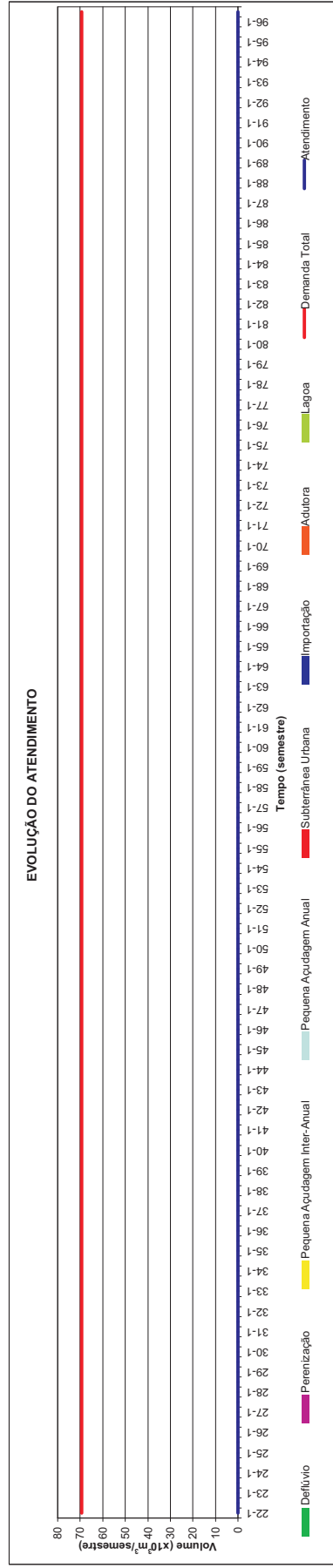
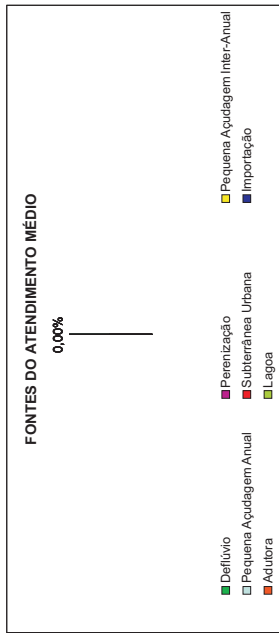
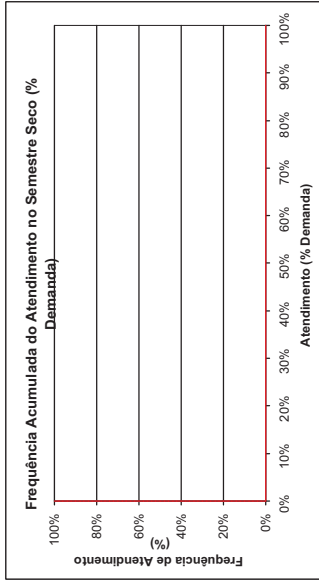
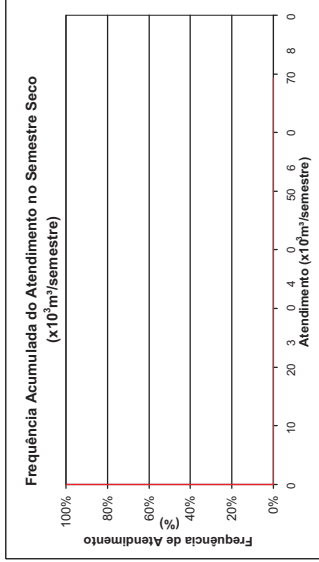
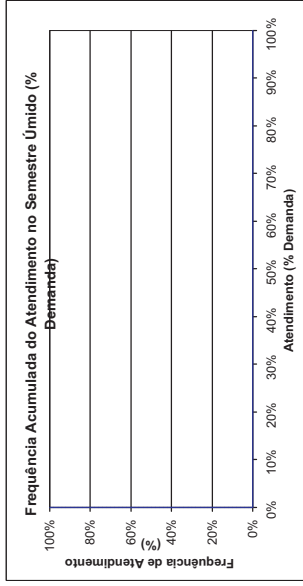
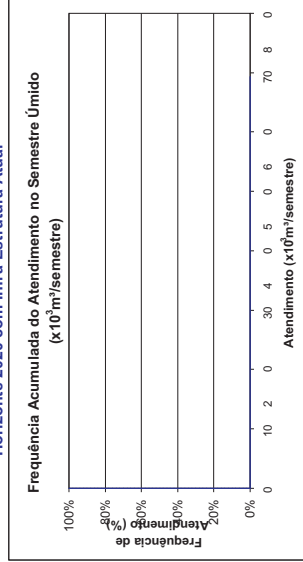


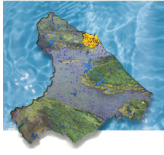


Lages e Umarizeiras
Demanda Humana Difusa
MPA.MAN.04

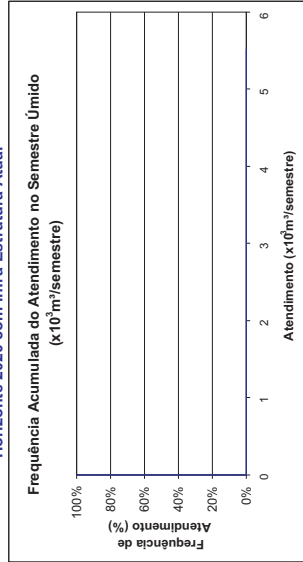
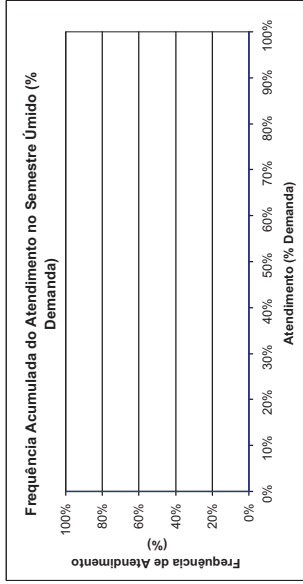
Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	0	0%	0	0%
10%	0	0%	0	0%
20%	0	0%	0	0%
30%	0	0%	0	0%
40%	0	0%	0	0%
50%	0	0%	0	0%
60%	0	0%	0	0%
70%	0	0%	0	0%
80%	0	0%	0	0%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Médio	0	0%	0	0%
Atend. Mínimo	0	0%	0	0%
Freq. De Falha	100,00%		100,00%	
Demanda	69.306 x10³m³/semestre		4.46 l/s	

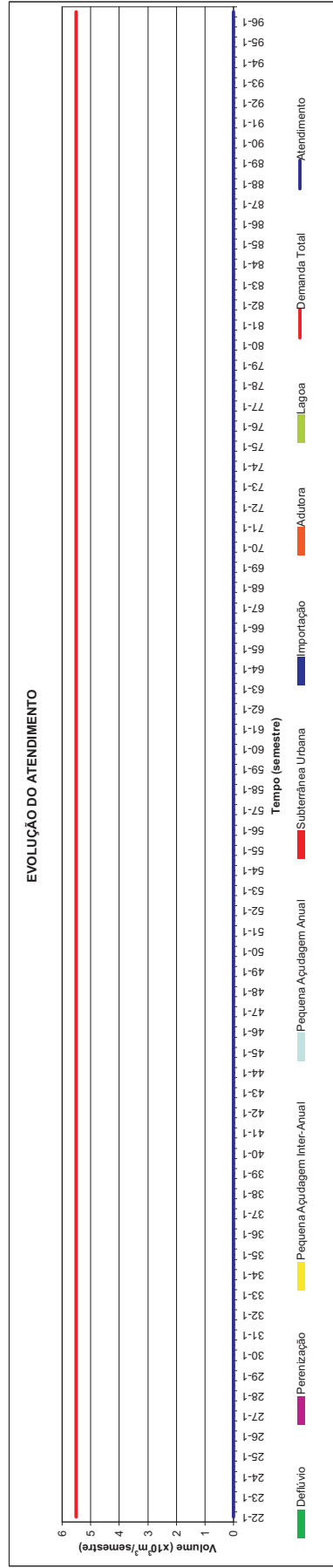
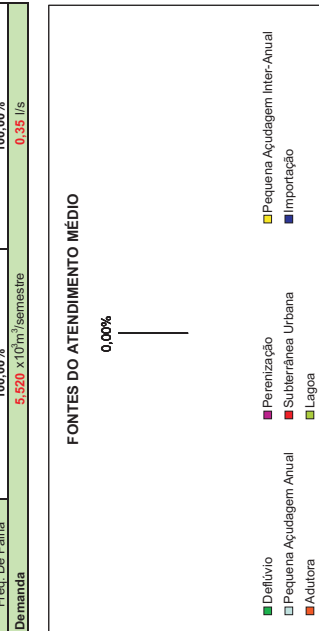
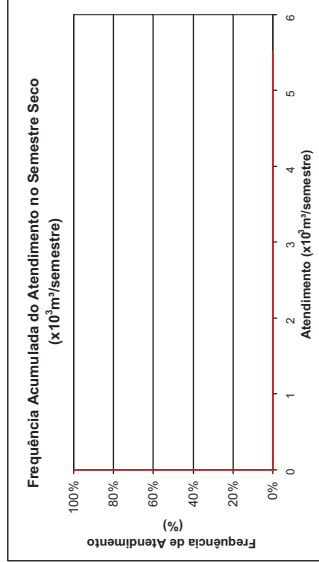
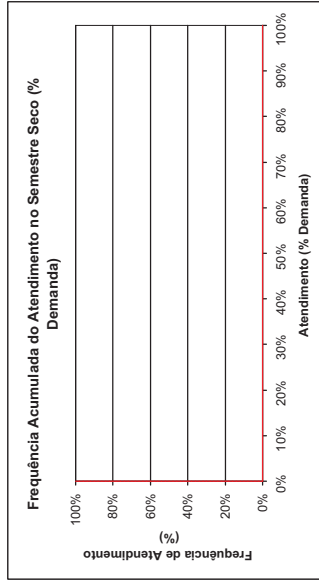


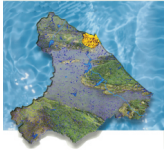


Lagoa do Barro
Demanda Humana Difusa
MCH.BAE.01
Horizonte 2020 com Infra-Estrutura Atual

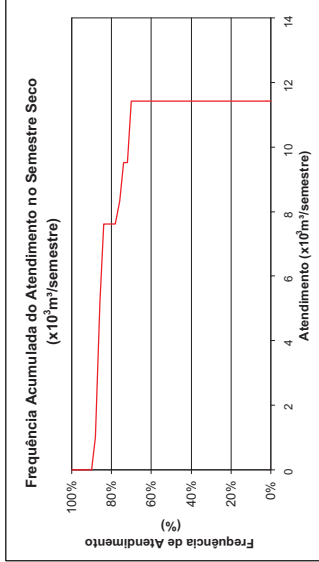
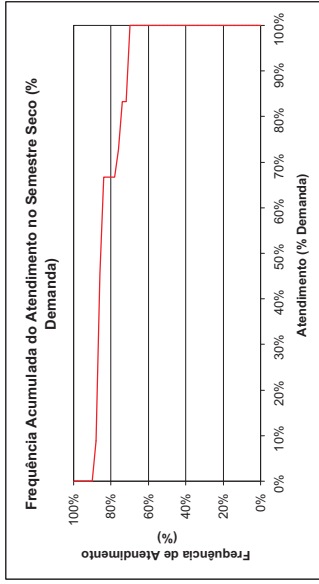
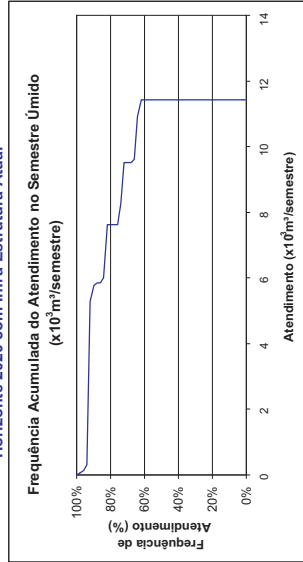
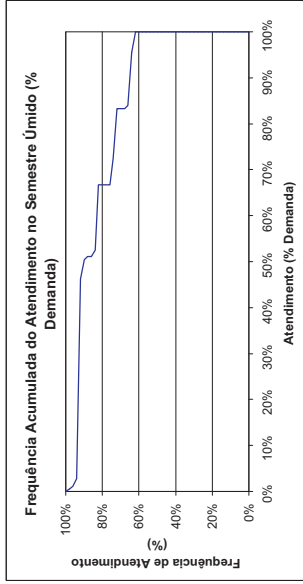


FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ⁶ m ³ /Semestre	% Demanda	x10 ⁶ m ³ /Semestre	% Demanda
0%	0	0%	0	0%
10%	0	0%	0	0%
20%	0	0%	0	0%
30%	0	0%	0	0%
40%	0	0%	0	0%
50%	0	0%	0	0%
60%	0	0%	0	0%
70%	0	0%	0	0%
80%	0	0%	0	0%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Médio	0	0%	0	0%
Atend. Mínimo	0	0%	0	0%
Freq. De Filha	100,00%		100,00%	
Demanda	5.520 x10⁶m³/semestre		0,35 l/s	

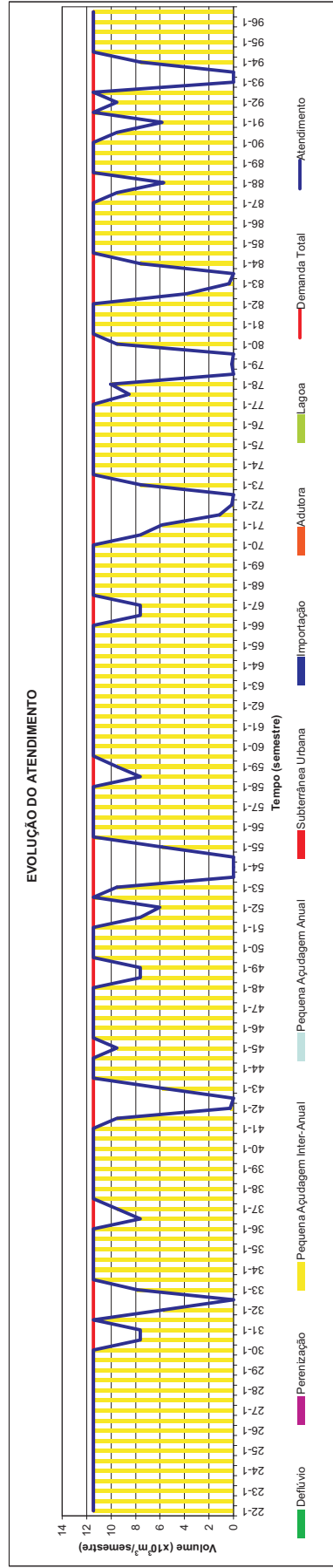
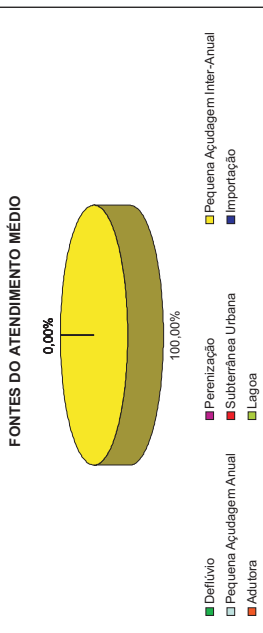




Lagoa Grande
Demanda Humana Difusa
MCH.BAE.04
Horizonte 2020 com Infra-Estrutura Atual



FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ⁶ m ³ /Semestre	% Demanda	x10 ⁶ m ³ /Semestre	% Demanda
0%	11,43	100%	11,43	100%
10%	11,43	100%	11,43	100%
20%	11,43	100%	11,43	100%
30%	11,43	100%	11,43	100%
40%	11,43	100%	11,43	100%
50%	11,43	100%	11,43	100%
60%	11,43	100%	11,43	100%
70%	9,525	83%	11,43	100%
80%	7,62	67%	7,62	67%
90%	5,767	50%	0	0%
100%	0	0%	0	0%
Atend. Mínimo	11,43	100%	11,43	100%
Freq. De Falha	0	36,00%	0	29,33%
Demanda	11,430 x10⁶ m³/semestre		0,73 l/s	

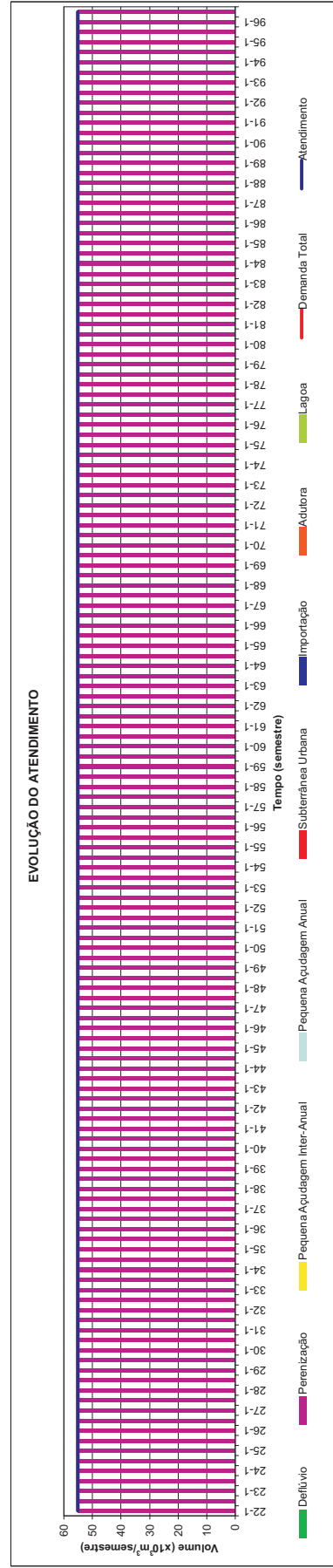
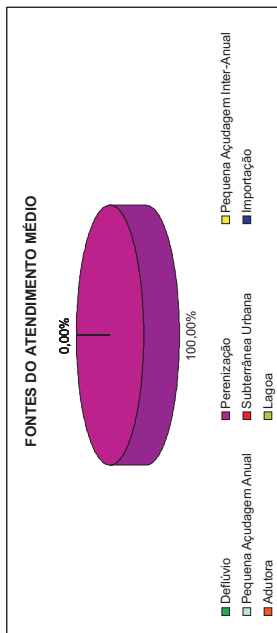
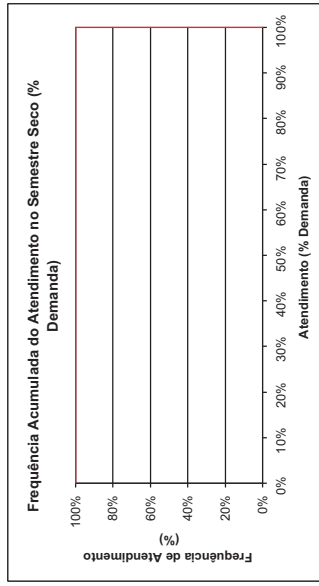
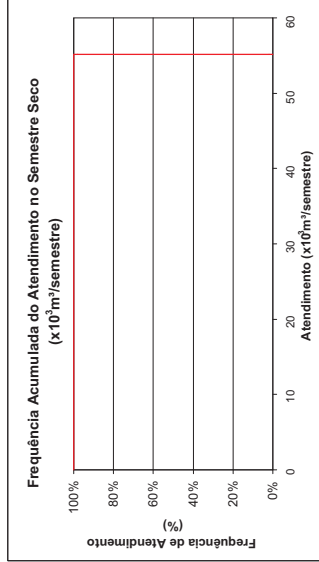
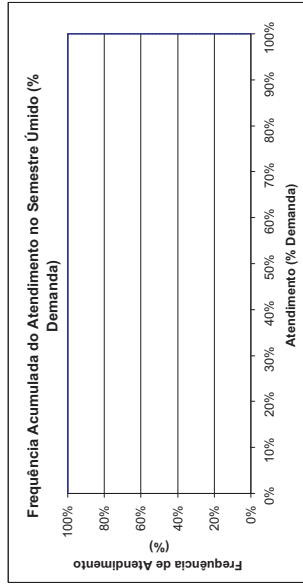
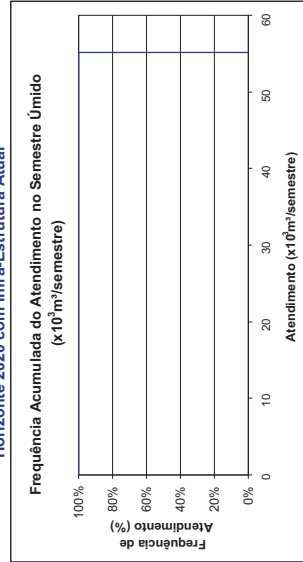


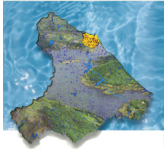


Lagoa São João e Vazantes
Demanda Humana Difusa
MCH.ARC.03

Horizonte 2020 com Infra-Estrutura Atual

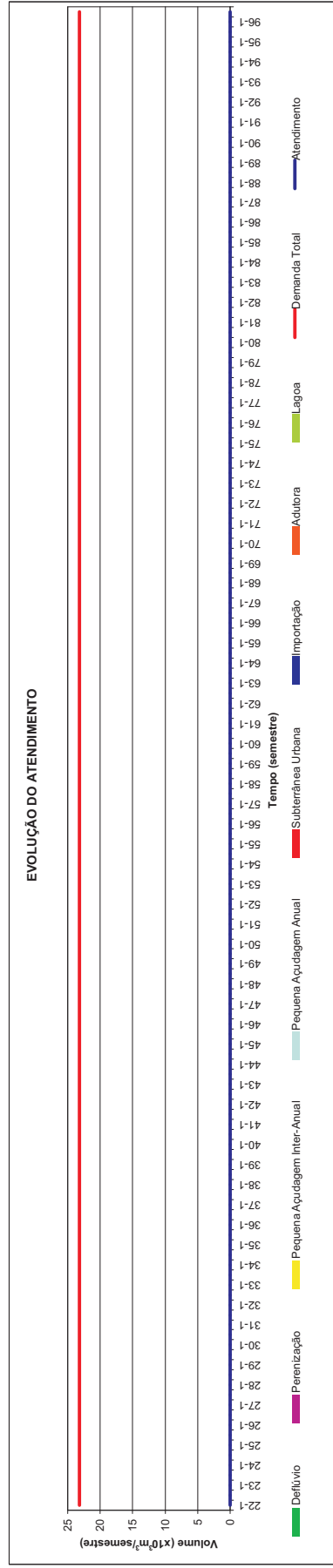
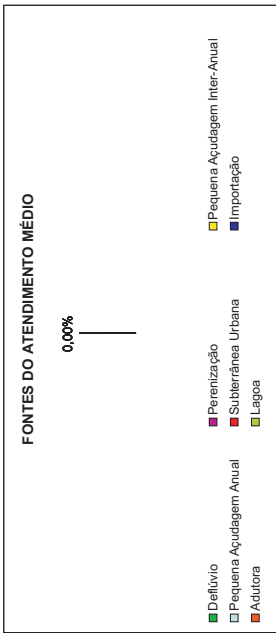
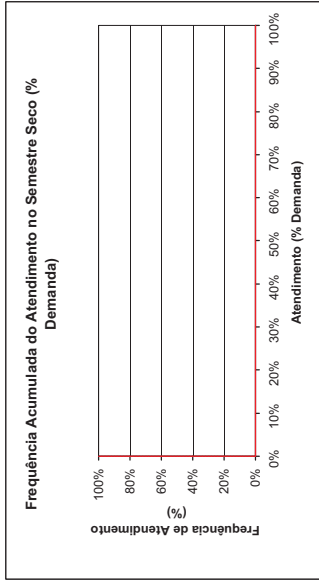
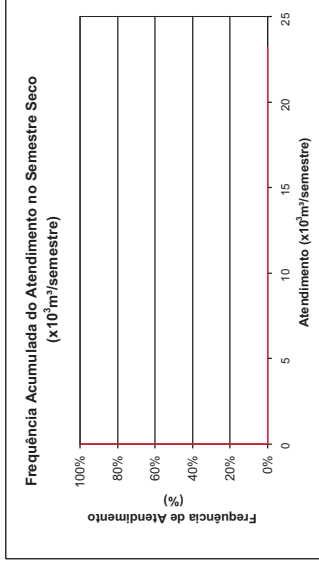
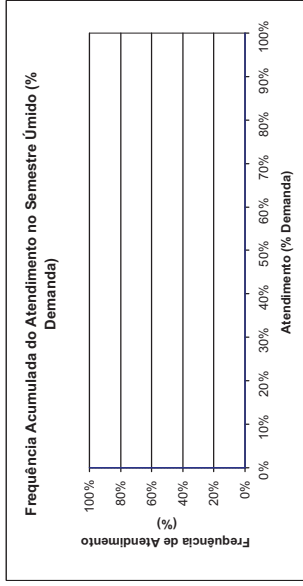
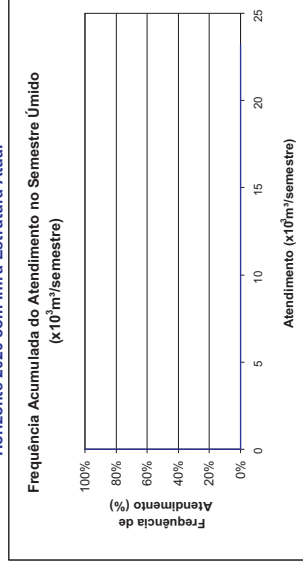
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	55.134	100%	55.134	100%
10%	55.134	100%	55.134	100%
20%	55.134	100%	55.134	100%
30%	55.134	100%	55.134	100%
40%	55.134	100%	55.134	100%
50%	55.134	100%	55.134	100%
60%	55.134	100%	55.134	100%
70%	55.134	100%	55.134	100%
80%	55.134	100%	55.134	100%
90%	55.134	100%	55.134	100%
100%	55.134	100%	55.134	100%
Atend. Médio	55.134	100%	55.134	100%
Freq. De Falha	0,00%		0,00%	
Demanda	55.134 x10³ m³/semestre		3.55 l/s	





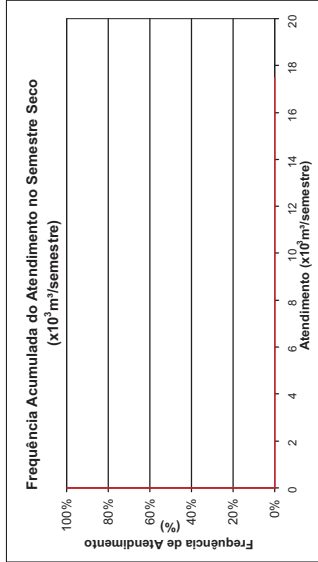
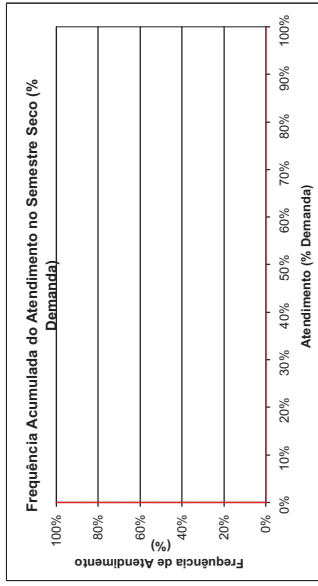
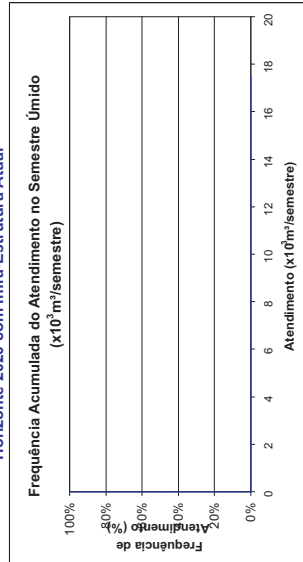
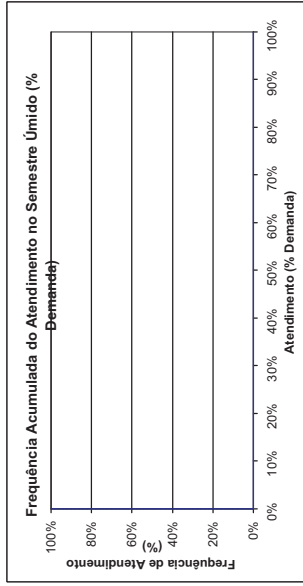
Maravilha
Demanda Humana Difusa
MCH.CHR.11
 Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	0	0%	0	0%
10%	0	0%	0	0%
20%	0	0%	0	0%
30%	0	0%	0	0%
40%	0	0%	0	0%
50%	0	0%	0	0%
60%	0	0%	0	0%
70%	0	0%	0	0%
80%	0	0%	0	0%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Médio	0	0%	0	0%
Atend. Mínimo	0	0%	0	0%
Freq. De Falha	100,00%		100,00%	
Demanda	23.208 x10 ³ m ³ /semestre		1.49 l/s	

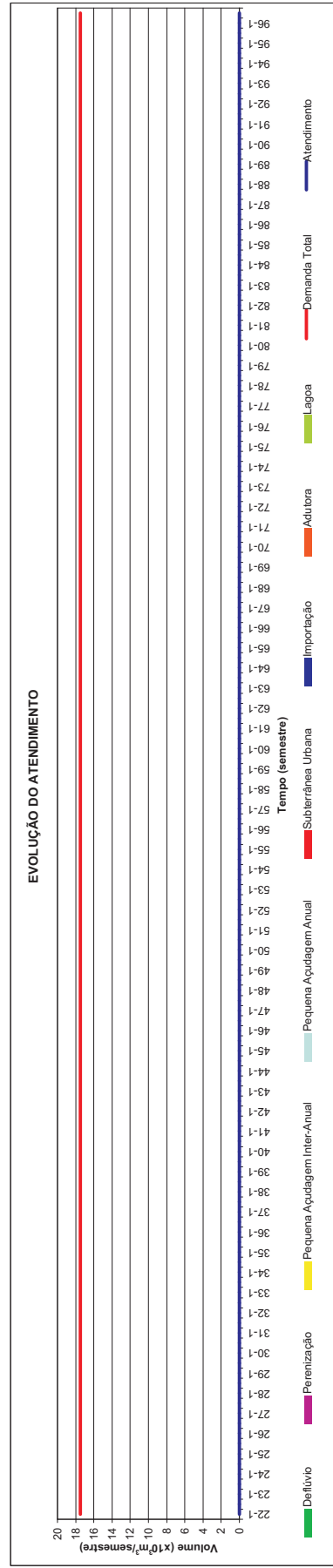
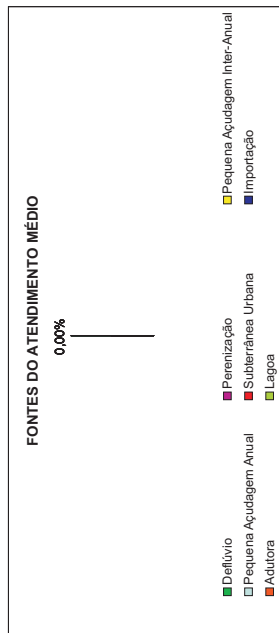




Milton Belo
Demanda Humana Difusa
MCH.ARC.10
 Horizonte 2020 com Infra-Estrutura Atual



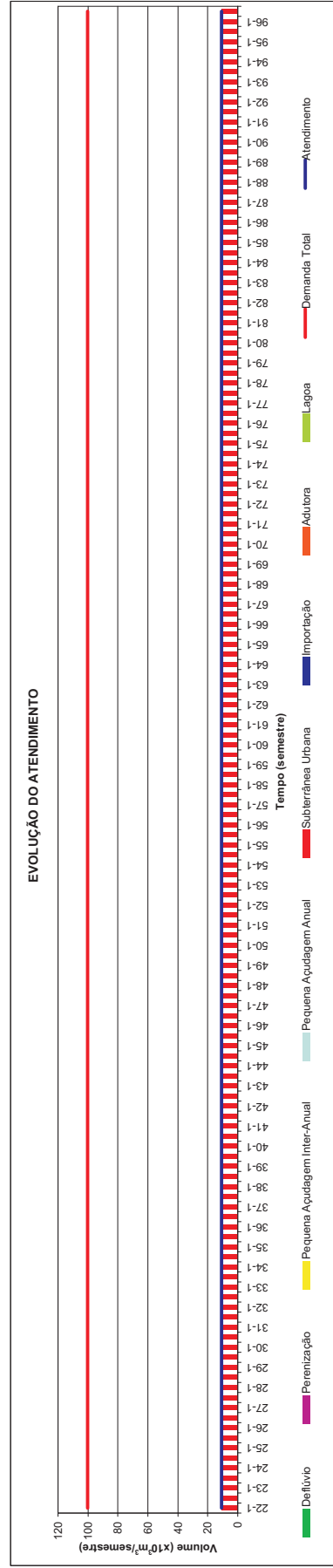
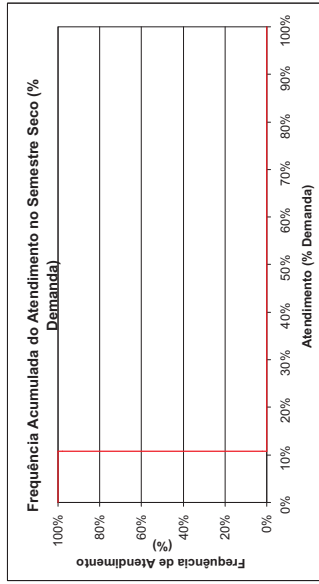
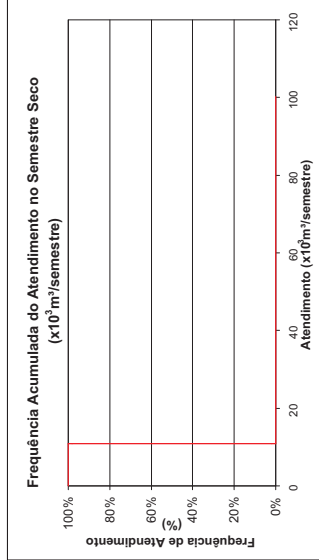
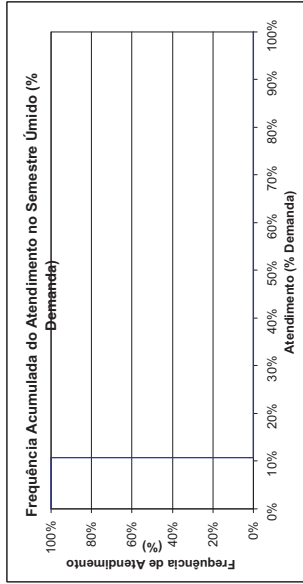
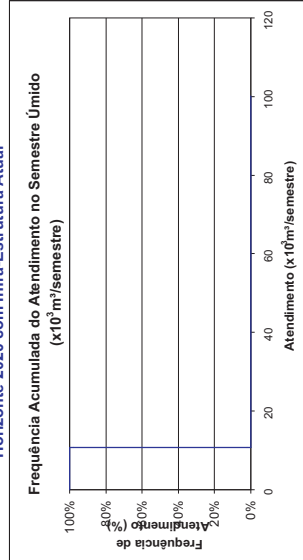
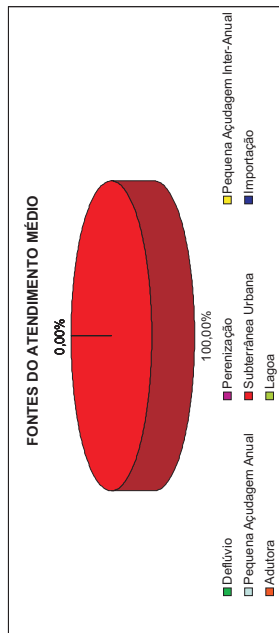
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	0	0%	0	0%
10%	0	0%	0	0%
20%	0	0%	0	0%
30%	0	0%	0	0%
40%	0	0%	0	0%
50%	0	0%	0	0%
60%	0	0%	0	0%
70%	0	0%	0	0%
80%	0	0%	0	0%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Médio	0	0%	0	0%
Freq. de Falha	0	0%	0	0%
Demandas	100,00%		100,00%	
	17.484 x10³m³/semestre		1.12 l/s	





Mirambé
Demanda Humana Difusa
MCE.CAC.16
 Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	10,8	11%	10,8	11%
10%	10,8	11%	10,8	11%
20%	10,8	11%	10,8	11%
30%	10,8	11%	10,8	11%
40%	10,8	11%	10,8	11%
50%	10,8	11%	10,8	11%
60%	10,8	11%	10,8	11%
70%	10,8	11%	10,8	11%
80%	10,8	11%	10,8	11%
90%	10,8	11%	10,8	11%
100%	10,8	11%	10,8	11%
Atend. Médio	10,8	11%	10,8	11%
Freq. de Falha	10,8	11%	10,8	11%
Demandas	100,00%	100,00%	100,00%	100,00%
	100,206	x10³m³/semestre	6,44	l/s





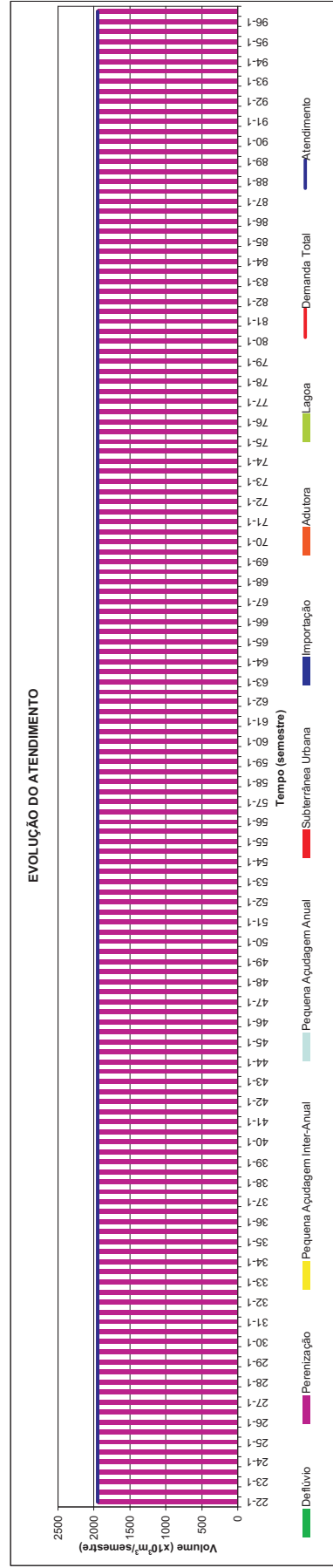
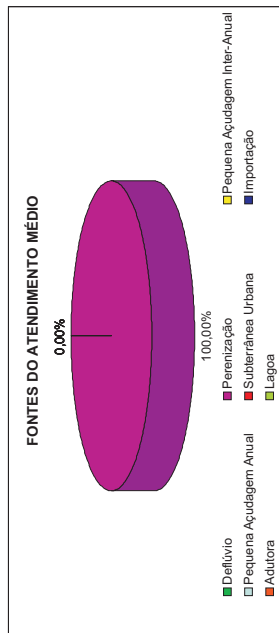
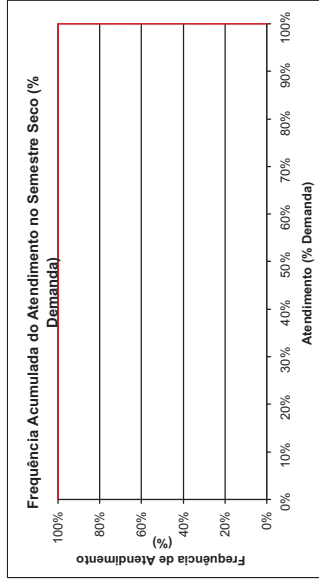
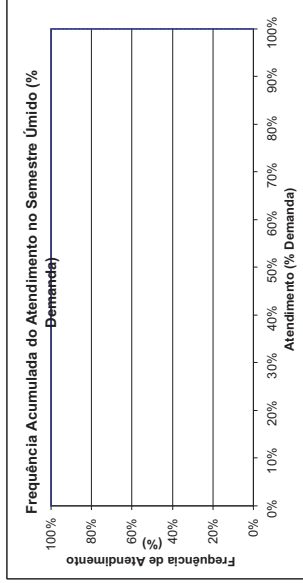
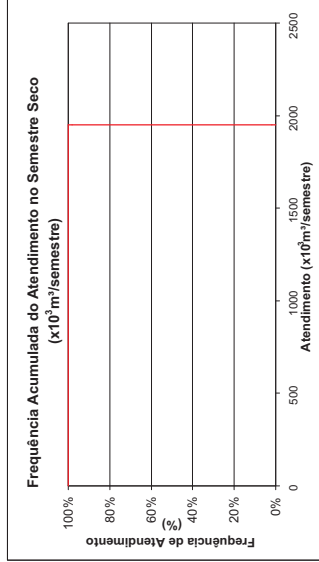
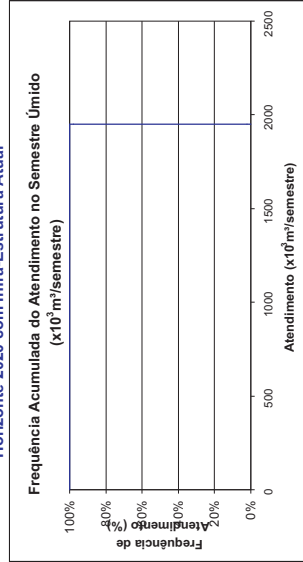
Plano de Gerenciamento das Águas das Bacias Metropolitanas



Monguba, Pavuna e C. Jereissati
Demanda Humana Difusa
MCO.PAT.03

Horizonte 2020 com Infra-Estrutura Atual

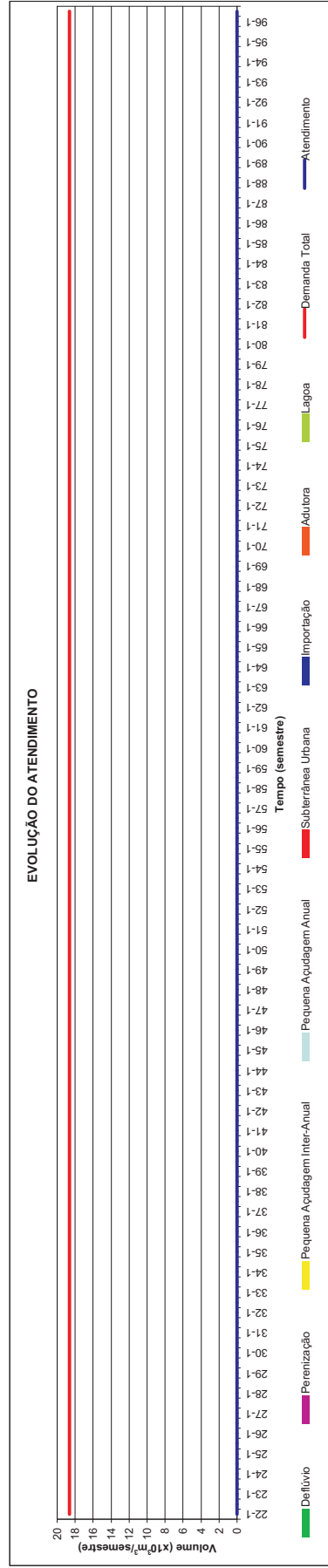
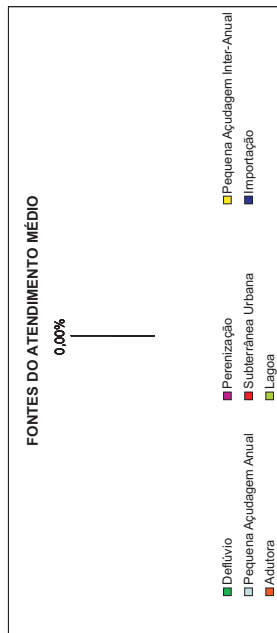
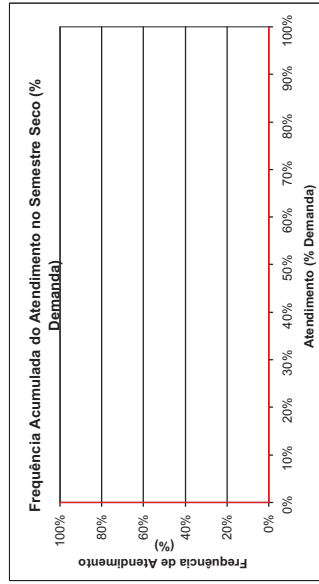
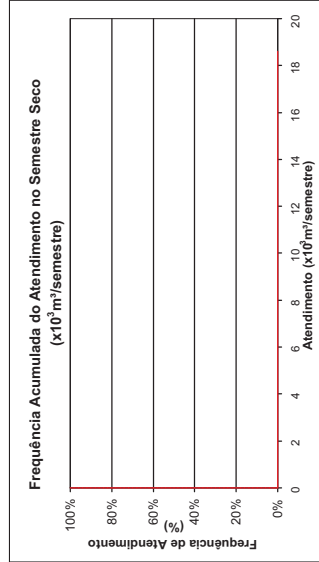
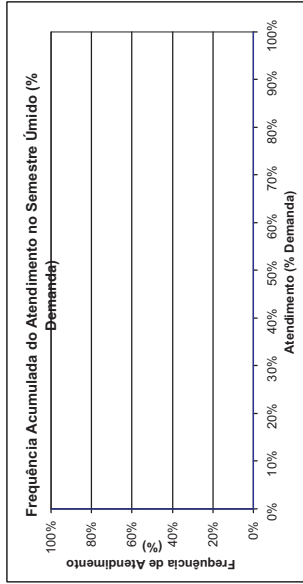
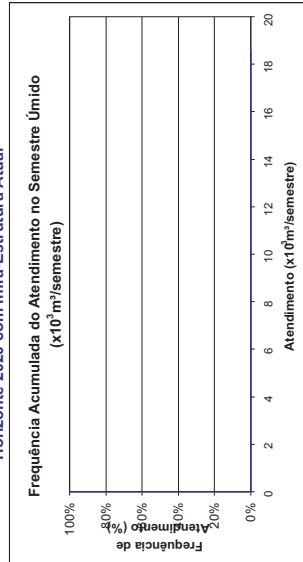
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	1951,284	100%	1951,284	100%
10%	1951,284	100%	1951,284	100%
20%	1951,284	100%	1951,284	100%
30%	1951,284	100%	1951,284	100%
40%	1951,284	100%	1951,284	100%
50%	1951,284	100%	1951,284	100%
60%	1951,284	100%	1951,284	100%
70%	1951,284	100%	1951,284	100%
80%	1951,284	100%	1951,284	100%
90%	1951,284	100%	1951,284	100%
100%	1951,284	100%	1951,284	100%
Atend. Médio	1951,284	100%	1951,284	100%
Atend. Mínimo	1951,284	100%	1951,284	100%
Demanda	1.951,284 x10 ³ m ³ /semestre		1.951,284 x10 ³ m ³ /semestre	
Freq. de Falha	0,00%		0,00%	
			125,47 l/s	





Monte Castelo
Demanda Humana Difusa
MCH-CHR.08
 Horizonte 2020 com Infra-Estrutura Atual

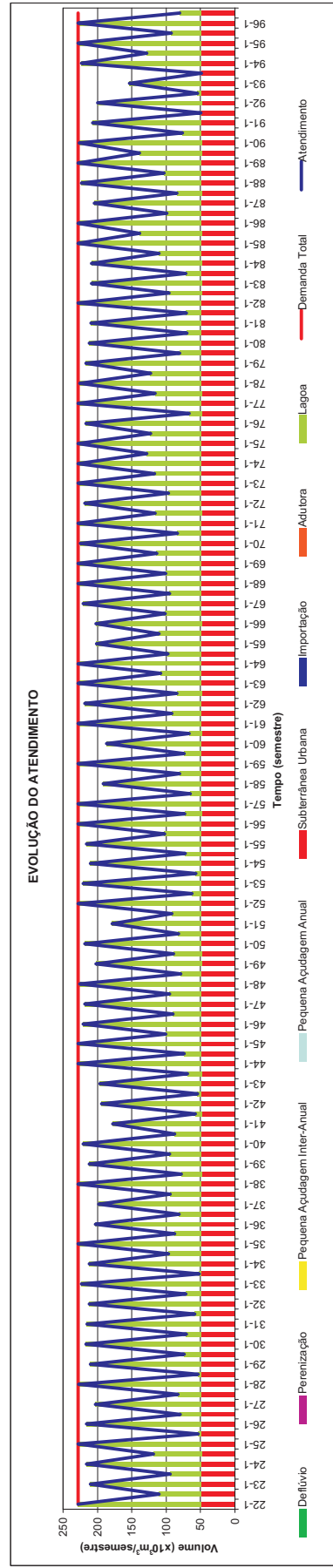
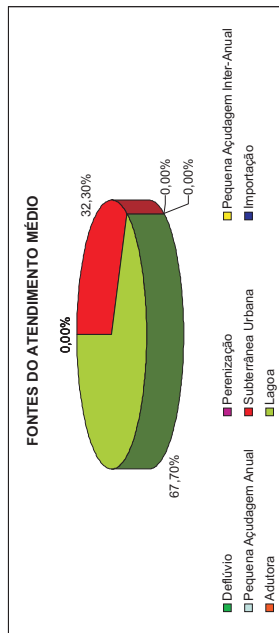
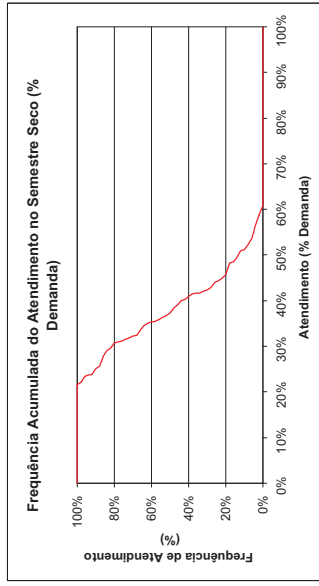
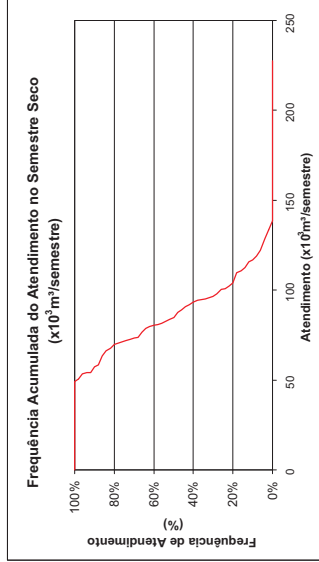
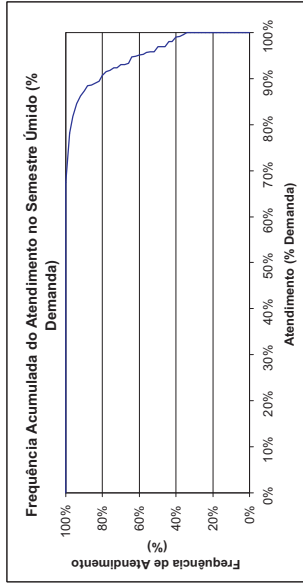
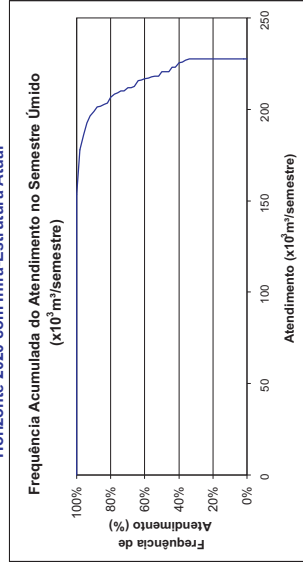
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE		
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda	
0%	0	0%	0	0%	
10%	0	0%	0	0%	
20%	0	0%	0	0%	
30%	0	0%	0	0%	
40%	0	0%	0	0%	
50%	0	0%	0	0%	
60%	0	0%	0	0%	
70%	0	0%	0	0%	
80%	0	0%	0	0%	
90%	0	0%	0	0%	
100%	0	0%	0	0%	
Atend. Médio	0	0%	0	0%	
Freq. de Falha	0	0%	0	0%	
Demanda	18.606	x10³m³/semestre	1.20	100,00%	
				1.20	l/s





Morro Branco
Demanda Humana Difusa
FED.BEB.01
 Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	227.712	100%	138.505	61%
10%	227.712	100%	116.7052	51%
20%	227.712	100%	104.0844	46%
30%	227.712	100%	96.4364	42%
40%	225.3686	99%	93.3142	41%
50%	220.665	97%	84.806	37%
60%	216.62	95%	80.6252	35%
70%	211.7834	93%	73.5338	32%
80%	206.4248	91%	69.9758	31%
90%	196.9578	87%	57.2816	25%
100%	153.452	67%	49.069	22%
Atend. Médio	220.665	97%	84.806	37%
Atend. Mínimo	153.452	67%	49.069	22%
Demanda	65,33% x10 ³ m ³ /semestre		100,00% x10 ³ m ³ /semestre	
	227.712		14.64 l/s	

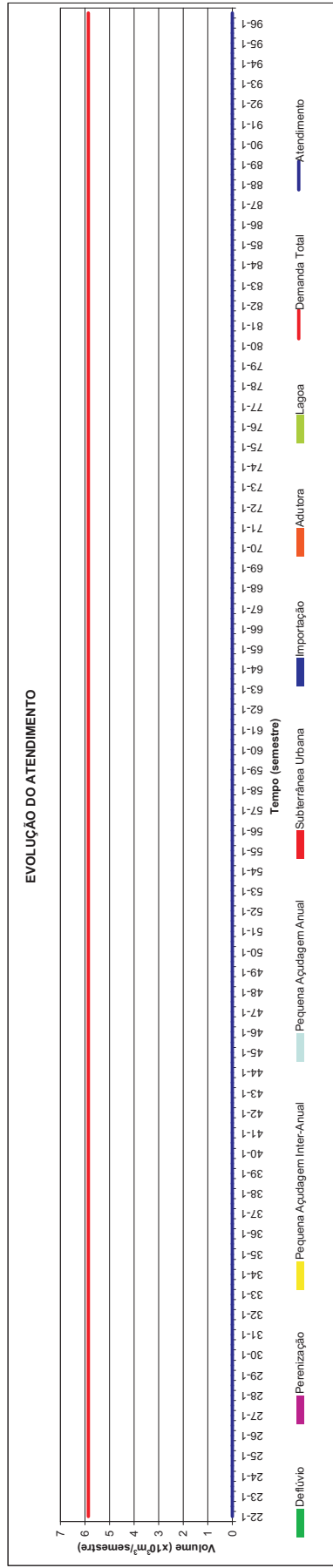
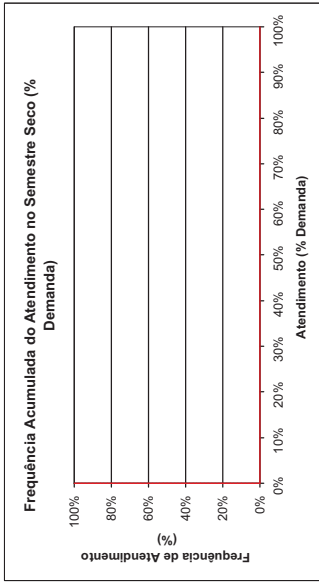
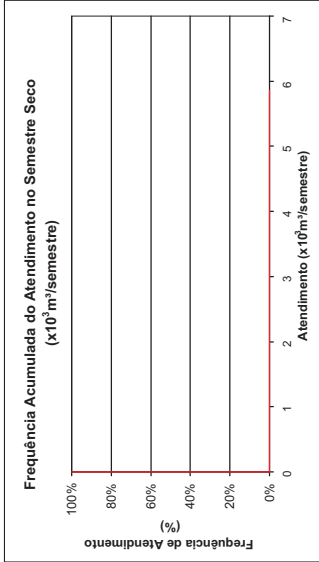
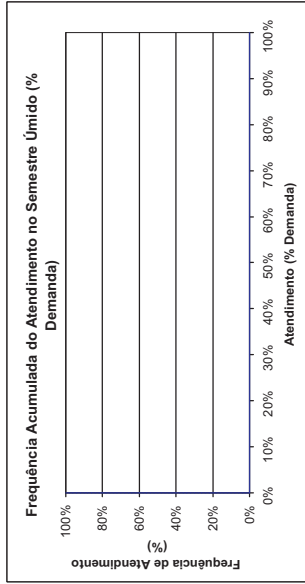
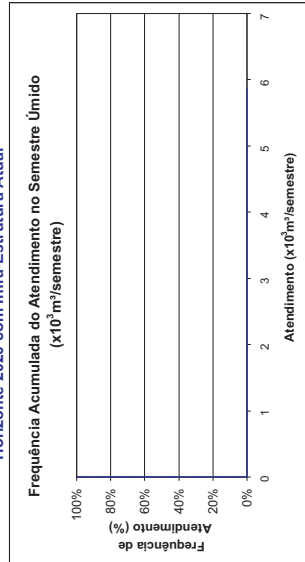
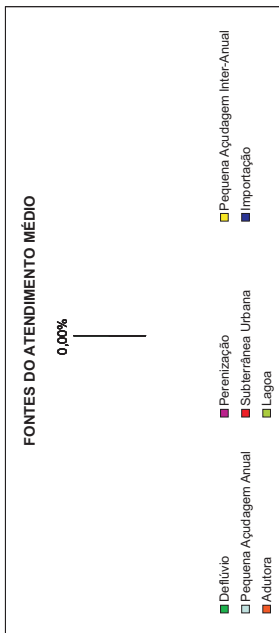


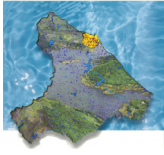


Nova Vida
Demanda Humana Difusa
MPI.IBA.17

Horizonte 2020 com Infra-Estrutura Atual

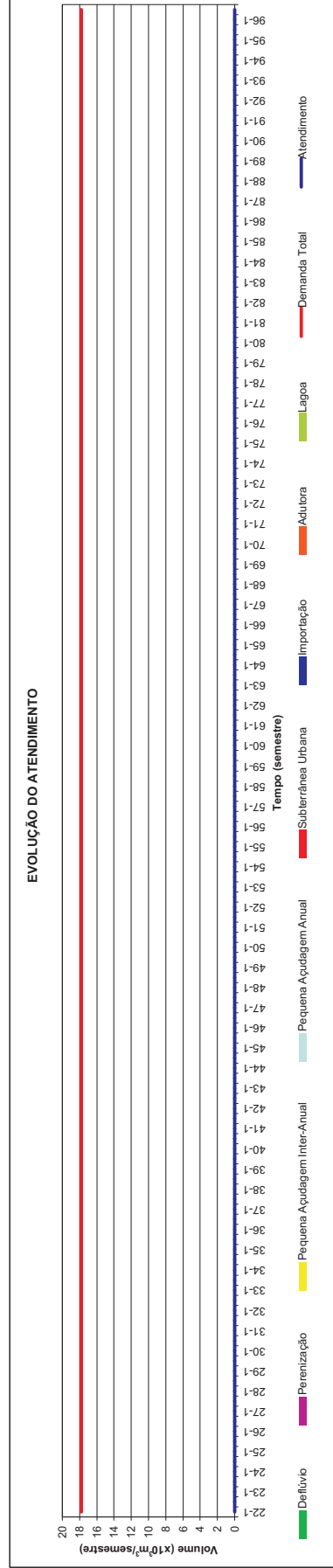
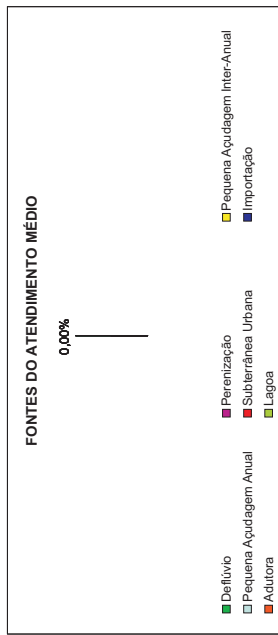
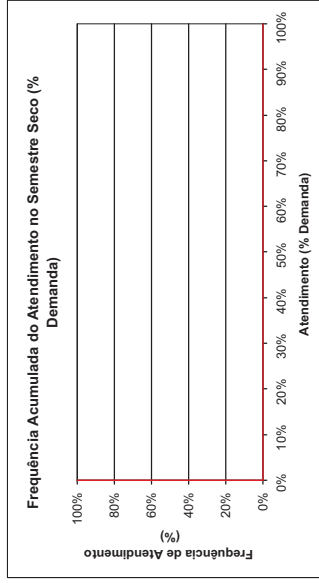
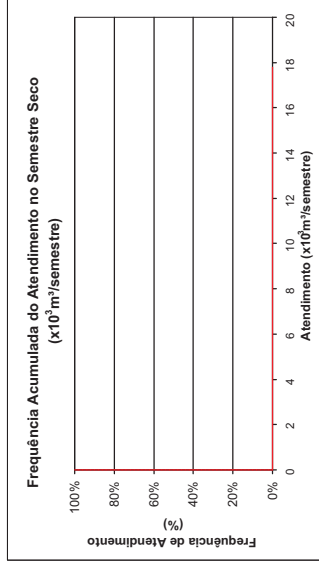
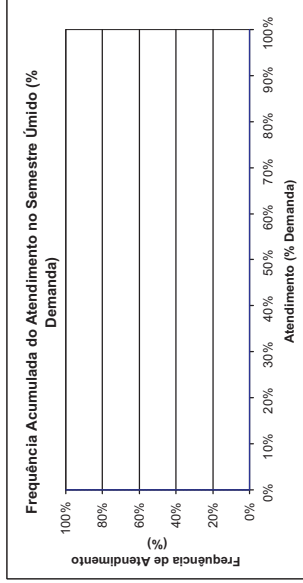
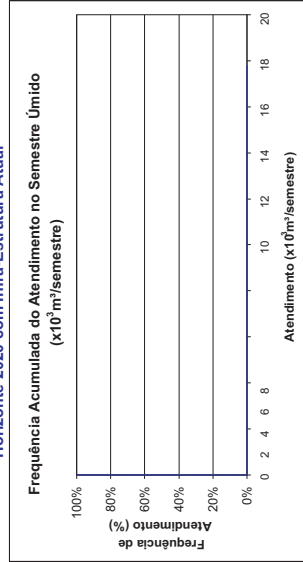
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	0	0%	0	0%
10%	0	0%	0	0%
20%	0	0%	0	0%
30%	0	0%	0	0%
40%	0	0%	0	0%
50%	0	0%	0	0%
60%	0	0%	0	0%
70%	0	0%	0	0%
80%	0	0%	0	0%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Mínimo	0	0%	0	0%
Atend. Médio	0	0%	0	0%
Freq. de Falha	100,00%	0%	100,00%	0%
Demanda	5,856	x10³m³/semestre	0,38	I/s





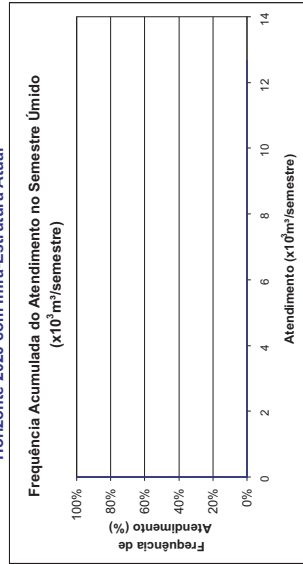
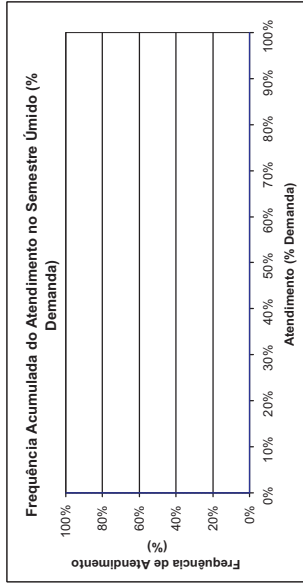
Novo Horizonte
Demanda Humana Difusa
MPI.OCA.20
Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	0	0%	0	0%
10%	0	0%	0	0%
20%	0	0%	0	0%
30%	0	0%	0	0%
40%	0	0%	0	0%
50%	0	0%	0	0%
60%	0	0%	0	0%
70%	0	0%	0	0%
80%	0	0%	0	0%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Mínimo	0	0%	0	0%
Atend. Médio	0	0%	0	0%
Freq. de Falha	100,00%	0%	100,00%	0%
Demanda	17.794	x10³m³/semestre	1.14	l/s

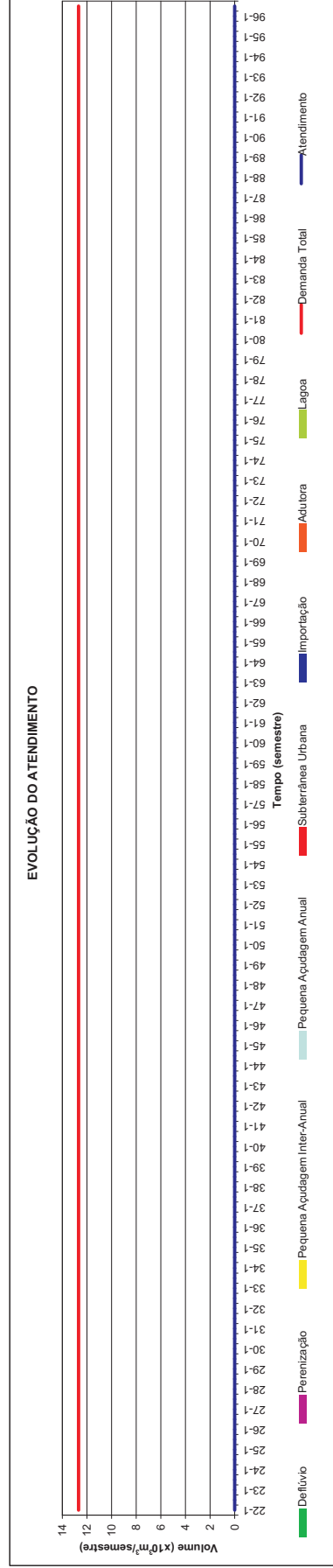
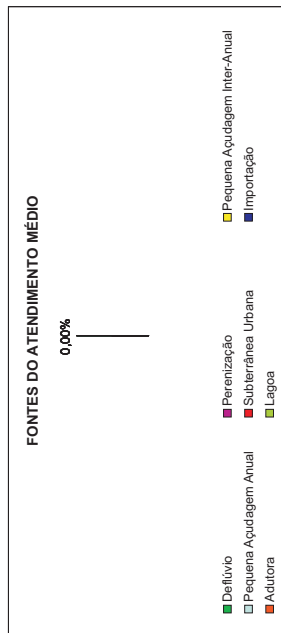
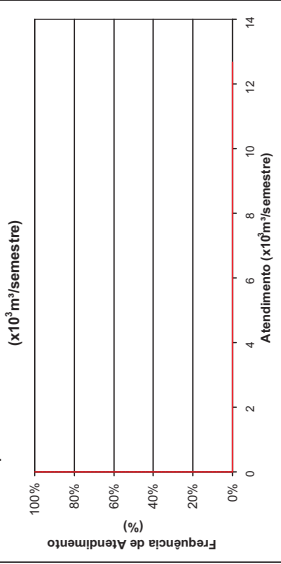
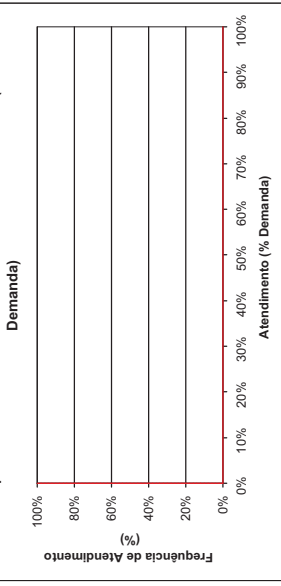




Oitítica
Demanda Humana Difusa
MPI.IBA.02
 Horizonte 2020 com Infra-Estrutura Atual

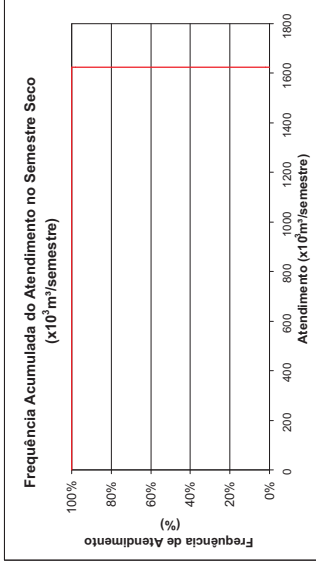
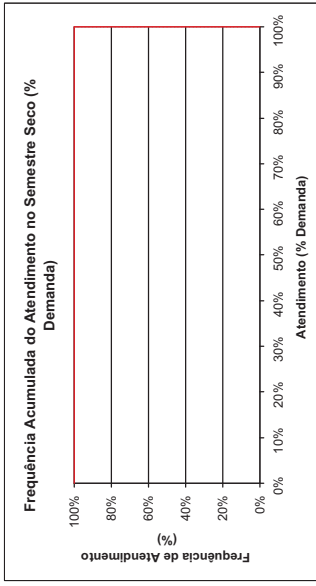
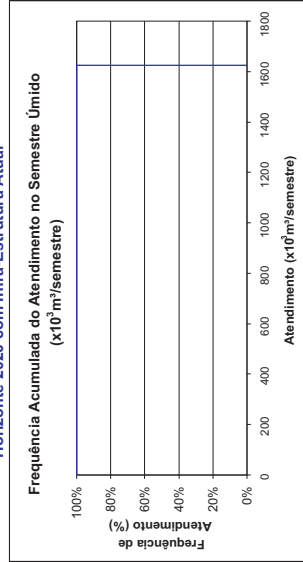
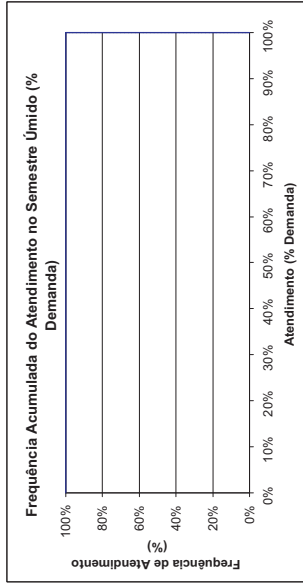


FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	0	0%	0	0%
10%	0	0%	0	0%
20%	0	0%	0	0%
30%	0	0%	0	0%
40%	0	0%	0	0%
50%	0	0%	0	0%
60%	0	0%	0	0%
70%	0	0%	0	0%
80%	0	0%	0	0%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Médio	0	0%	0	0%
Atend. Mínimo	0	0%	0	0%
Freq. de Falha	100,00%	0%	100,00%	0%
Demanda	12,678	x10³ m³/semestre	0,82	l/s

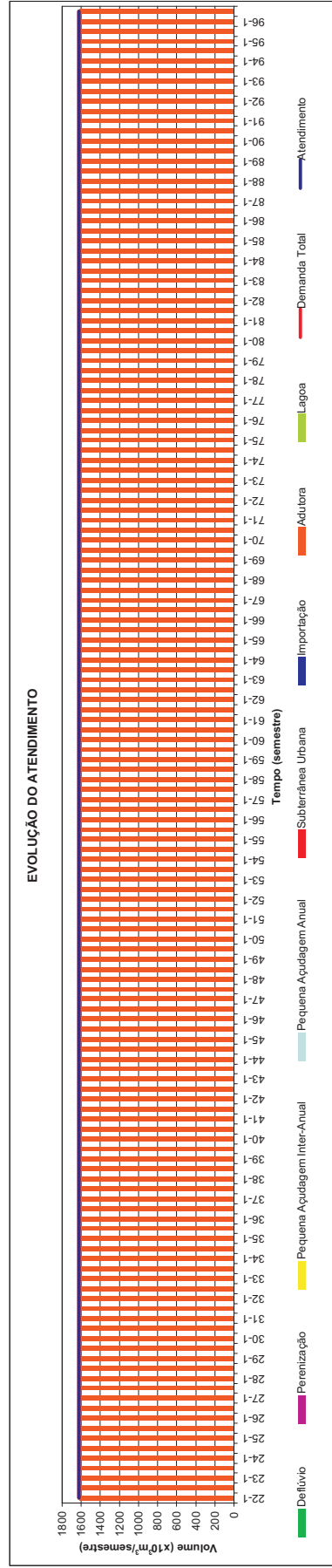
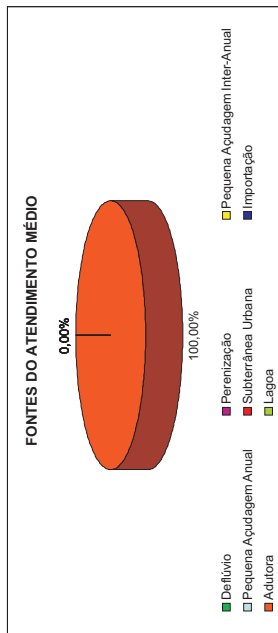




Pajuçara
Demanda Humana Difusa
MCO.MAR.03
 Horizonte 2020 com Infra-Estrutura Atual



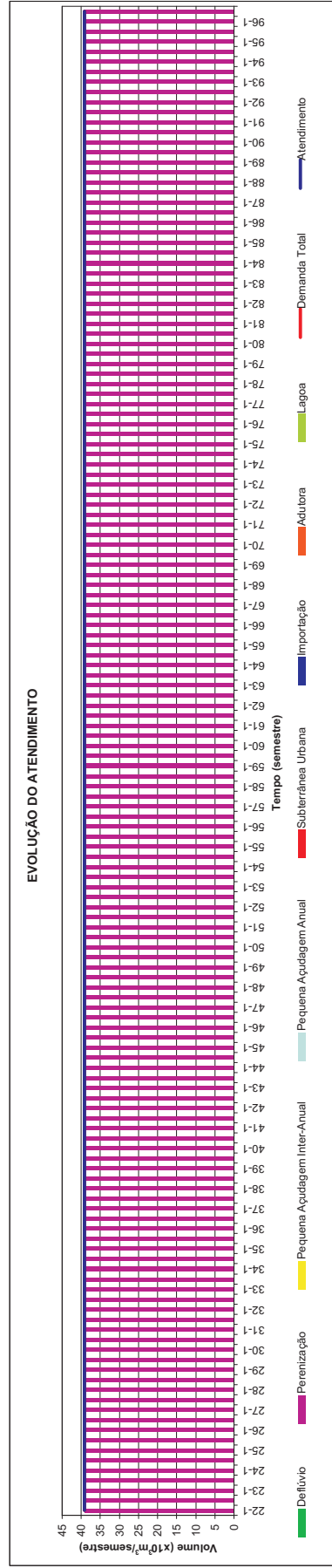
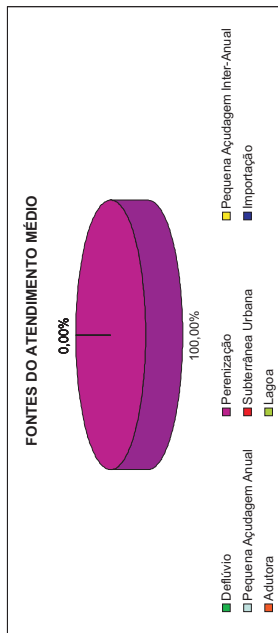
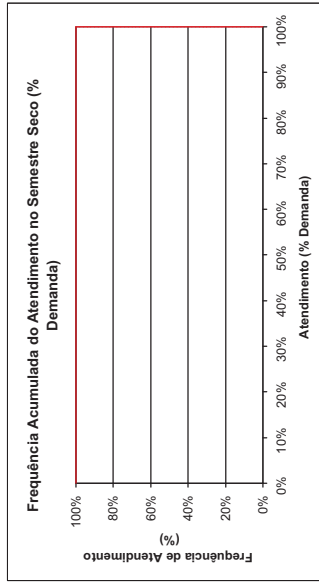
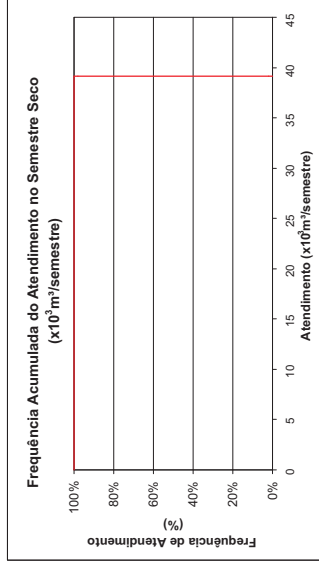
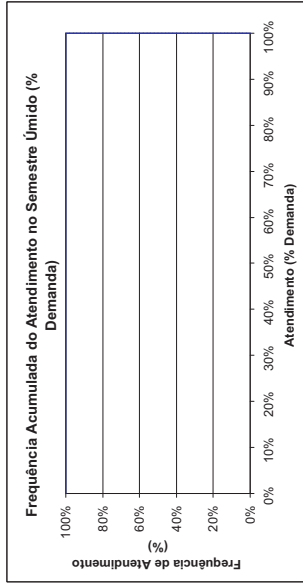
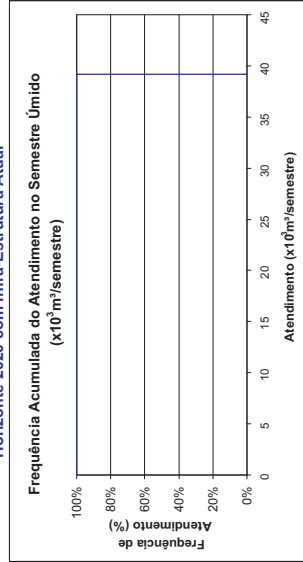
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10³ m³/semestre	% Demanda	x10³ m³/semestre	% Demanda
0%	1623,582	100%	1623,582	100%
10%	1623,582	100%	1623,582	100%
20%	1623,582	100%	1623,582	100%
30%	1623,582	100%	1623,582	100%
40%	1623,582	100%	1623,582	100%
50%	1623,582	100%	1623,582	100%
60%	1623,582	100%	1623,582	100%
70%	1623,582	100%	1623,582	100%
80%	1623,582	100%	1623,582	100%
90%	1623,582	100%	1623,582	100%
Atend. Médio	1623,582	100%	1623,582	100%
Atend. Mínimo	1623,582	100%	1623,582	100%
Freq. de Falha	0,00%		0,00%	
Demandas	1.623.582	x10³ m³/semestre	104.49	l/s





Palmatória
Demanda Humana Difusa
MCH.ITU.09
 Horizonte 2020 com Infra-Estrutura Atual

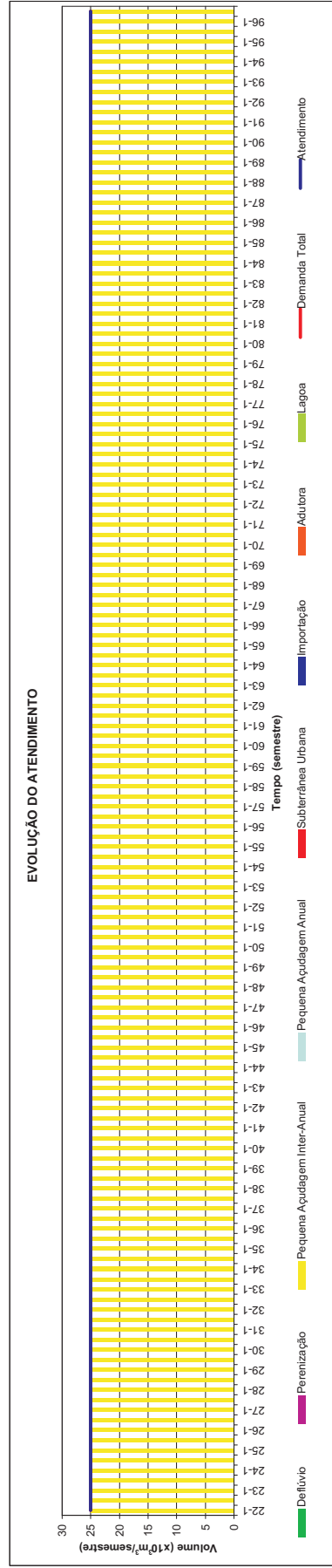
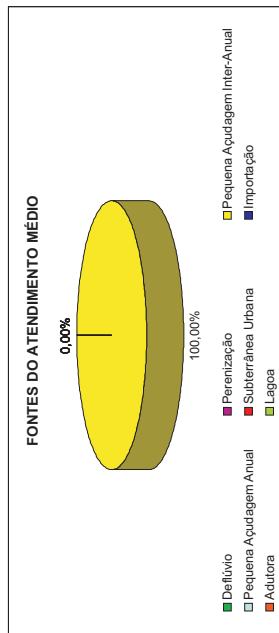
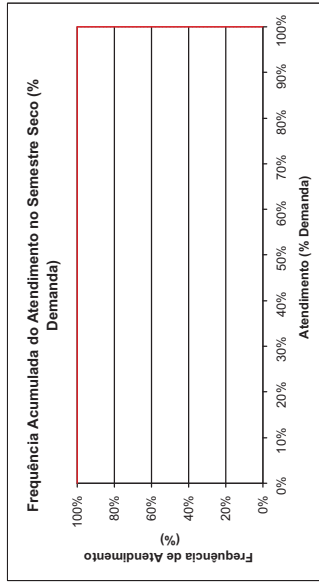
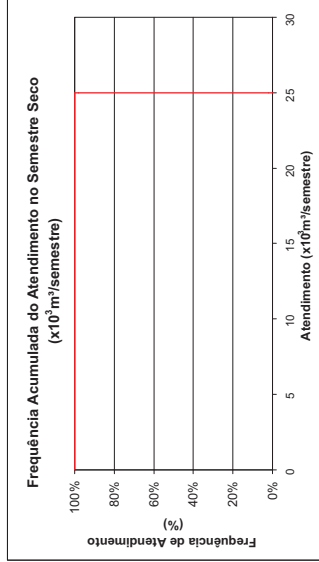
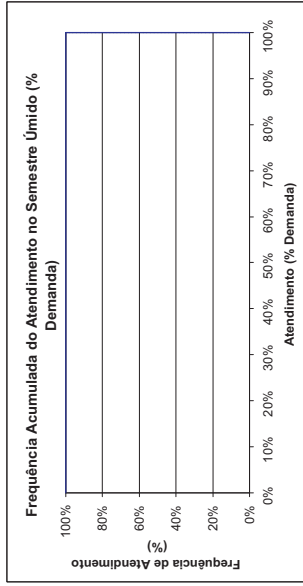
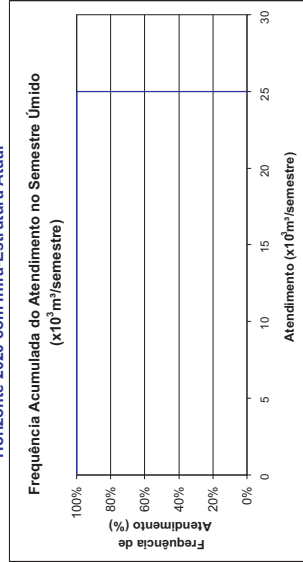
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	39.162	100%	39.162	100%
10%	39.162	100%	39.162	100%
20%	39.162	100%	39.162	100%
30%	39.162	100%	39.162	100%
40%	39.162	100%	39.162	100%
50%	39.162	100%	39.162	100%
60%	39.162	100%	39.162	100%
70%	39.162	100%	39.162	100%
80%	39.162	100%	39.162	100%
90%	39.162	100%	39.162	100%
Atend. Médio	39.162	100%	39.162	100%
Atend. Mínimo	39.162	100%	39.162	100%
Demanda	39.162 x10 ³ m ³ /semestre		39.162 x10 ³ m ³ /semestre	
	0,00%		0,00%	
			2,52 l/s	





Papara
Demanda Humana Difusa
MPA.MAN.05
 Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	24.996	100%	24.996	100%
10%	24.996	100%	24.996	100%
20%	24.996	100%	24.996	100%
30%	24.996	100%	24.996	100%
40%	24.996	100%	24.996	100%
50%	24.996	100%	24.996	100%
60%	24.996	100%	24.996	100%
70%	24.996	100%	24.996	100%
80%	24.996	100%	24.996	100%
90%	24.996	100%	24.996	100%
Atend. Médio	24.996	100%	24.996	100%
Atend. Mínimo	24.996	100%	24.996	100%
Demanda	24.996 x10 ³ m ³ /semestre		24.996 x10 ³ m ³ /semestre	
Freq. de Falha	0,00%		0,00%	
			1,6 l /ls	





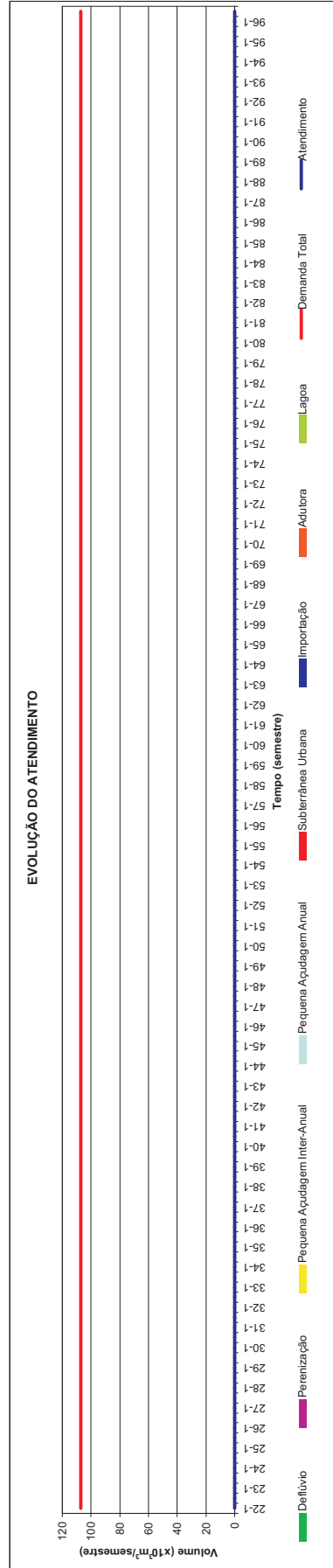
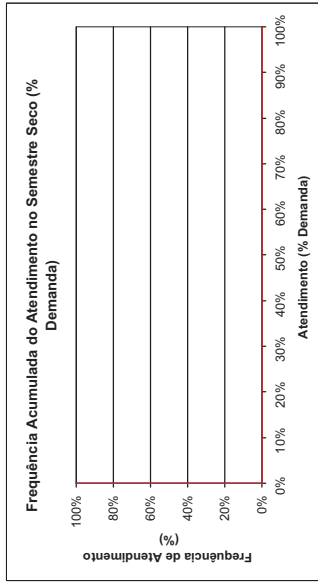
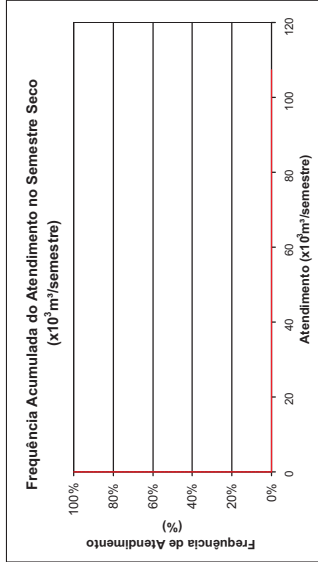
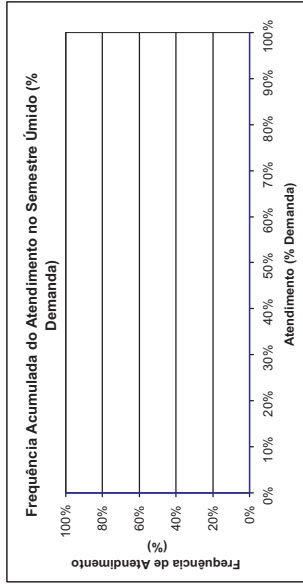
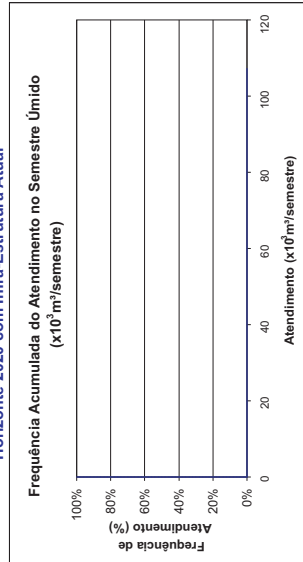
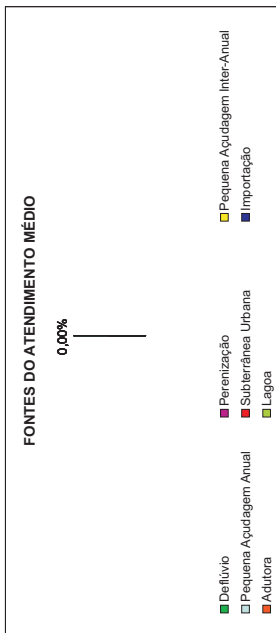
Plano de Gerenciamento das Águas das Bacias Metropolitanas



Parajuru e Paripueira Demanda Humana Difusa FED.BEB.07

Horizonte 2020 com Infra-Estrutura Atual

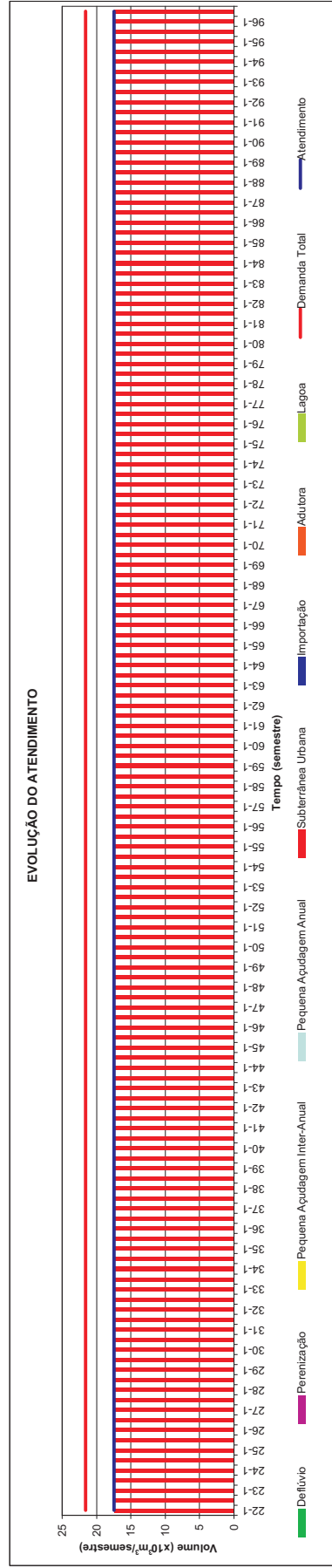
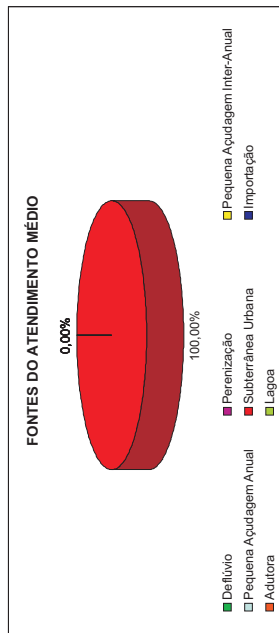
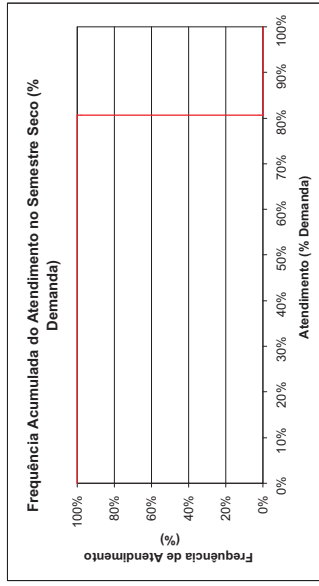
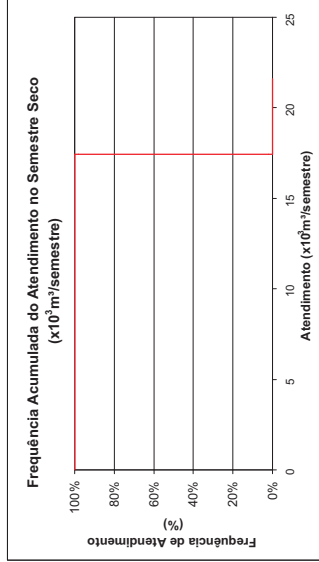
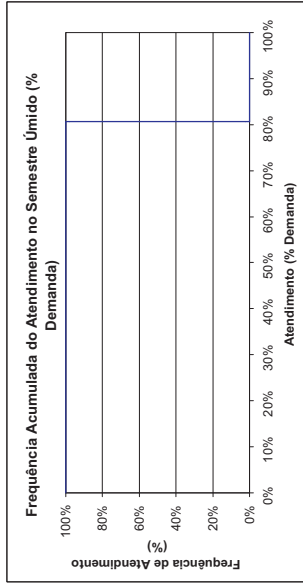
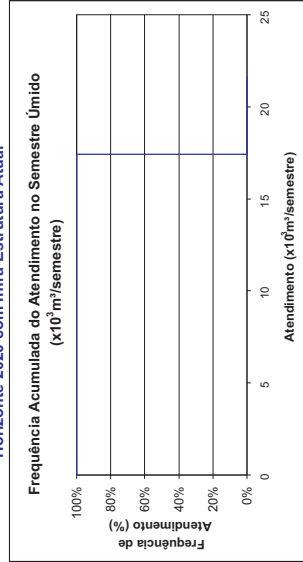
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	0	0%	0	0%
10%	0	0%	0	0%
20%	0	0%	0	0%
30%	0	0%	0	0%
40%	0	0%	0	0%
50%	0	0%	0	0%
60%	0	0%	0	0%
70%	0	0%	0	0%
80%	0	0%	0	0%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Médio	0	0%	0	0%
Freq. de Falha	0	0%	0	0%
Demanda	107.310	x10³m³/semestre	100.00%	6.99 l/s





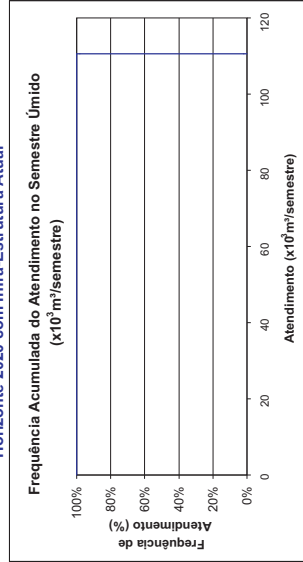
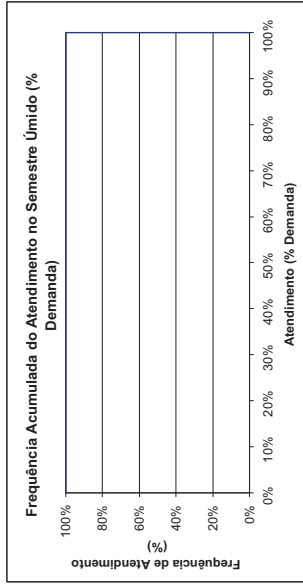
Pascoal
Demanda Humana Difusa
MCH.PAC.01
 Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	17.423	81%	17.423	81%
10%	17.423	81%	17.423	81%
20%	17.423	81%	17.423	81%
30%	17.423	81%	17.423	81%
40%	17.423	81%	17.423	81%
50%	17.423	81%	17.423	81%
60%	17.423	81%	17.423	81%
70%	17.423	81%	17.423	81%
80%	17.423	81%	17.423	81%
90%	17.423	81%	17.423	81%
100%	17.423	81%	17.423	81%
Atend. Médio	17.423	81%	17.423	81%
Atend. Mínimo	17.423	81%	17.423	81%
Demanda	100,00%	21.612 x10³m³/semestre	100,00%	1.339 l/s

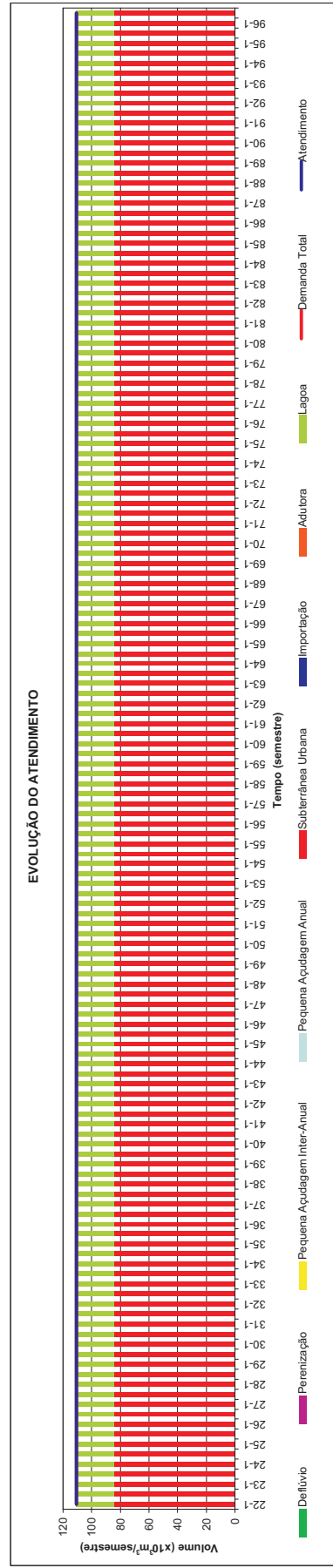
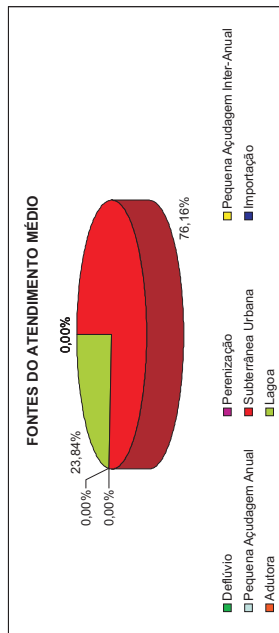
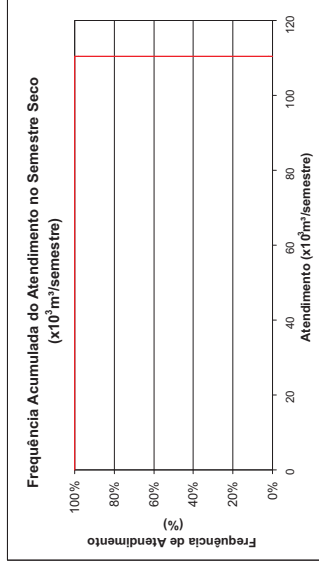
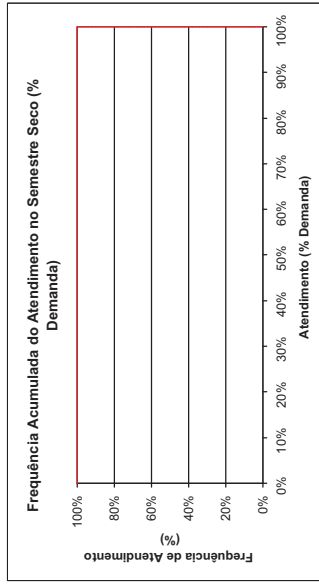




Patacas
Demanda Humana Difusa
FED.AQU.06
 Horizonte 2020 com Infra-Estrutura Atual



FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10³ m³/Semestre	% Demanda	x10³ m³/Semestre	% Demanda
0%	110.508	100%	110.508	100%
10%	110.508	100%	110.508	100%
20%	110.508	100%	110.508	100%
30%	110.508	100%	110.508	100%
40%	110.508	100%	110.508	100%
50%	110.508	100%	110.508	100%
60%	110.508	100%	110.508	100%
70%	110.508	100%	110.508	100%
80%	110.508	100%	110.508	100%
90%	110.508	100%	110.508	100%
100%	110.508	100%	110.508	100%
Atend. Médio	110.508	100%	110.508	100%
Freq. de Falha	0,00%		0,00%	
Demanda	110.508 x10³ m³/semestre		71,1 l/s	





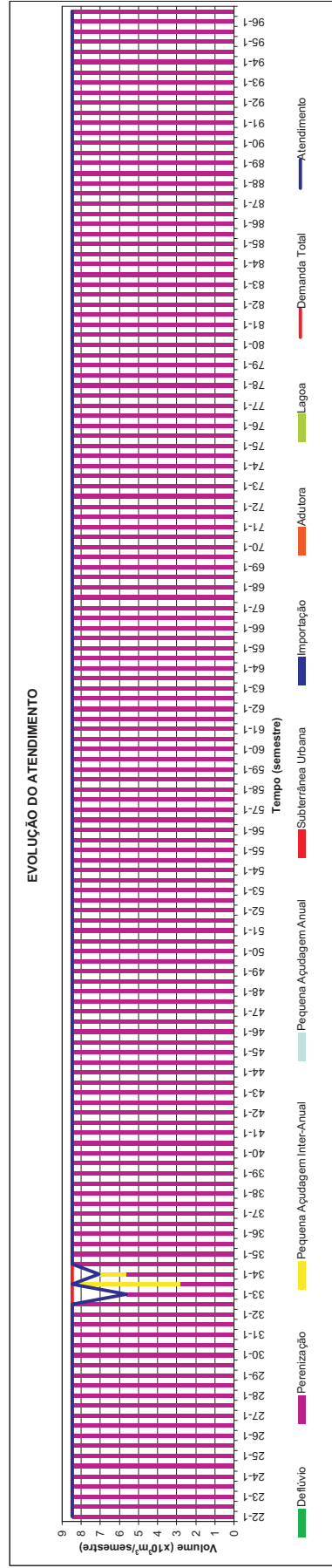
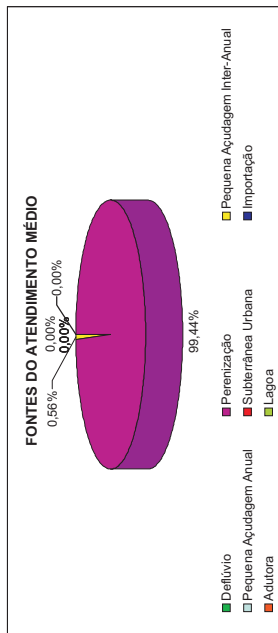
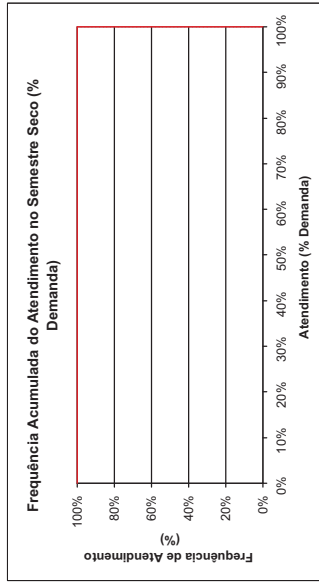
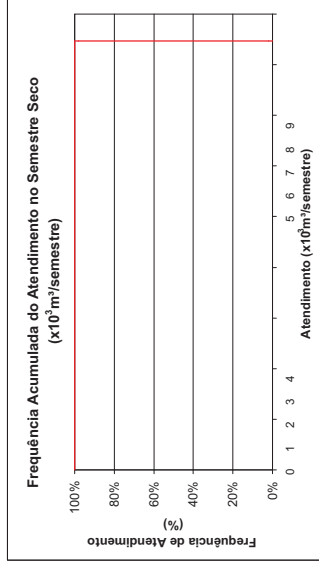
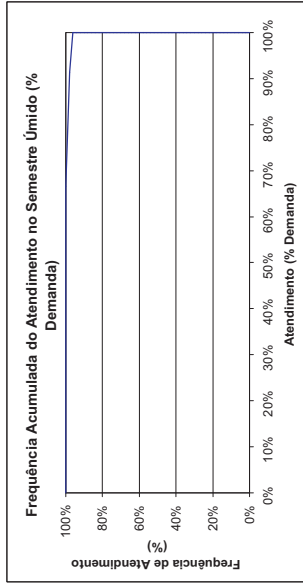
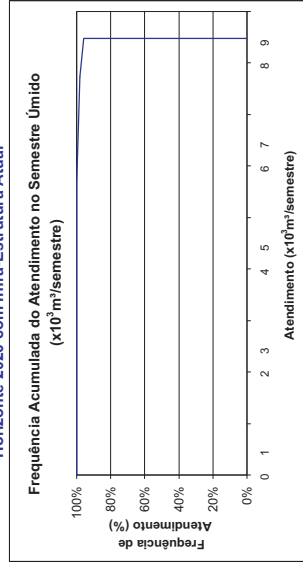
Plano de Gerenciamento das Águas das Bacias Metropolitanas



Patos dos Libertados Demanda Humana Difusa MCH-CHO 05

Horizonte 2020 com Infra-Estrutura Atual

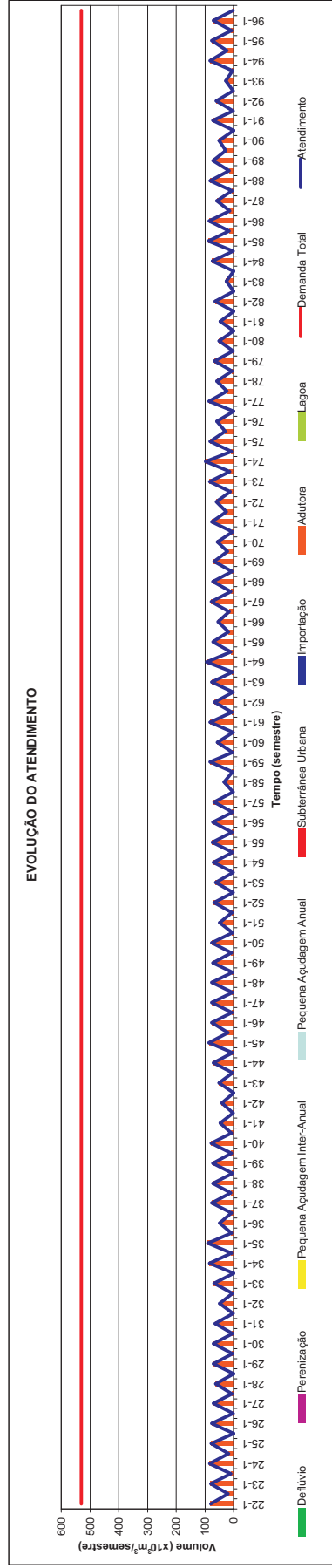
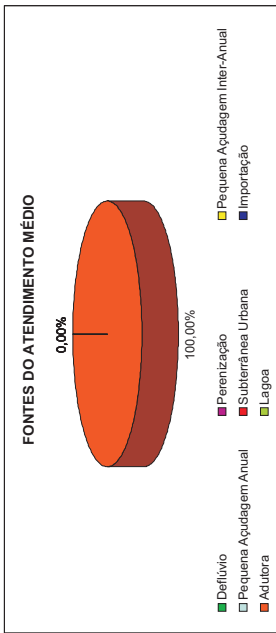
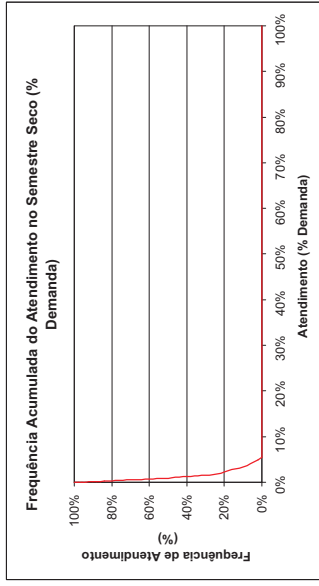
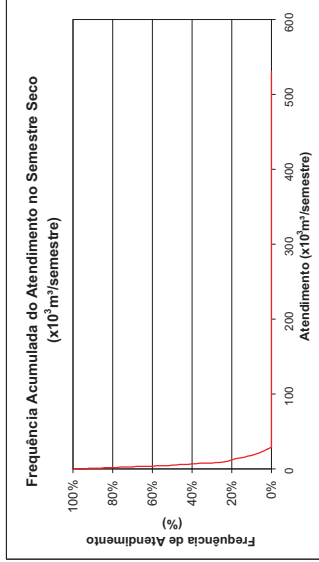
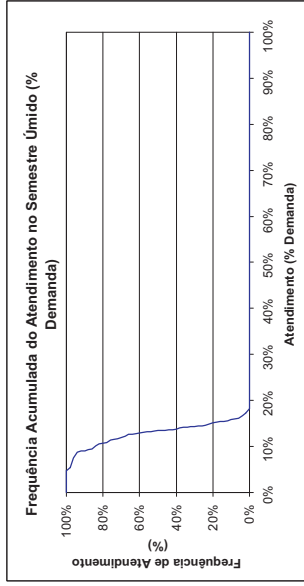
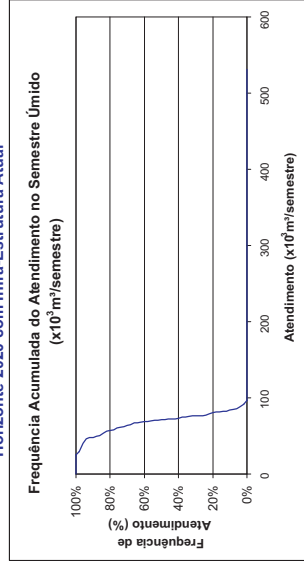
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	8.472	100%	8.472	100%
10%	8.472	100%	8.472	100%
20%	8.472	100%	8.472	100%
30%	8.472	100%	8.472	100%
40%	8.472	100%	8.472	100%
50%	8.472	100%	8.472	100%
60%	8.472	100%	8.472	100%
70%	8.472	100%	8.472	100%
80%	8.472	100%	8.472	100%
90%	8.472	100%	8.472	100%
Atend. Mínimo	8.472	100%	8.472	100%
Atend. de Falha	5.648	67%	8.472	100%
Demanda	8.472	100%	8.472	100%
2º Semestre	2,87%		0,00%	
Demanda	8,472 x10 ³ m ³ /semestre		0,54 l/s	





Pecém e Taiba
Demanda Humana Difusa
FED.SGA.02
Horizonte 2020 com Infra-Estrutura Atual

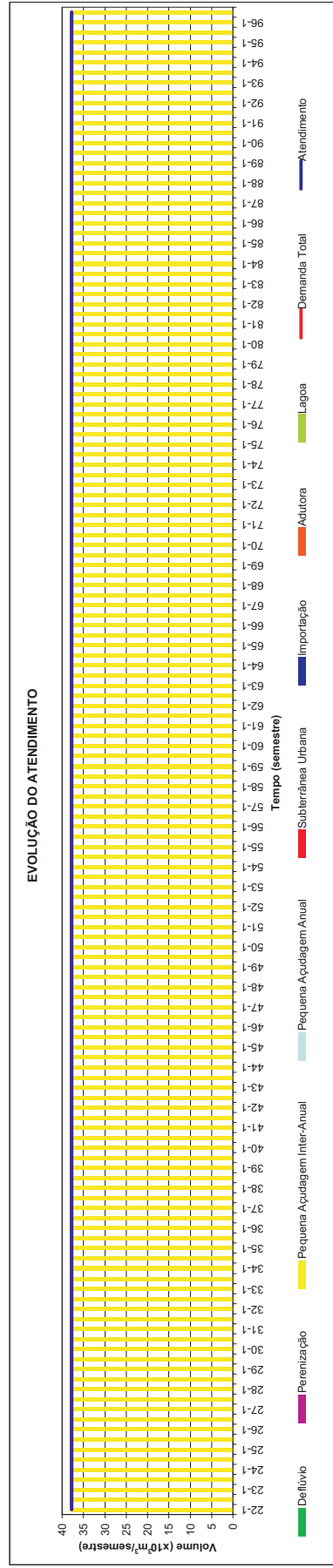
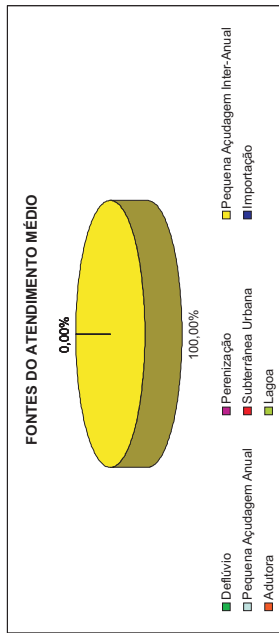
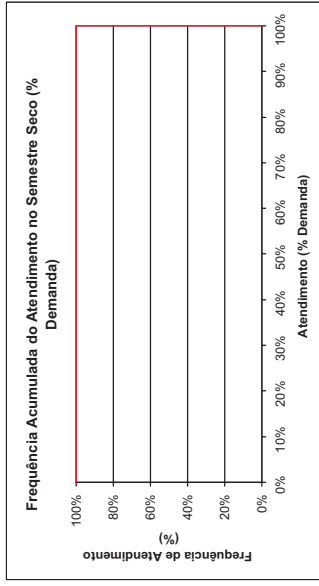
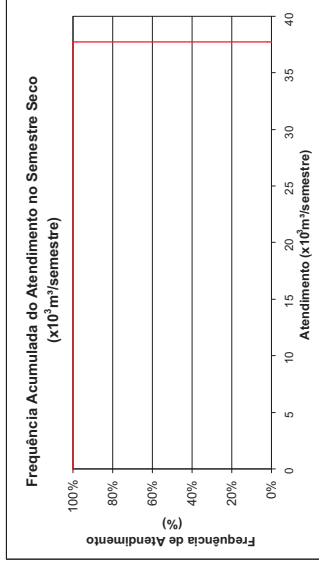
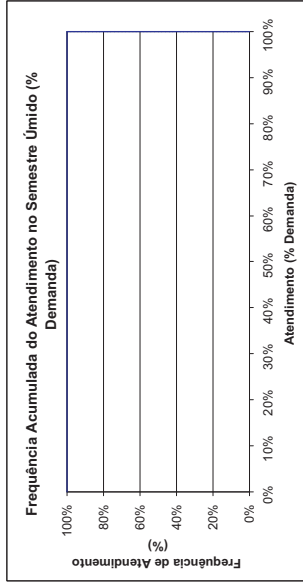
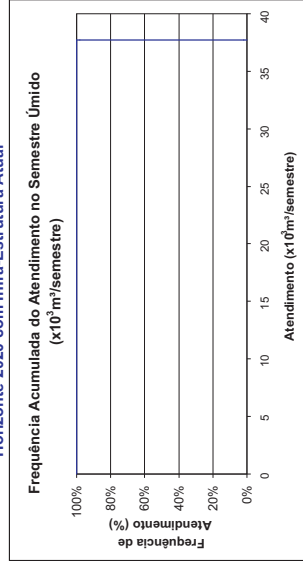
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	96.654	18%	29.174	5%
10%	83.886	16%	18.0584	3%
20%	80.3078	15%	11.6424	2%
30%	81.2466	14%	7.8924	1%
40%	73.3478	14%	6.6452	1%
50%	71.321	13%	4.779	1%
60%	66.6908	13%	3.756	1%
70%	63.6106	12%	2.8842	1%
80%	57.1604	11%	1.8406	0%
90%	45.1458	9%	0.6818	0%
100%	25.161	5%	0.158	0%
Atend. Médio	71.321	13%	4.779	1%
Atend. Mínimo	25.161	5%	0.158	0%
Freq. de Falha	100,00%		100,00%	
Demanda	530.718	x10³m³/semestre	34.13	l/s





Penedo
Demanda Humana Difusa
MPA.MAN.01
Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	37.722	100%	37.722	100%
10%	37.722	100%	37.722	100%
20%	37.722	100%	37.722	100%
30%	37.722	100%	37.722	100%
40%	37.722	100%	37.722	100%
50%	37.722	100%	37.722	100%
60%	37.722	100%	37.722	100%
70%	37.722	100%	37.722	100%
80%	37.722	100%	37.722	100%
90%	37.722	100%	37.722	100%
100%	37.722	100%	37.722	100%
Atend. Médio	37.722	100%	37.722	100%
Atend. Mínimo	37.722	100%	37.722	100%
Freq. de Falha	0,00%		0,00%	
Demanda	37.722 x10³m³/semestre		2.43 l/s	

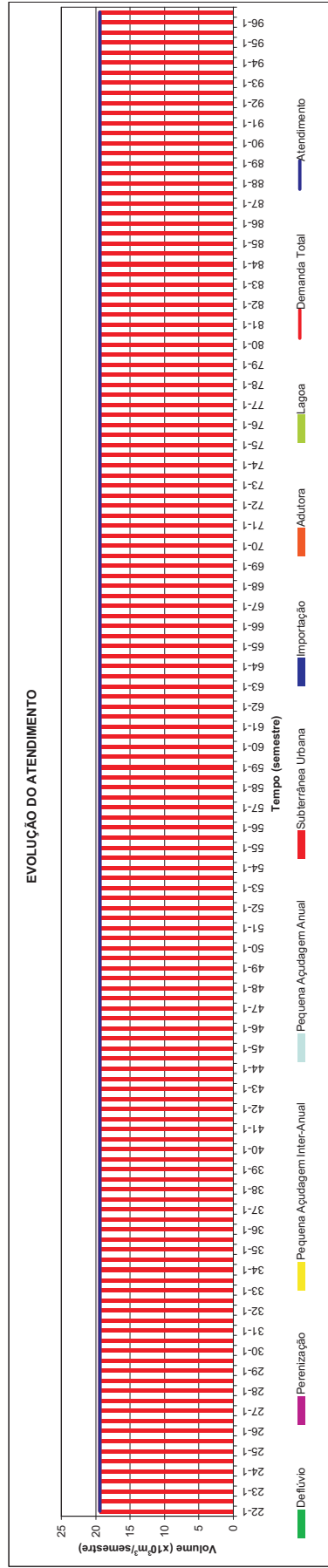
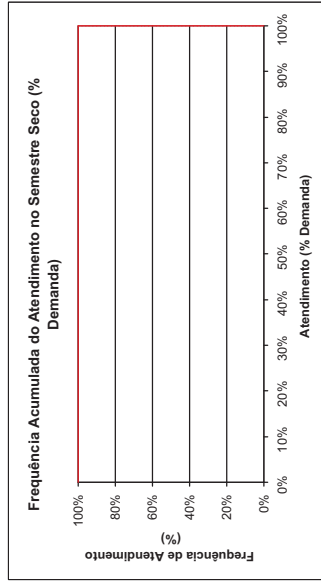
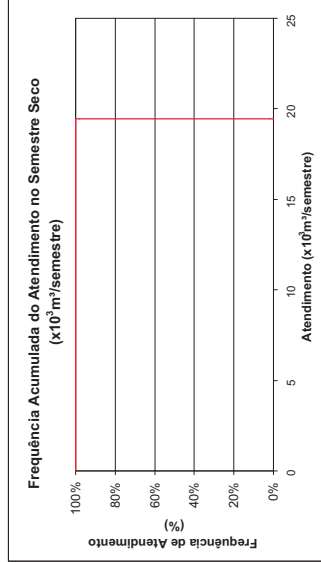
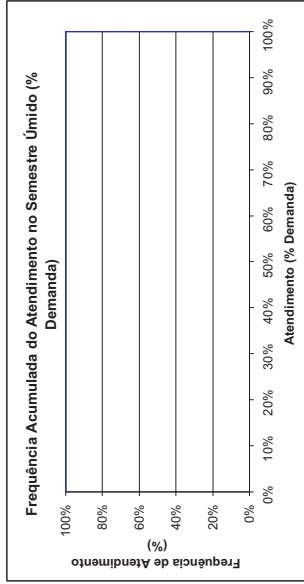
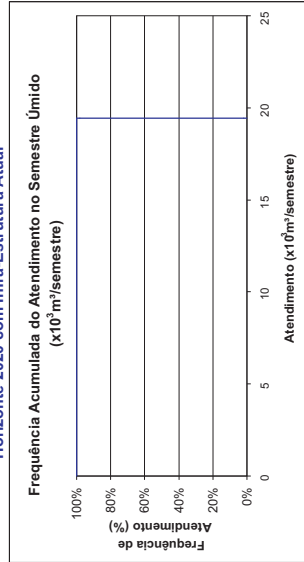
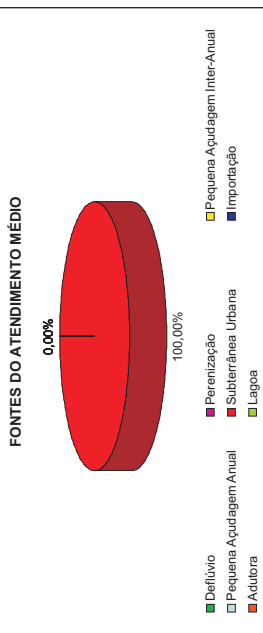




Pernambuco
Demanda Humana Difusa
MPA.GUA.00

Horizonte 2020 com Infra-Estrutura Atual

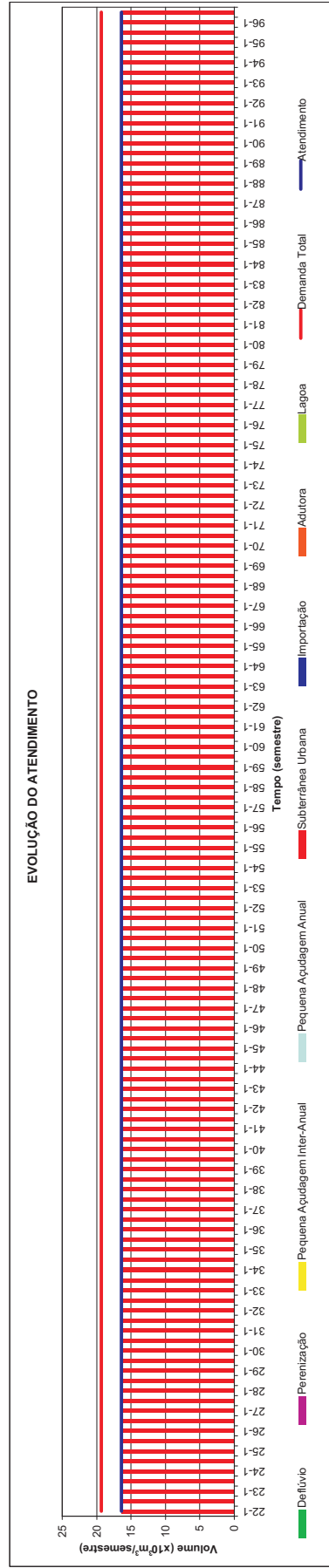
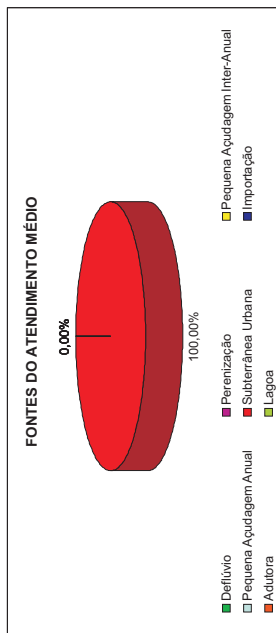
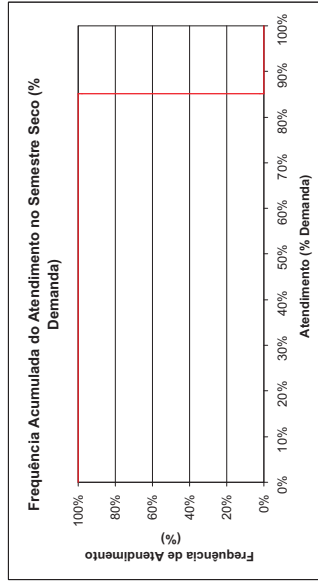
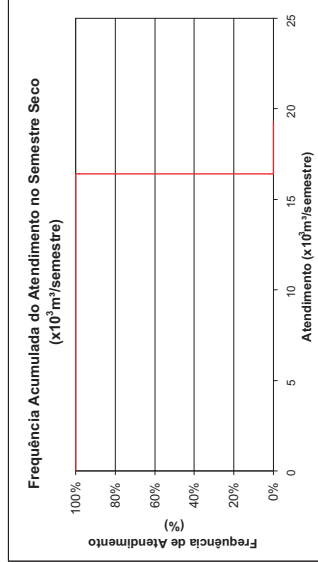
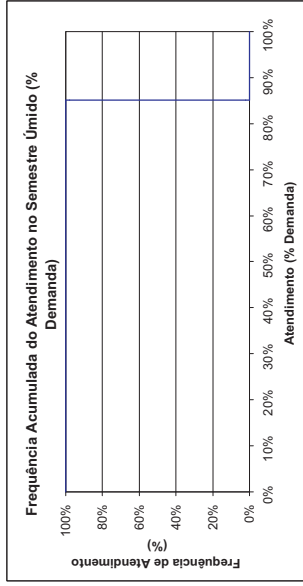
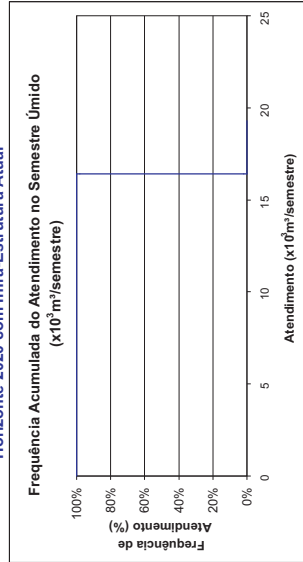
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	19.434	100%	19.434	100%
10%	19.434	100%	19.434	100%
20%	19.434	100%	19.434	100%
30%	19.434	100%	19.434	100%
40%	19.434	100%	19.434	100%
50%	19.434	100%	19.434	100%
60%	19.434	100%	19.434	100%
70%	19.434	100%	19.434	100%
80%	19.434	100%	19.434	100%
90%	19.434	100%	19.434	100%
100%	19.434	100%	19.434	100%
Atend. Médio	19.434	100%	19.434	100%
Atend. Mínimo	19.434	100%	19.434	100%
Freq. de Falha	0.00%		0.00%	
Demanda	19.434 x10³m³/semestre		1.25 l/s	

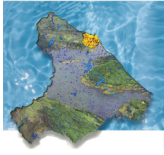




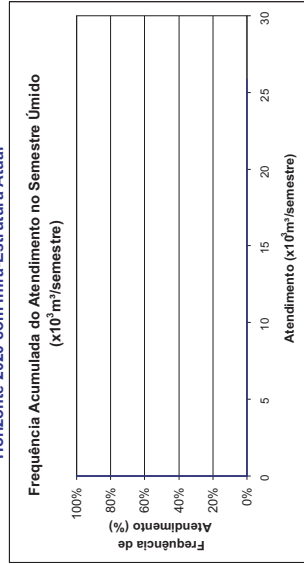
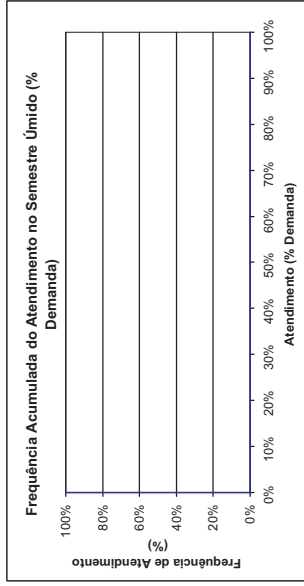
Pirangi
Demanda Humana Difusa
MPI.IBA.11
Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	16.416	85%	16.416	85%
10%	16.416	85%	16.416	85%
20%	16.416	85%	16.416	85%
30%	16.416	85%	16.416	85%
40%	16.416	85%	16.416	85%
50%	16.416	85%	16.416	85%
60%	16.416	85%	16.416	85%
70%	16.416	85%	16.416	85%
80%	16.416	85%	16.416	85%
90%	16.416	85%	16.416	85%
100%	16.416	85%	16.416	85%
Atend. Médio	16.416	85%	16.416	85%
Atend. Mínimo	16.416	85%	16.416	85%
Freq. de Falha	100,00%		100,00%	
Demanda	19.280 x10 ³ m ³ /semestre		1.24 l/s	

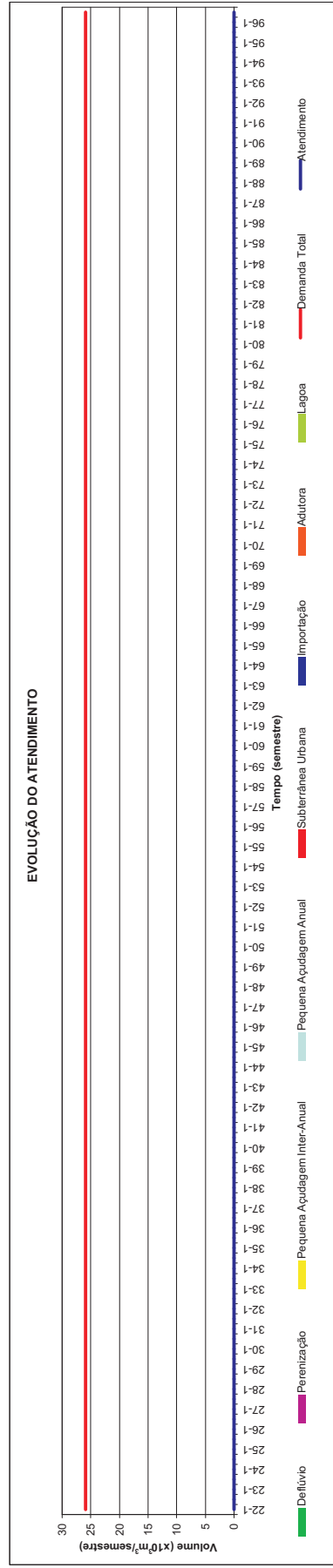
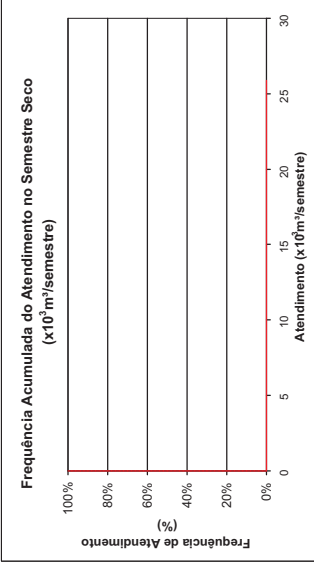
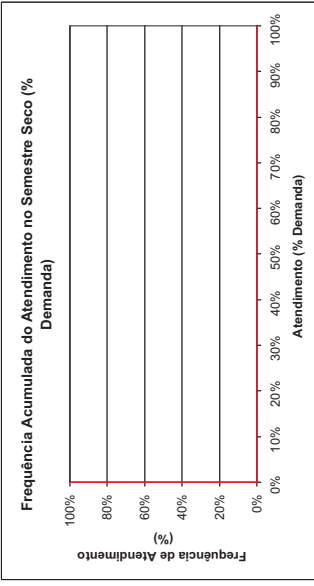


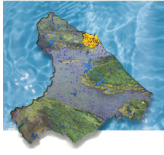


Pitombeiras
Demanda Humana Difusa
MPI.CAV03
Horizonte 2020 com Infra-Estrutura Atual

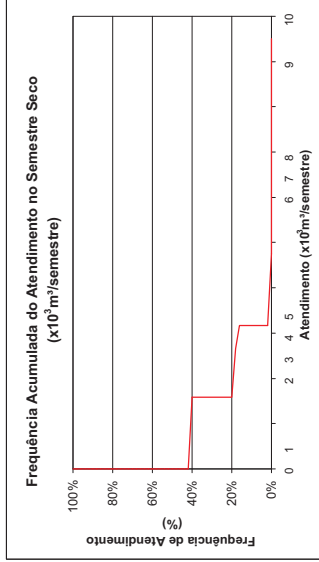
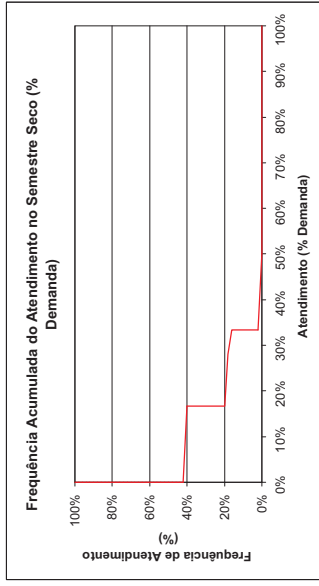
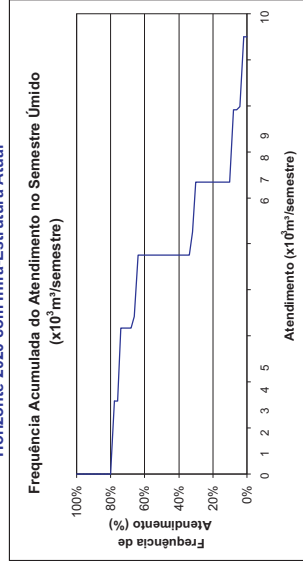
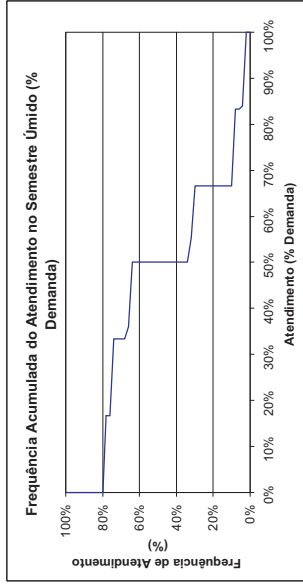


FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ⁶ m ³ /Semestre	% Demanda	x10 ⁶ m ³ /Semestre	% Demanda
0%	0	0%	0	0%
10%	0	0%	0	0%
20%	0	0%	0	0%
30%	0	0%	0	0%
40%	0	0%	0	0%
50%	0	0%	0	0%
60%	0	0%	0	0%
70%	0	0%	0	0%
80%	0	0%	0	0%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Médio	0	0%	0	0%
Freq. de Falha	0	0%	0	0%
Demanda	100,00%		100,00%	
	25.884 x10⁶m³/semestre		1.66 l/s	

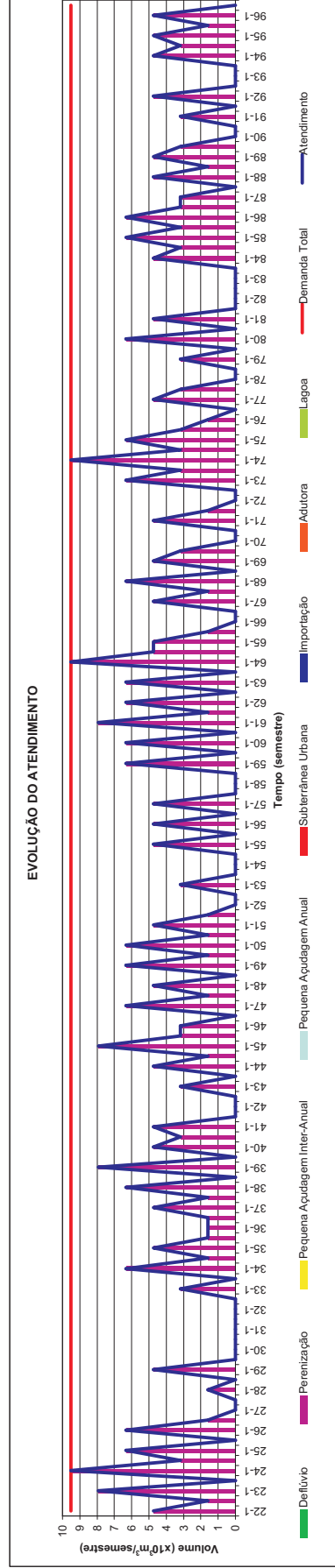
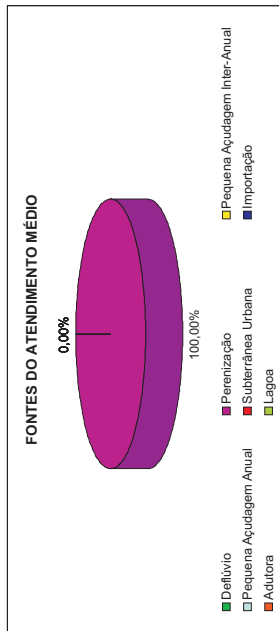




Plácido Martins
Demanda Humana Difusa
MCH_ARC.12
 Horizonte 2020 com Infra-Estrutura Atual



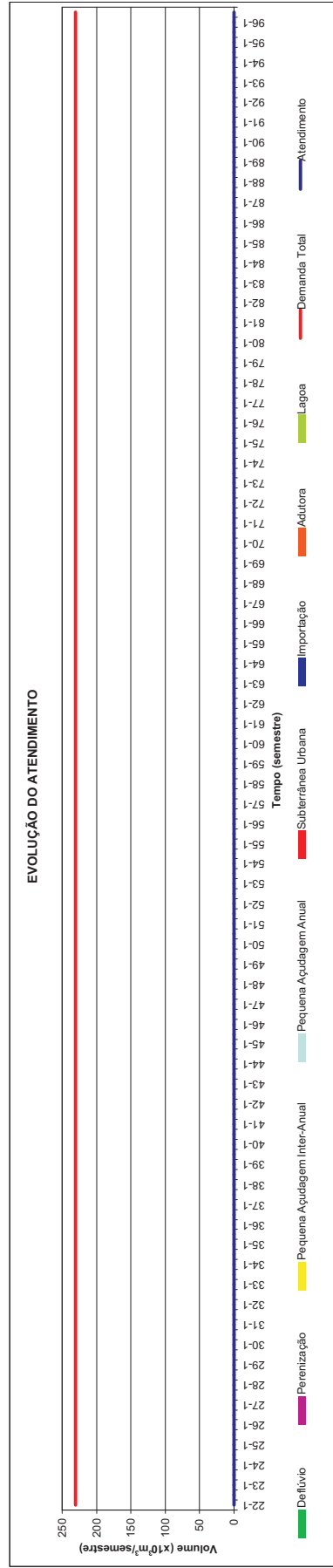
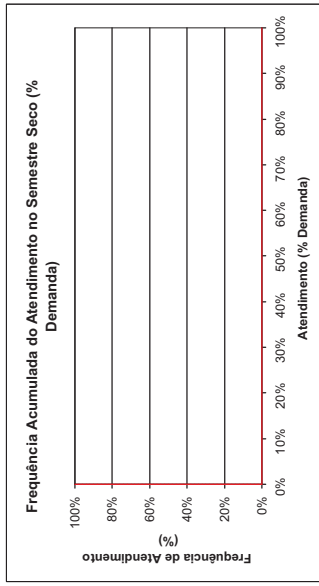
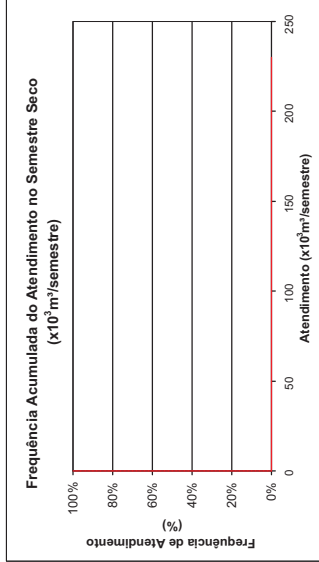
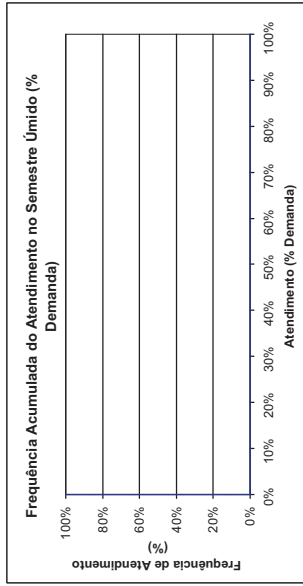
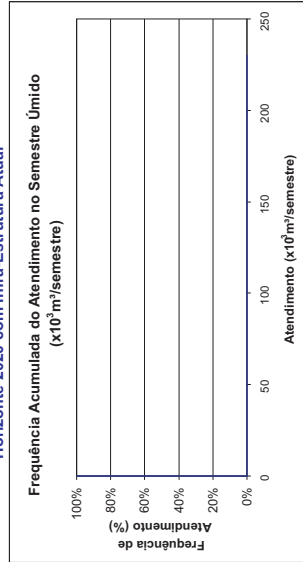
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ⁶ m ³ /Semestre	% Demanda	x10 ⁶ m ³ /Semestre	% Demanda
0%	9.504	100%	4.752	50%
10%	6.336	67%	3.168	33%
20%	6.336	67%	1.584	17%
30%	6.336	67%	1.584	17%
40%	4.752	50%	1.584	17%
50%	4.752	50%	0	0%
60%	4.752	50%	0	0%
70%	3.168	33%	0	0%
80%	0	0%	0	0%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Médio	4.752	50%	0	0%
Atend. Mínimo	0	0%	0	0%
Freq. de Falha	96,00%	0%	0	100,00%
Demanda	9.504 x10⁶ m³/semestre		0,61 l/s	

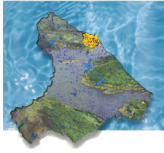




Porto das Dunas
Demanda Humana Difusa
FED.AQU.01
Horizonte 2020 com Infra-Estrutura Atual

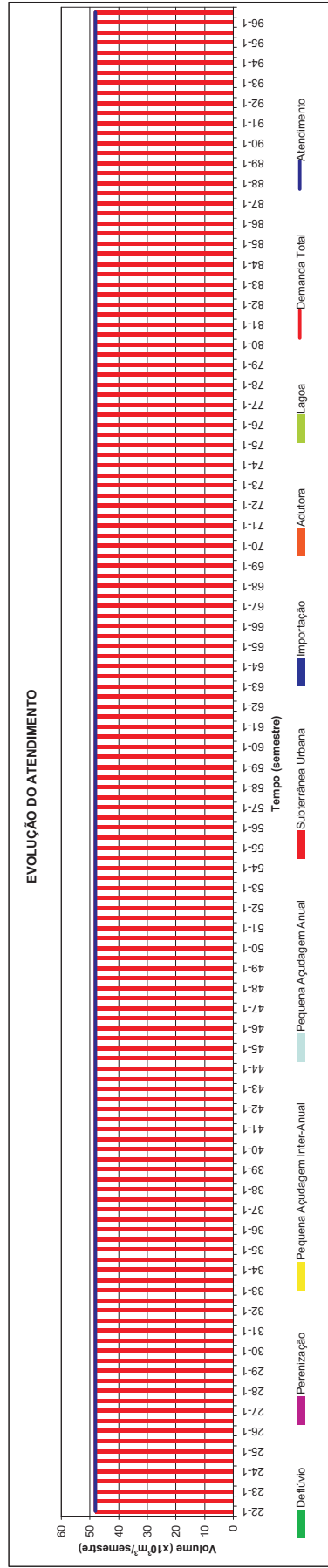
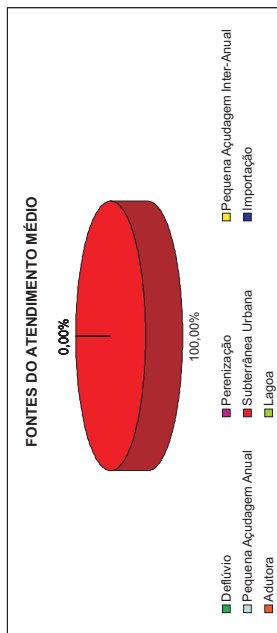
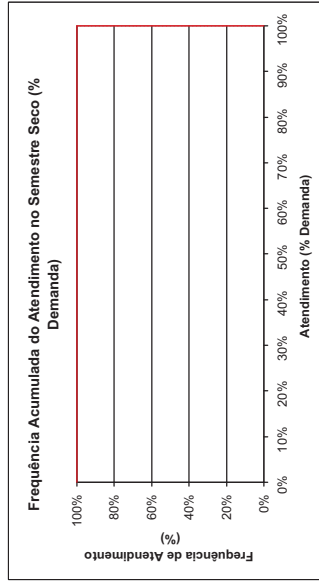
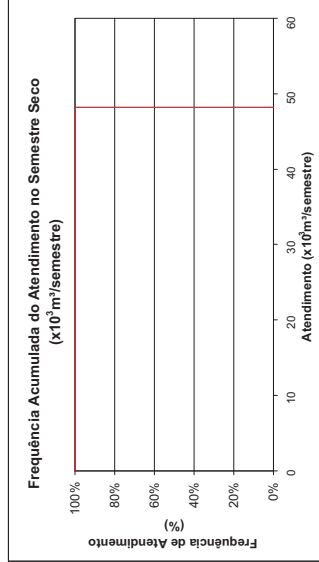
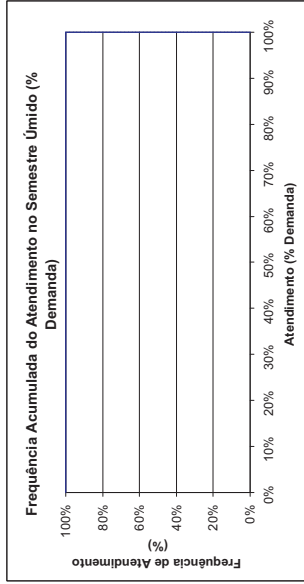
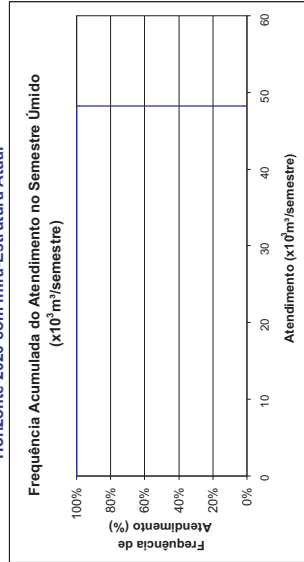
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	0	0%	0	0%
10%	0	0%	0	0%
20%	0	0%	0	0%
30%	0	0%	0	0%
40%	0	0%	0	0%
50%	0	0%	0	0%
60%	0	0%	0	0%
70%	0	0%	0	0%
80%	0	0%	0	0%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Médio	0	0%	0	0%
Atend. Mínimo	0	0%	0	0%
Freq. de Falha	100,00%		100,00%	
Demanda	230.172	x10³m³/semestre	14.80	l/s





Praia
Demanda Humana Difusa
FED.AQU.02
 Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	48,21	100%	48,21	100%
10%	48,21	100%	48,21	100%
20%	48,21	100%	48,21	100%
30%	48,21	100%	48,21	100%
40%	48,21	100%	48,21	100%
50%	48,21	100%	48,21	100%
60%	48,21	100%	48,21	100%
70%	48,21	100%	48,21	100%
80%	48,21	100%	48,21	100%
90%	48,21	100%	48,21	100%
100%	48,21	100%	48,21	100%
Atend. Médio	48,21	100%	48,21	100%
Freq. de Falha	0,00%		0,00%	
Demanda	48,210 x10³m³/semestre		3,10 l/s	

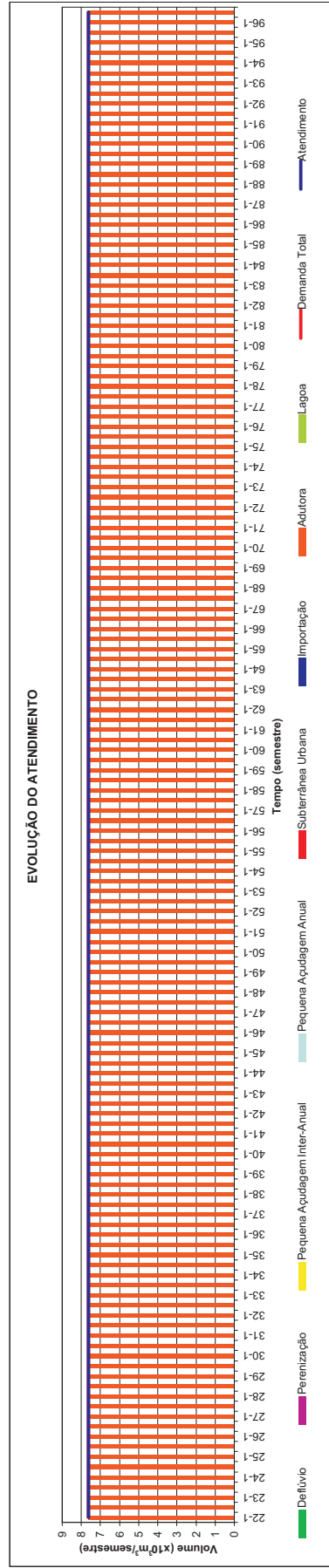
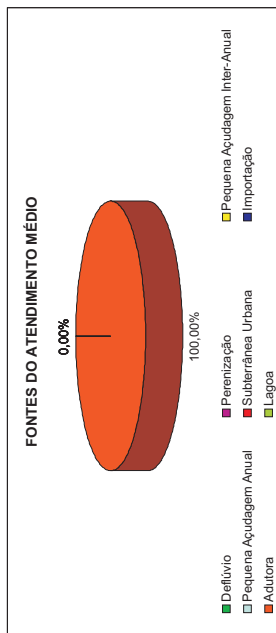
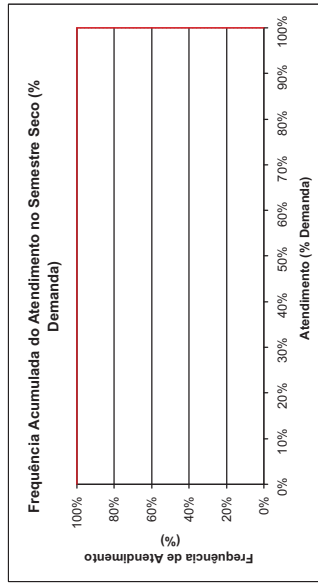
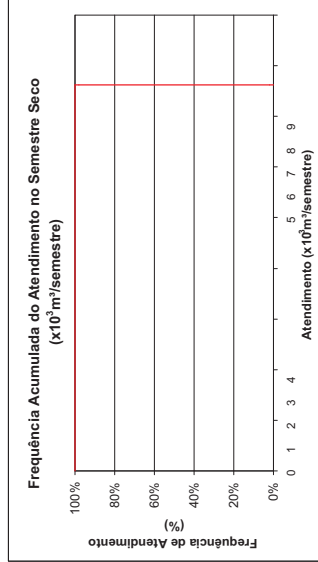
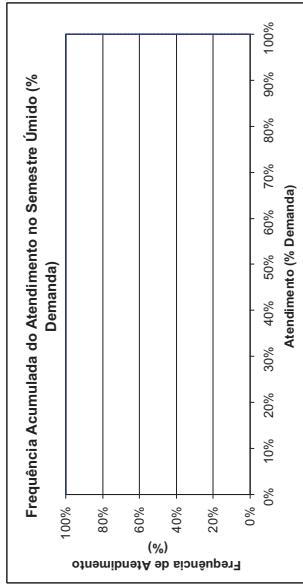
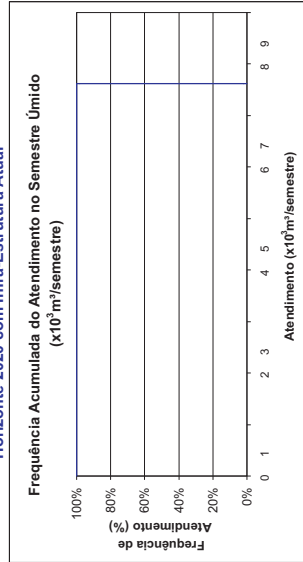




Primavera e Sta. Rosa
Demanda Humana Difusa
MCP CAC.06

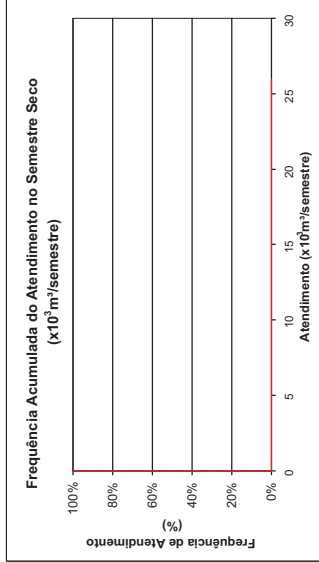
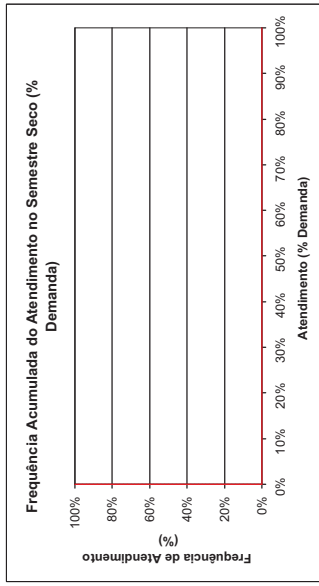
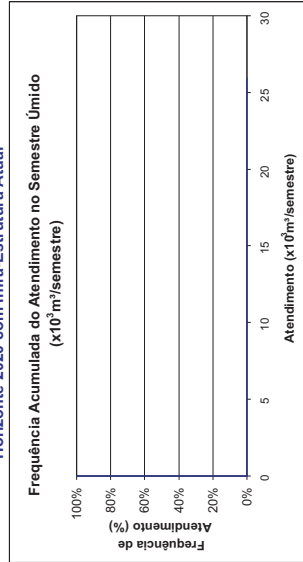
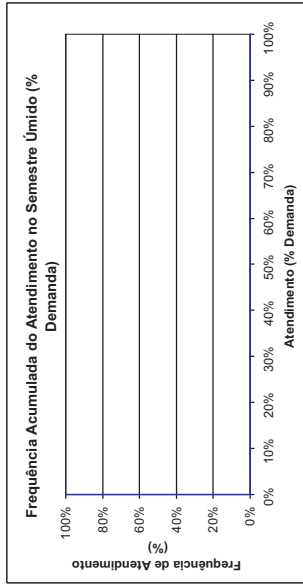
Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	7,62	100%	7,62	100%
10%	7,62	100%	7,62	100%
20%	7,62	100%	7,62	100%
30%	7,62	100%	7,62	100%
40%	7,62	100%	7,62	100%
50%	7,62	100%	7,62	100%
60%	7,62	100%	7,62	100%
70%	7,62	100%	7,62	100%
80%	7,62	100%	7,62	100%
90%	7,62	100%	7,62	100%
100%	7,62	100%	7,62	100%
Atend. Mínimo	7,62	100%	7,62	100%
Freq. de Falha	0,00%		0,00%	
Demanda	7,620 x10³m³/semestre		0,49 l/s	

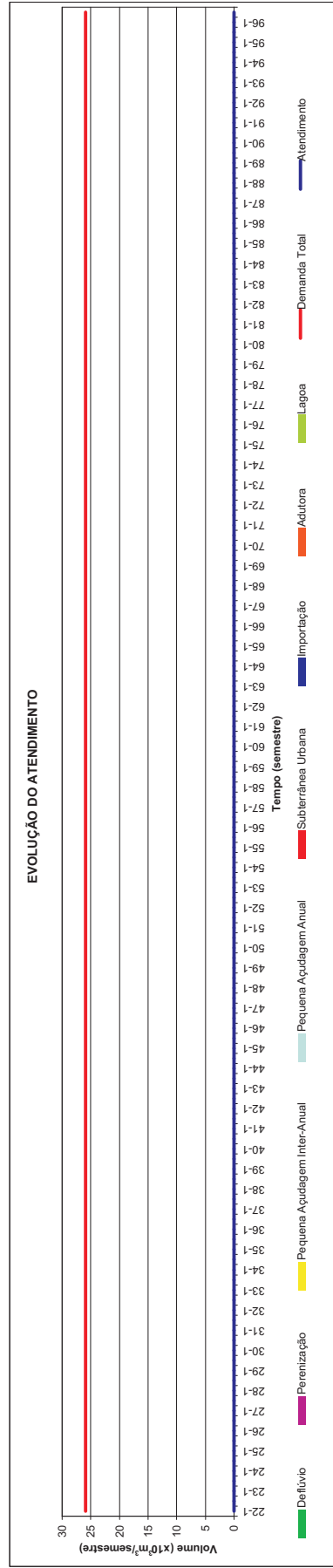




Queimados
Demanda Humana Difusa
MCH_HOR.01
 Horizonte 2020 com Infra-Estrutura Atual



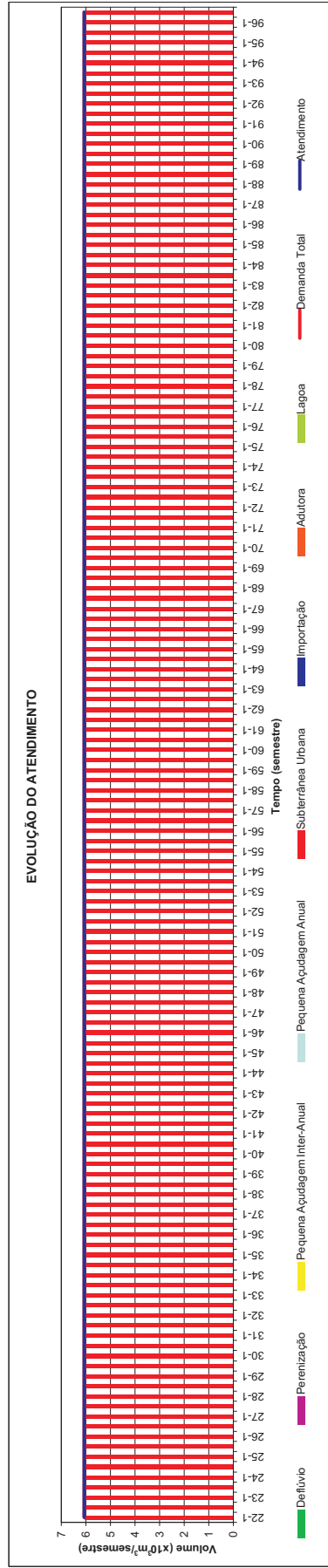
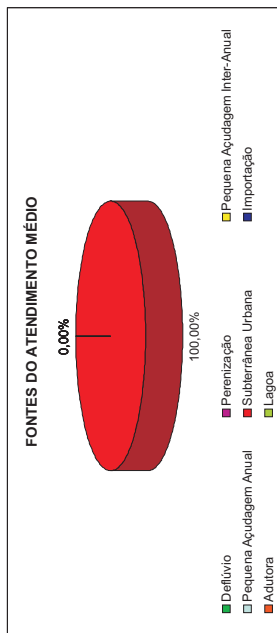
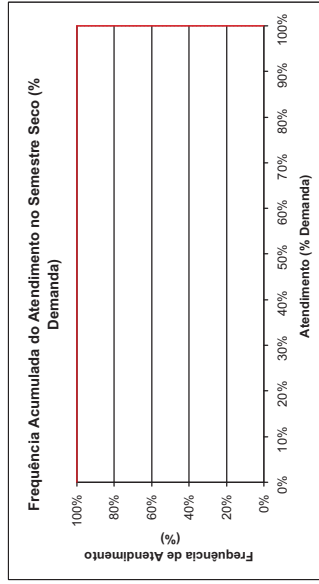
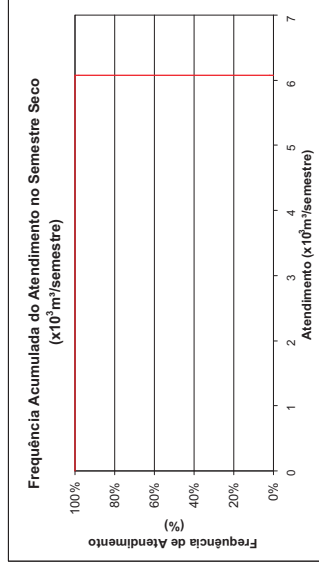
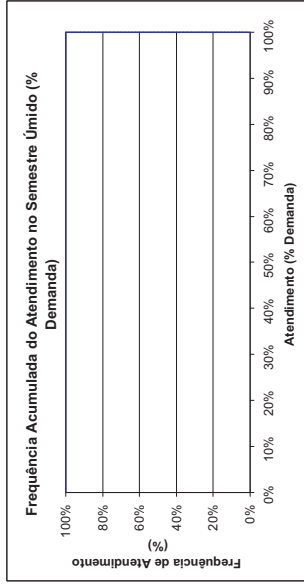
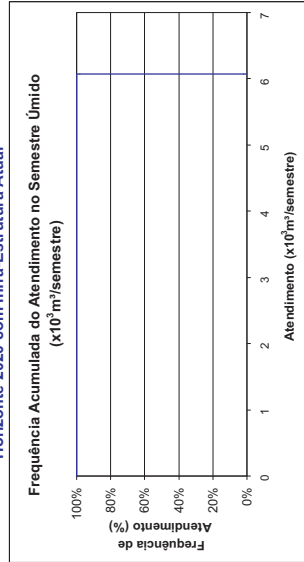
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10³ m³/Semestre	% Demanda	x10³ m³/Semestre	% Demanda
0%	0	0%	0	0%
10%	0	0%	0	0%
20%	0	0%	0	0%
30%	0	0%	0	0%
40%	0	0%	0	0%
50%	0	0%	0	0%
60%	0	0%	0	0%
70%	0	0%	0	0%
80%	0	0%	0	0%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Mínimo	0	0%	0	0%
Atend. Médio	0	0%	0	0%
Freq. de Falha	0	0%	0	0%
Demanda	100,00%	25.950 x10³ m³/semestre	100,00%	1.67 l/s





Santa Ana
Demanda Humana Difusa
MPA, PAO.02
Horizonte 2020 com Infra-Estrutura Atual

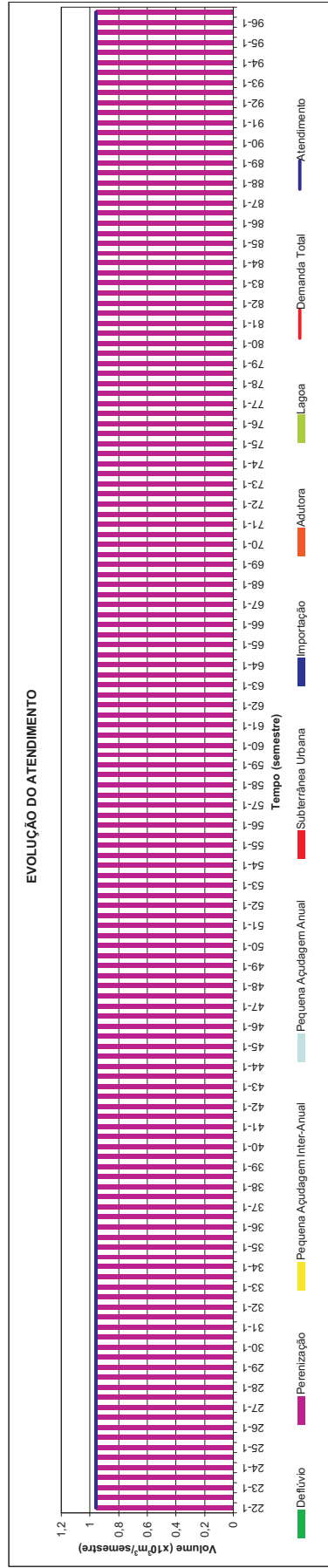
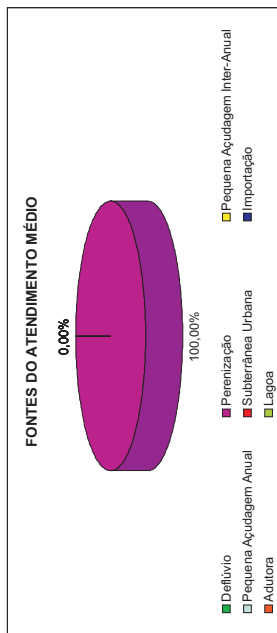
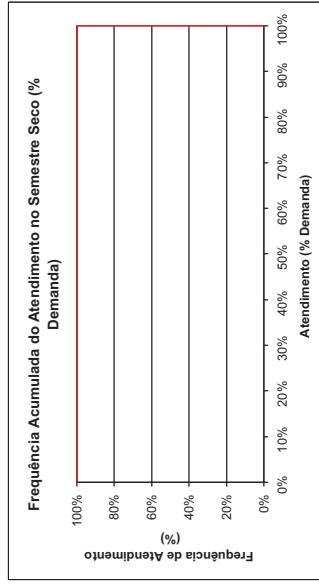
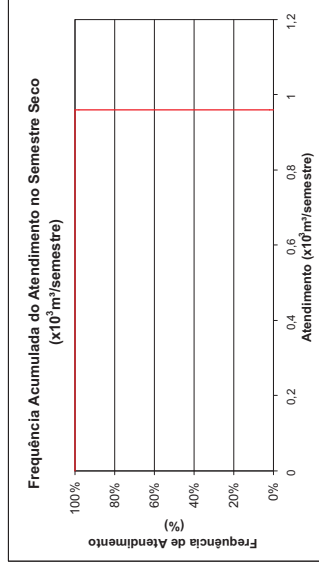
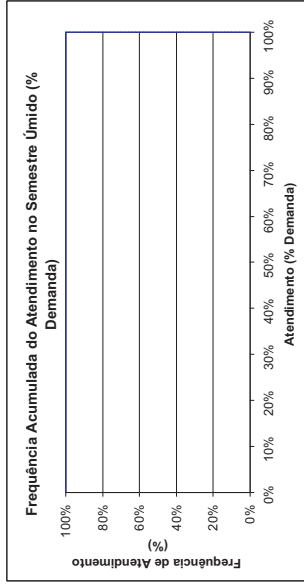
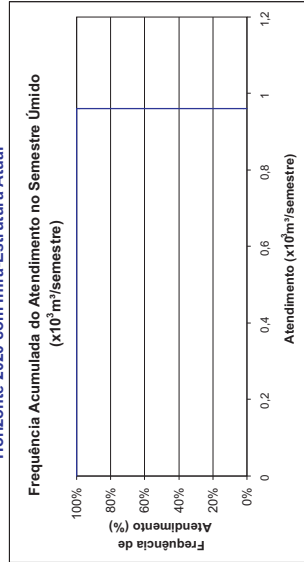
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	6.072	100%	6.072	100%
10%	6.072	100%	6.072	100%
20%	6.072	100%	6.072	100%
30%	6.072	100%	6.072	100%
40%	6.072	100%	6.072	100%
50%	6.072	100%	6.072	100%
60%	6.072	100%	6.072	100%
70%	6.072	100%	6.072	100%
80%	6.072	100%	6.072	100%
90%	6.072	100%	6.072	100%
100%	6.072	100%	6.072	100%
Atend. Mínimo	6.072	100%	6.072	100%
Freq. de Falha	0.00%		0.00%	
Demanda	6.072 x10³m³/semestre		6.072 x10³m³/semestre	
			0.39 l/s	





São Gerardo
Demanda Humana Difusa
MPA.RED.01
 Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	0.96	100%	0.96	100%
10%	0.96	100%	0.96	100%
20%	0.96	100%	0.96	100%
30%	0.96	100%	0.96	100%
40%	0.96	100%	0.96	100%
50%	0.96	100%	0.96	100%
60%	0.96	100%	0.96	100%
70%	0.96	100%	0.96	100%
80%	0.96	100%	0.96	100%
90%	0.96	100%	0.96	100%
100%	0.96	100%	0.96	100%
Atend. Médio	0.96	100%	0.96	100%
Freq. de Falha	0.00%	0.00%	0.00%	0.00%
Demanda	0.960 x10³m³/semestre		0.06 l/s	

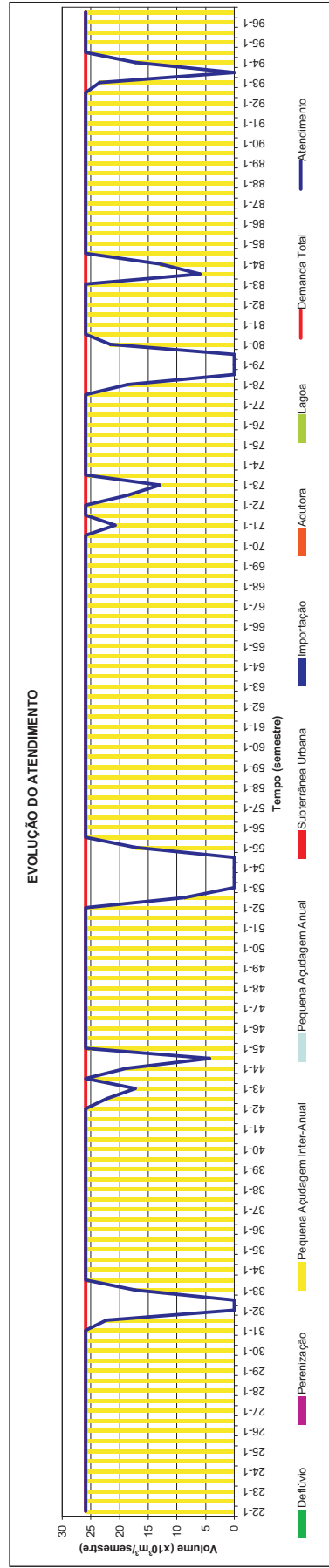
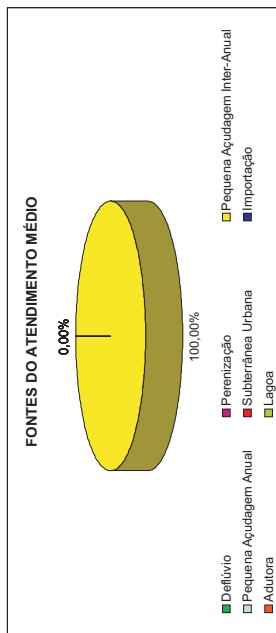
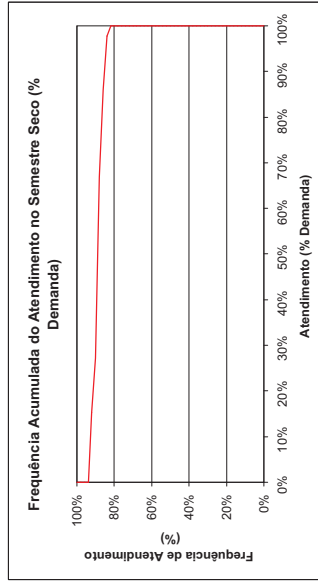
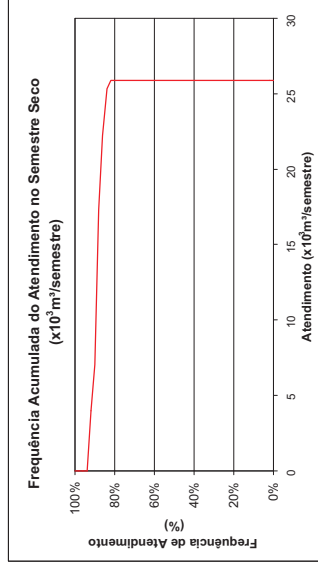
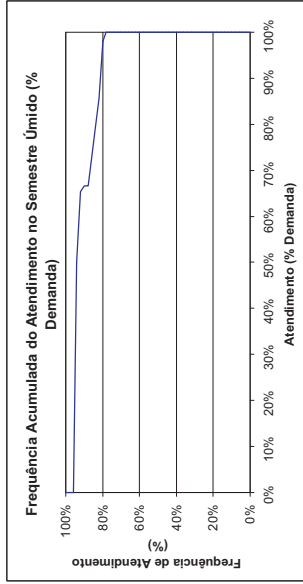
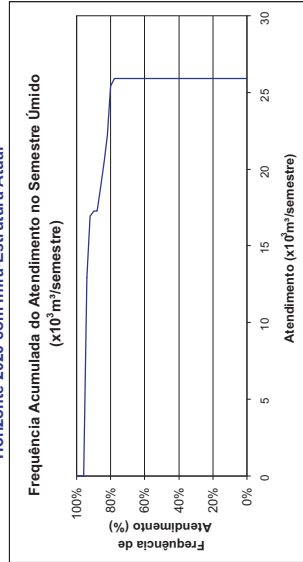


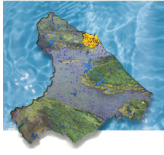


São João dos Queirozes
Demanda Humana Difusa
MPI.QUI.02

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	25.902	100%	25.902	100%
10%	25.902	100%	25.902	100%
20%	25.902	100%	25.902	100%
30%	25.902	100%	25.902	100%
40%	25.902	100%	25.902	100%
50%	25.902	100%	25.902	100%
60%	25.902	100%	25.902	100%
70%	25.902	100%	25.902	100%
80%	25.41	98%	25.902	100%
90%	17.268	67%	7.0302	27%
100%	0	0%	0	0%
Atend. Médio	25.902	100%	25.902	100%
Freq. de Falha	0	0%	0	0%
Demanda	25.902 x10³m³/semestre		16.00%	
			1.67 l/s	

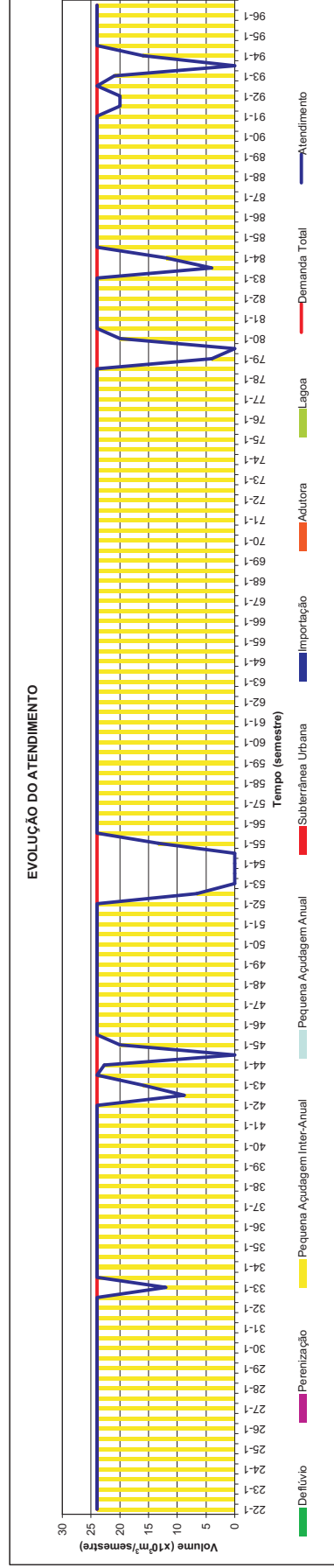
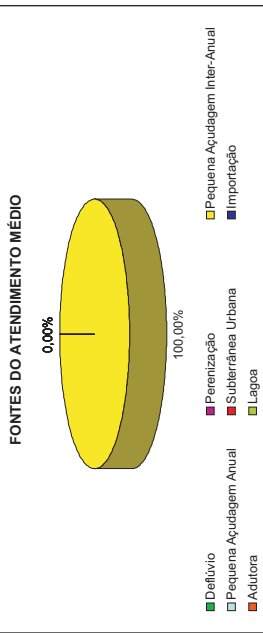
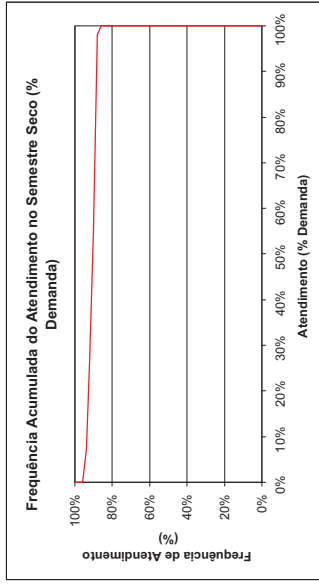
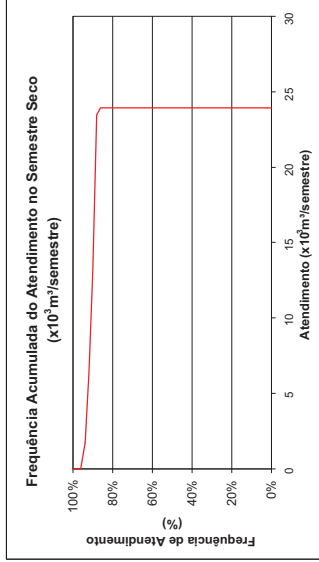
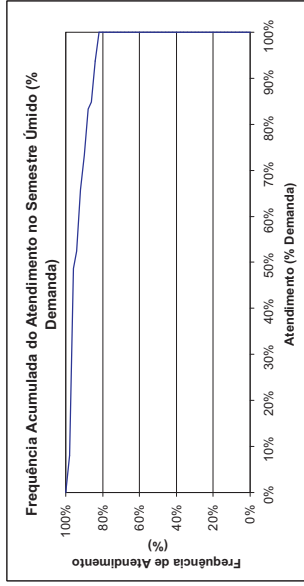
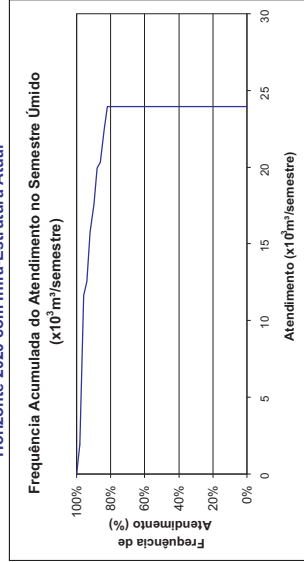




São José Demanda Humana Difusa MPLPAL.01

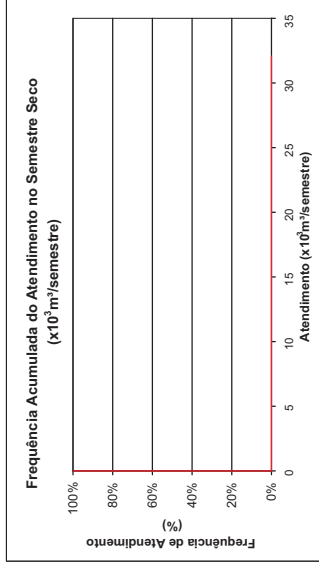
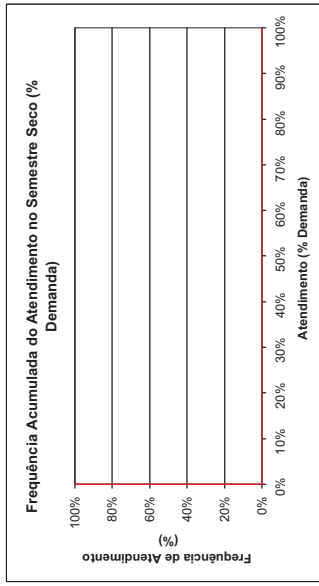
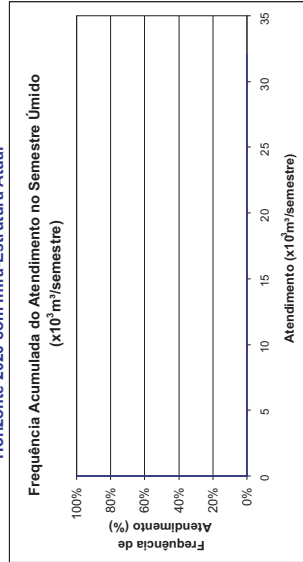
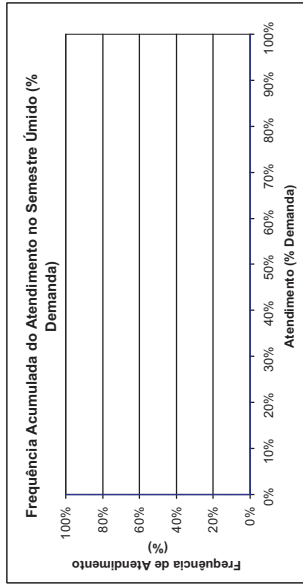
Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	23.952	100%	23.952	100%
10%	23.952	100%	23.952	100%
20%	23.952	100%	23.952	100%
30%	23.952	100%	23.952	100%
40%	23.952	100%	23.952	100%
50%	23.952	100%	23.952	100%
60%	23.952	100%	23.952	100%
70%	23.952	100%	23.952	100%
80%	23.952	100%	23.952	100%
90%	17.5648	73%	13.2526	55%
100%	0	0%	0	0%
Atend. Médio	23.952	100%	23.952	100%
Freq. de Falha	0	0%	0	0%
Demanda	23.952 x10 ³ m ³ /semestre		12.00%	1.54 l/s

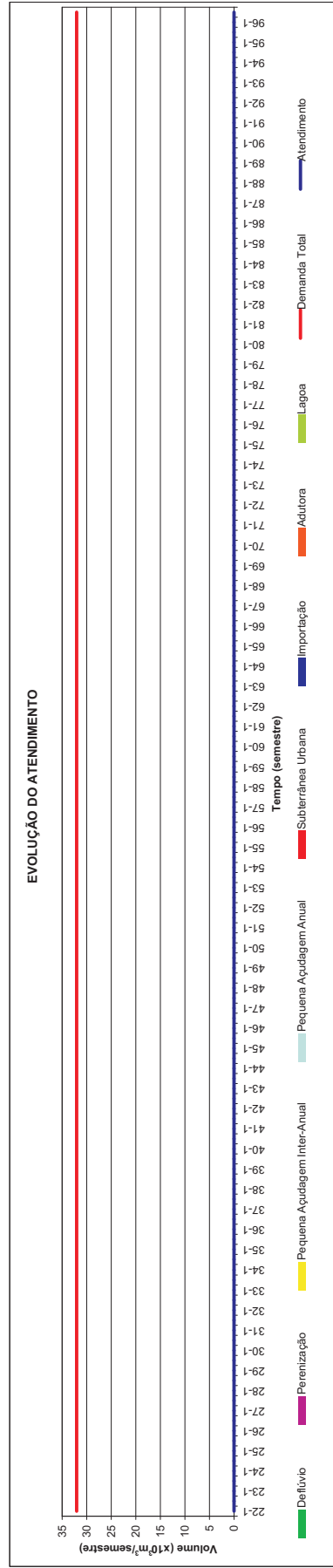


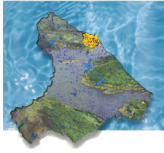


São Sebastião
Demanda Humana Difusa
MCH.BAT03
 Horizonte 2020 com Infra-Estrutura Atual



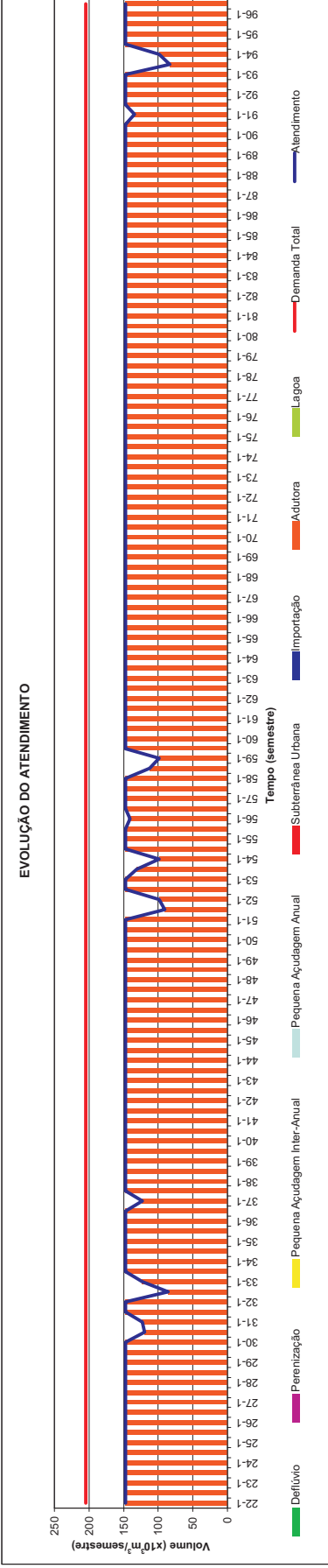
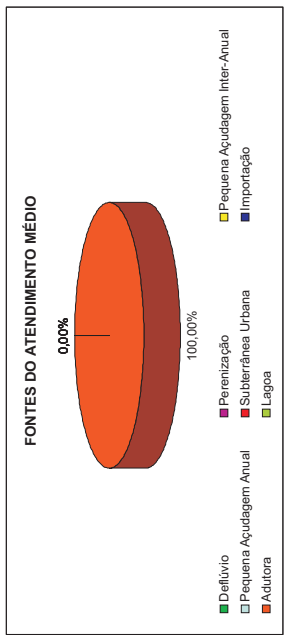
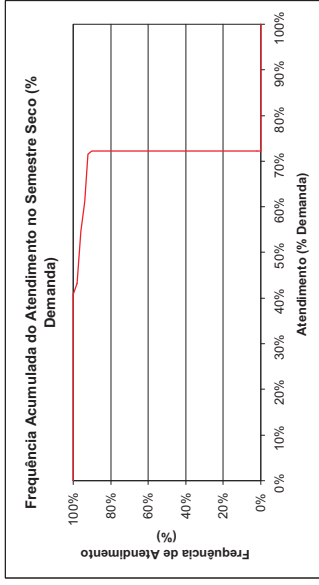
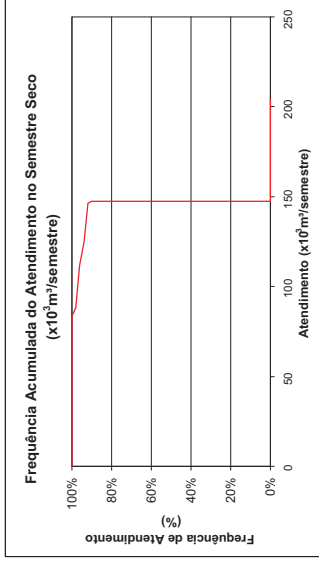
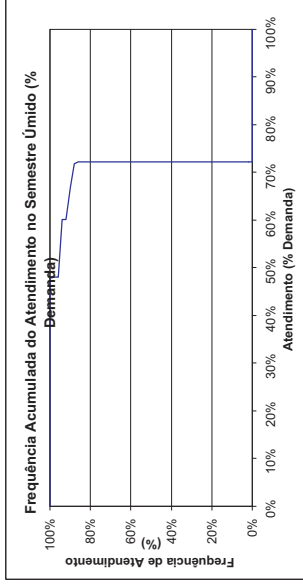
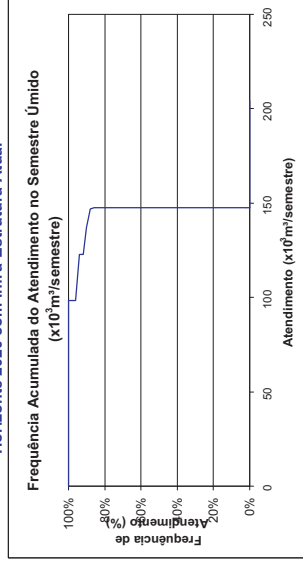
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ⁶ m ³ /Semestre	% Demanda	x10 ⁶ m ³ /Semestre	% Demanda
0%	0	0%	0	0%
10%	0	0%	0	0%
20%	0	0%	0	0%
30%	0	0%	0	0%
40%	0	0%	0	0%
50%	0	0%	0	0%
60%	0	0%	0	0%
70%	0	0%	0	0%
80%	0	0%	0	0%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Mínimo	0	0%	0	0%
Atend. Médio	0	0%	0	0%
Freq. de Falha	0	100,00%	0	100,00%
Demanda	32.058	x10⁶ m³/semestre	2.06	l/s

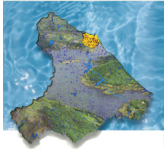




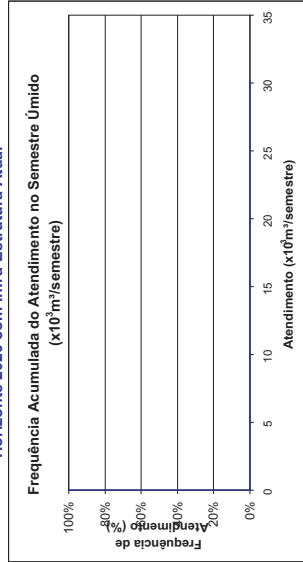
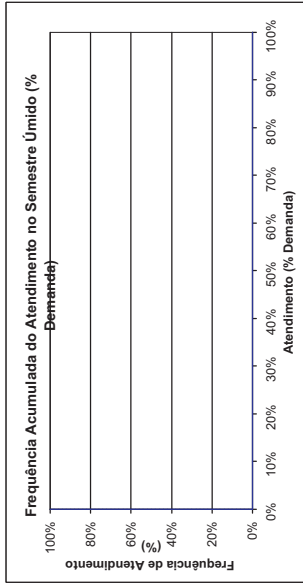
Sapupara
Demanda Humana Difusa
MMA.MAN.02
Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /semestre	% Demanda	x10 ³ m ³ /semestre	% Demanda
0%	147.492	72%	147.492	72%
10%	147.492	72%	147.492	72%
20%	147.492	72%	147.492	72%
30%	147.492	72%	147.492	72%
40%	147.492	72%	147.492	72%
50%	147.492	72%	147.492	72%
60%	147.492	72%	147.492	72%
70%	147.492	72%	147.492	72%
80%	147.492	72%	147.492	72%
90%	136.9038	67%	147.492	72%
100%	98.328	48%	83.505	41%
Atend. Médio	147.492	72%	147.492	72%
Atend. Mínimo	147.492	72%	147.492	72%
Freq. de Falha	98.328	48%	83.505	41%
Demanda	100,00%		100,00%	
	204.366 x10³m³/semestre		13.14 l/s	

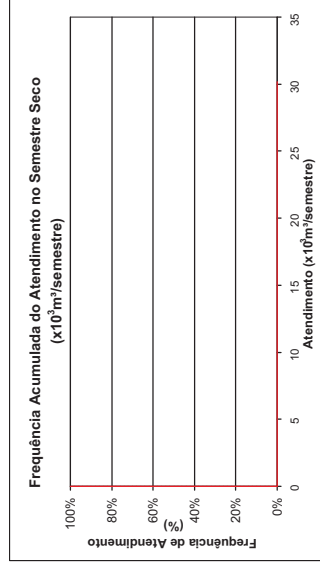
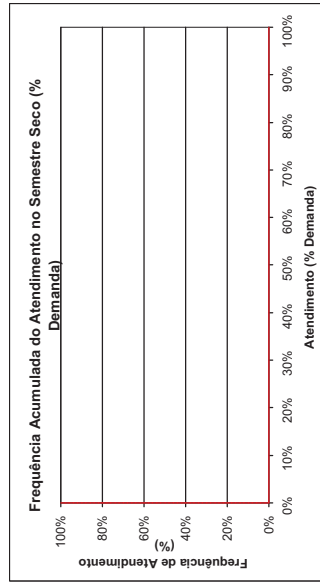




Sereno de Cima
Demanda Humana Difusa
MCH.OCA.03
 Horizonte 2020 com Infra-Estrutura Atual



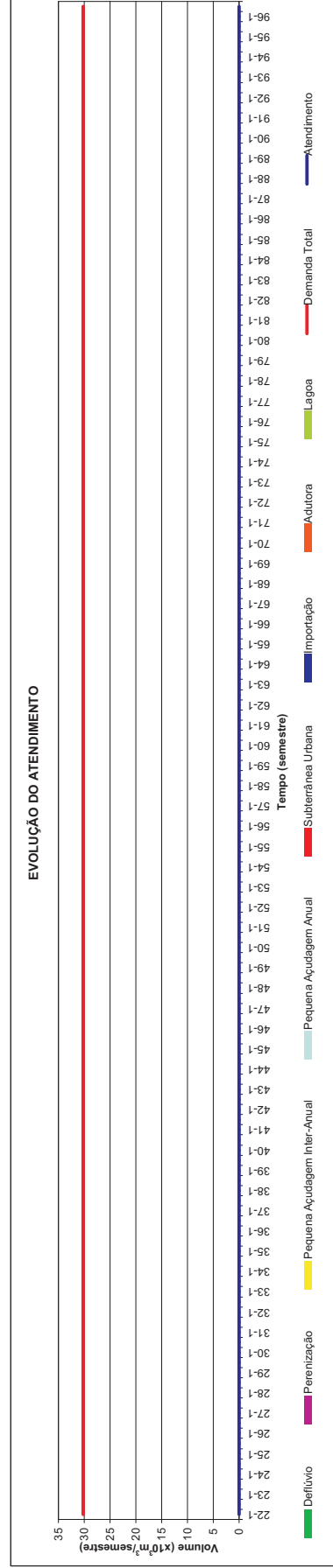
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10³m³/Semestre	% Demanda	x10³m³/Semestre	% Demanda
0%	0	0%	0	0%
10%	0	0%	0	0%
20%	0	0%	0	0%
30%	0	0%	0	0%
40%	0	0%	0	0%
50%	0	0%	0	0%
60%	0	0%	0	0%
70%	0	0%	0	0%
80%	0	0%	0	0%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Médio	0	0%	0	0%
Atend. Mínimo	0	0%	0	0%
Freq. de Falha	100,00%		100,00%	
Demanda	30.192	x10³m³/semestre	100,00%	1.94 l/s



FONTES DO ATENDIMENTO MÉDIO

0,00%

- Deflúvio
- Pequena Ajudagem Anual
- Adutora
- Perenização
- Subterrânea Urbana
- Lagoa
- Pequena Ajudagem Inter-Anual
- Importação

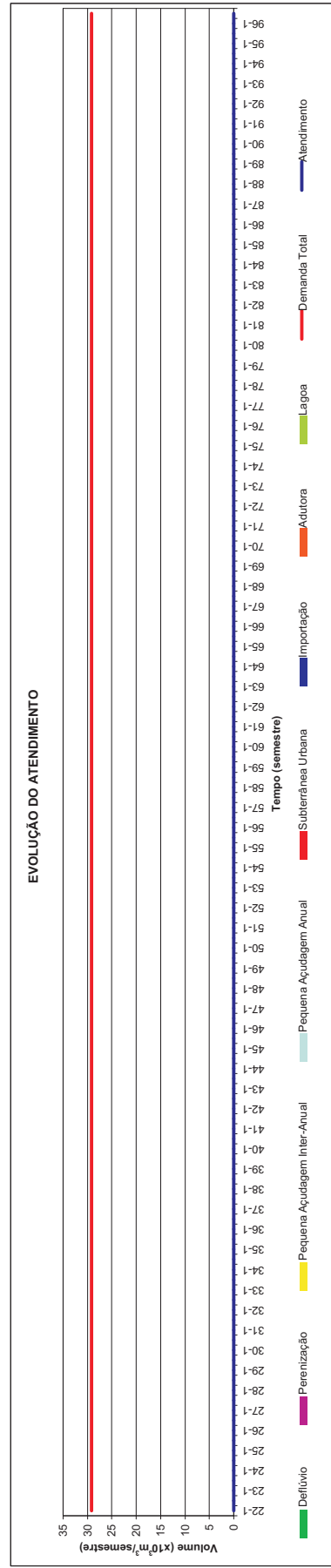
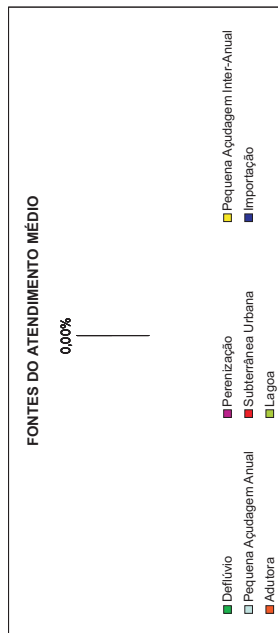
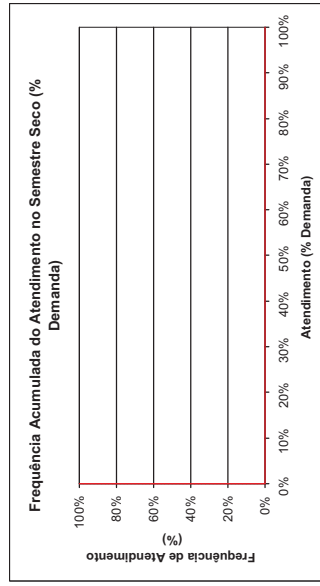
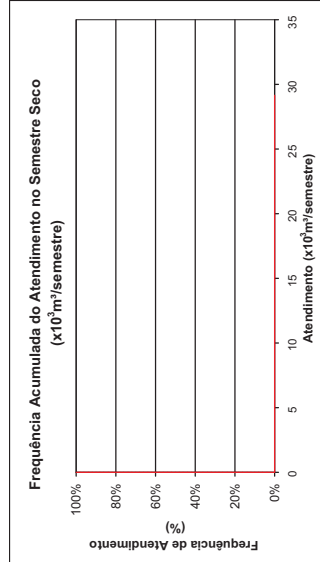
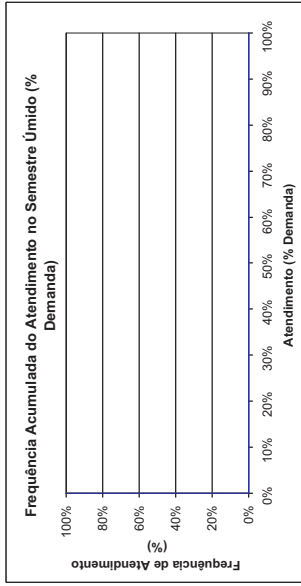
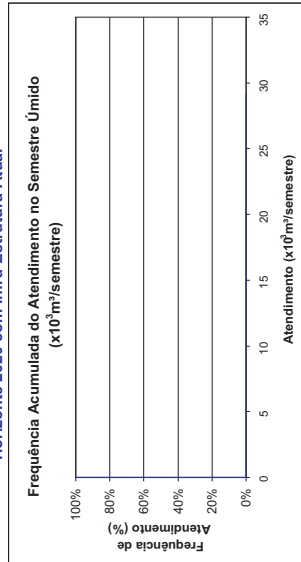




Serra do Félix
Demanda Humana Difusa
MPI.BEB.22

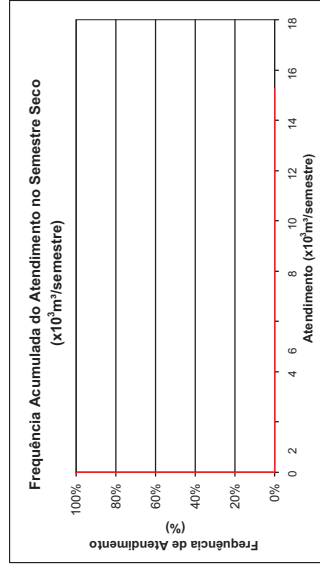
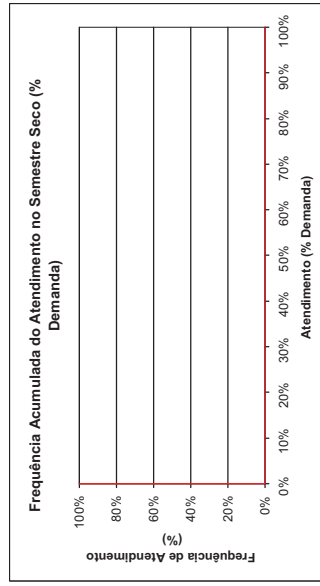
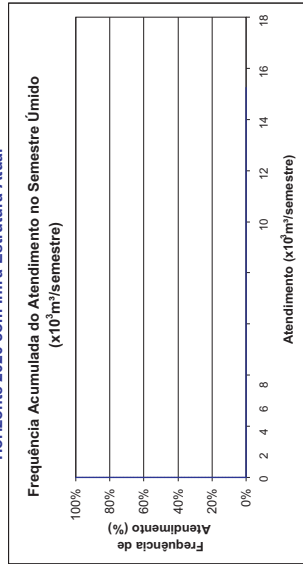
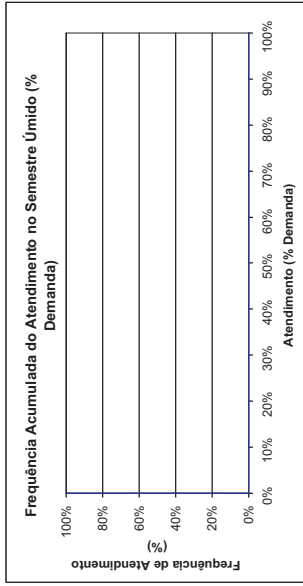
Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	0	0%	0	0%
10%	0	0%	0	0%
20%	0	0%	0	0%
30%	0	0%	0	0%
40%	0	0%	0	0%
50%	0	0%	0	0%
60%	0	0%	0	0%
70%	0	0%	0	0%
80%	0	0%	0	0%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Médio	0	0%	0	0%
Atend. Mínimo	0	0%	0	0%
Demanda	100,00%		100,00%	
Freq. de Falha	29,154 x10 ³ m ³ /semestre		1,87 l/s	

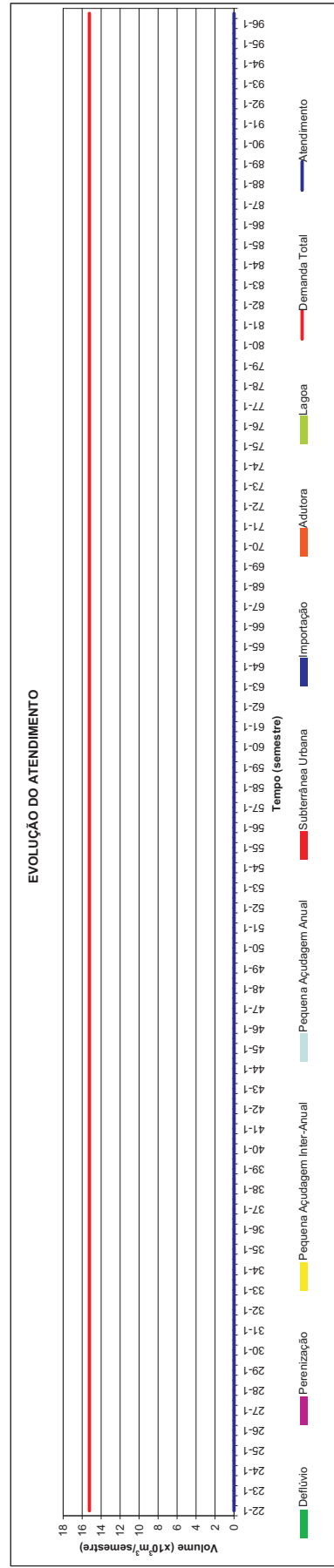




Serragem
Demanda Humana Difusa
MPI.OCA.19
 Horizonte 2020 com Infra-Estrutura Atual



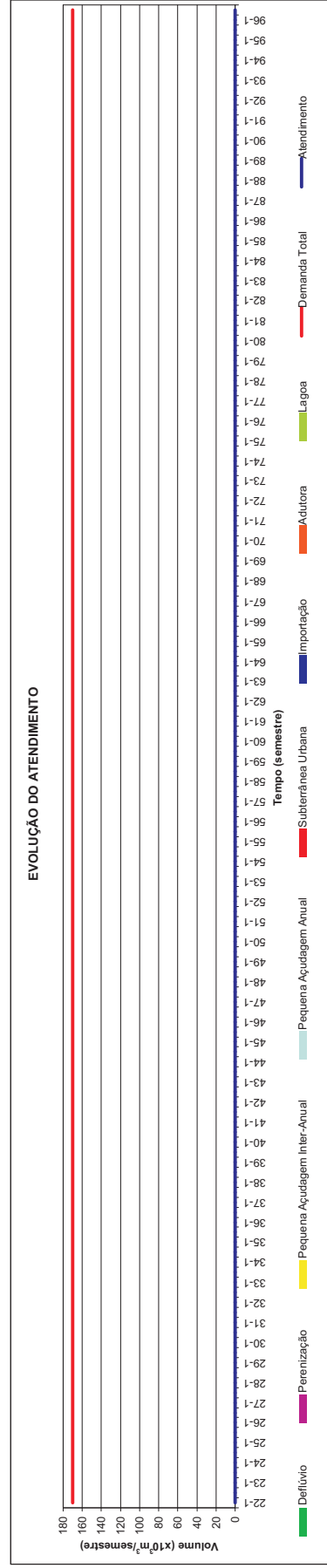
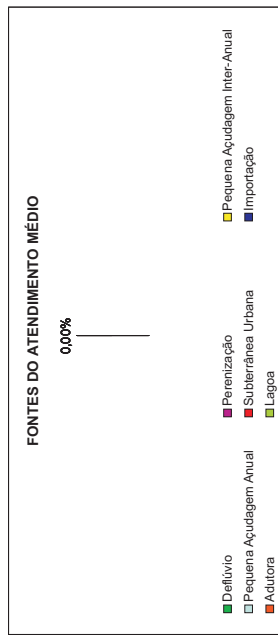
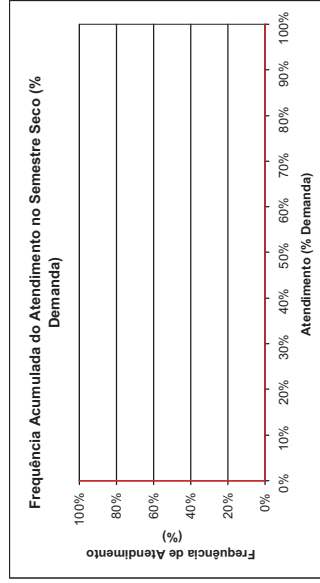
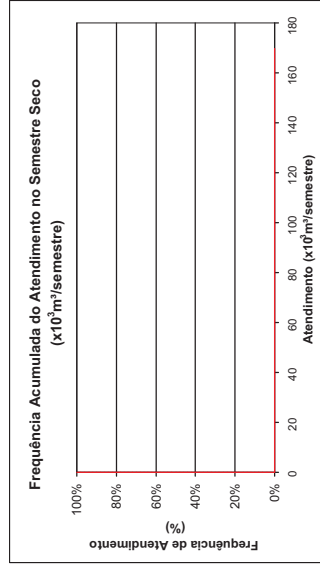
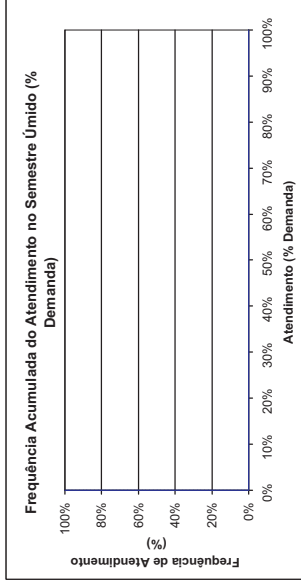
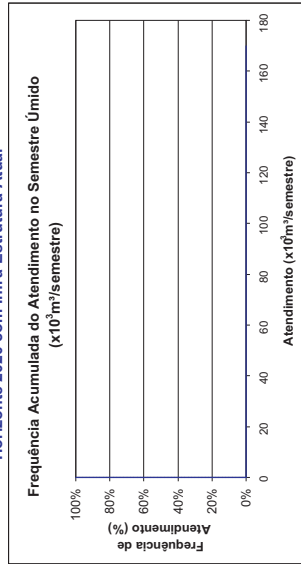
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	0	0%	0	0%
10%	0	0%	0	0%
20%	0	0%	0	0%
30%	0	0%	0	0%
40%	0	0%	0	0%
50%	0	0%	0	0%
60%	0	0%	0	0%
70%	0	0%	0	0%
80%	0	0%	0	0%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Médio	0	0%	0	0%
Atend. Mínimo	0	0%	0	0%
Freq. de Falha	100,00%		100,00%	
Demanda	15.258 x10³ m³/semestre		100,00%	0,98 l/s





Sítios Novos
Demanda Humana Difusa
MSG.CAC.09
 Horizonte 2020 com Infra-Estrutura Atual

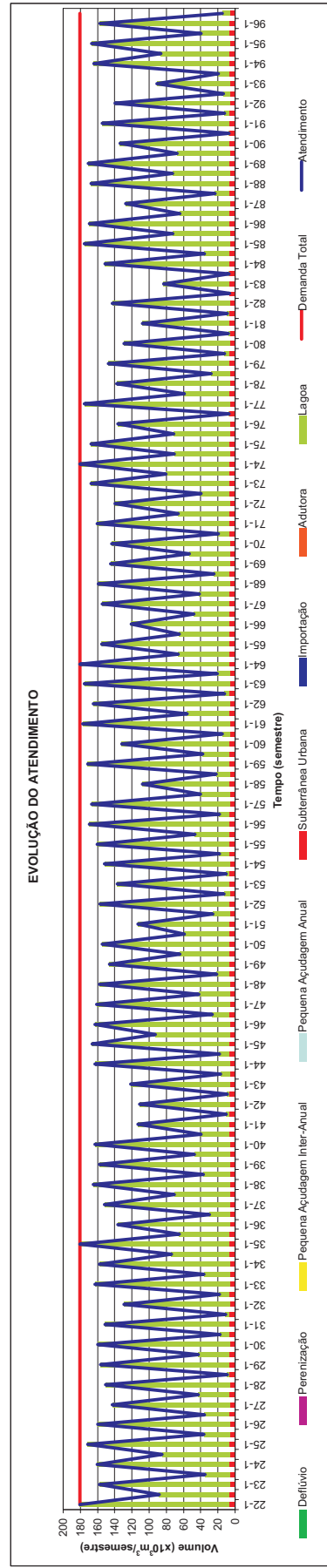
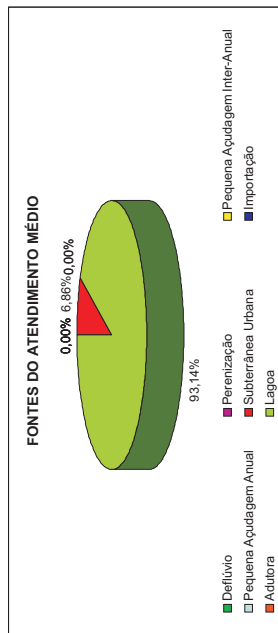
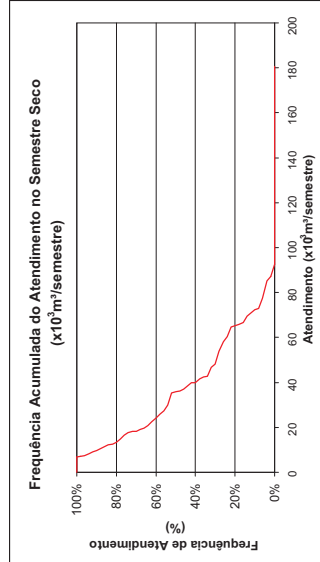
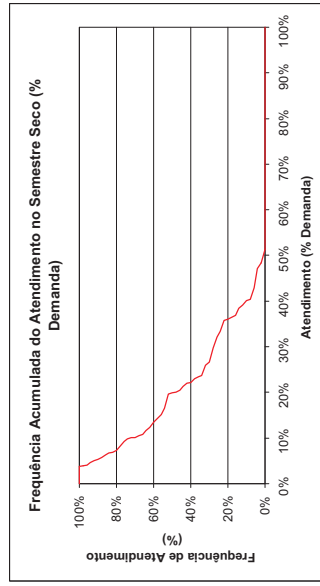
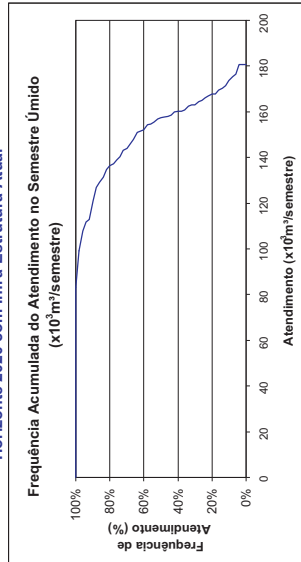
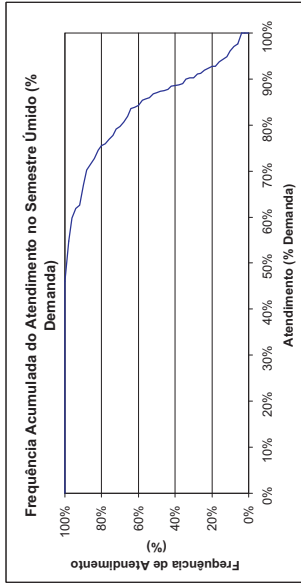
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /semestre	% Demanda	x10 ³ m ³ /semestre	% Demanda
0%	0	0%	0	0%
10%	0	0%	0	0%
20%	0	0%	0	0%
30%	0	0%	0	0%
40%	0	0%	0	0%
50%	0	0%	0	0%
60%	0	0%	0	0%
70%	0	0%	0	0%
80%	0	0%	0	0%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Médio	0	0%	0	0%
Atend. Mínimo	0	0%	0	0%
Freq. de Falha	100,00%		100,00%	
Demanda	169.800 x10 ³ m ³ /semestre		10.92 l/s	





Siupé
Demanda Humana Difusa
MSG.SGA.15
Horizonte 2020 com Infra-Estrutura Atual

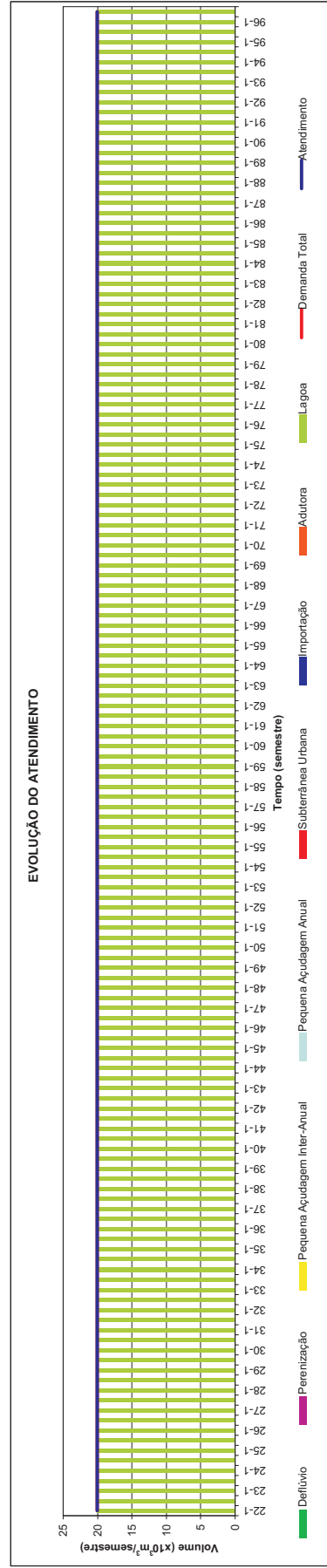
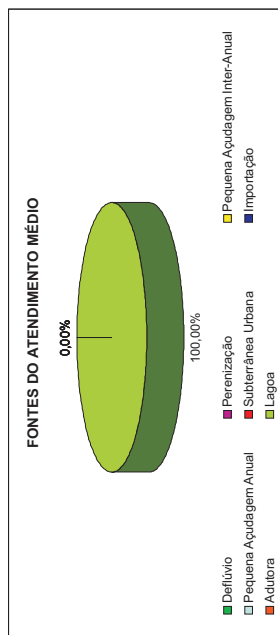
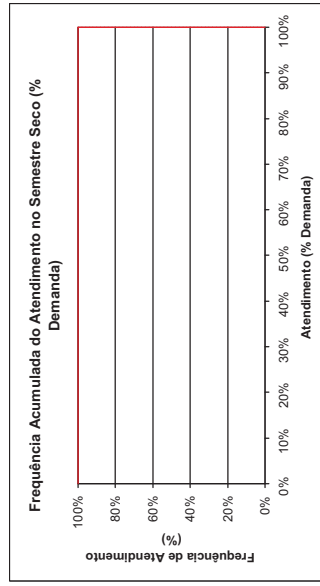
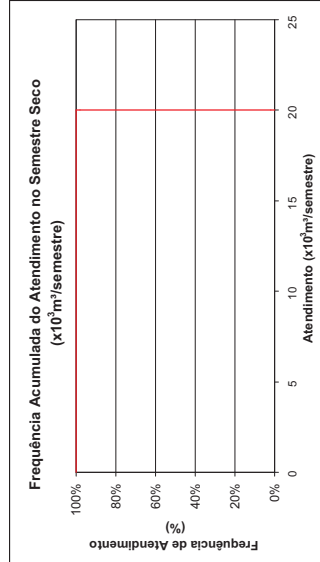
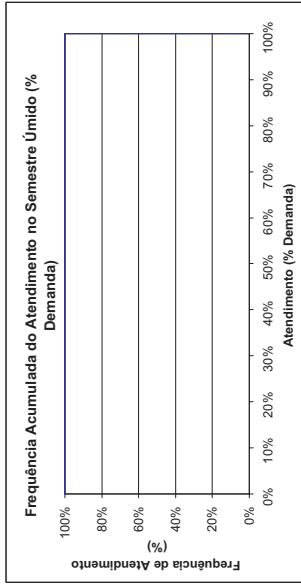
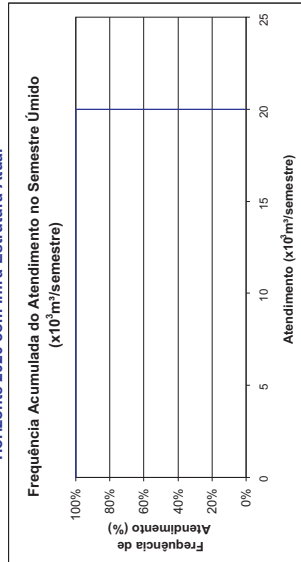
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /semestre	% Demanda	x10 ³ m ³ /semestre	% Demanda
0%	180.648	100%	92.665	51%
10%	173.7062	96%	72.3948	40%
20%	167.701	93%	65.134	36%
30%	167.701	90%	48.0714	27%
40%	160.1286	89%	40.0058	22%
50%	157.35	87%	35.933	20%
60%	152.1438	84%	24.2332	13%
70%	143.8478	80%	18.2832	10%
80%	136.3048	75%	13.287	7%
90%	121.144	67%	9.5536	5%
100%	83.207	46%	6.761	4%
Atend. Médio	157,35	87%	35,933	20%
Atend. Mínimo	83,207	46%	6,761	4%
Demanda	180.648 x10³m³/semestre		100,00%	
Freq. de Falha	84,67%		11,62 l/s	





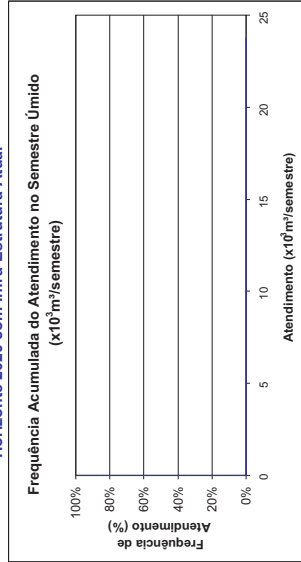
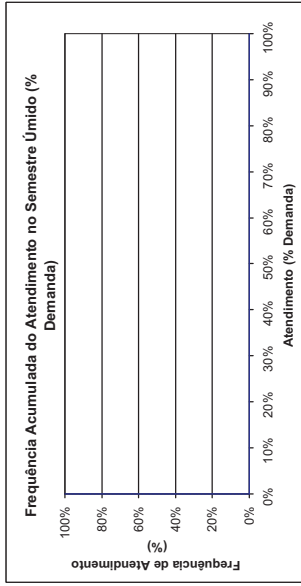
Sucatinga
Demanda Humana Difusa
FED.BEB.03
Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /semestre	% Demanda	x10 ³ m ³ /semestre	% Demanda
0%	20,01	100%	20,01	100%
10%	20,01	100%	20,01	100%
20%	20,01	100%	20,01	100%
30%	20,01	100%	20,01	100%
40%	20,01	100%	20,01	100%
50%	20,01	100%	20,01	100%
60%	20,01	100%	20,01	100%
70%	20,01	100%	20,01	100%
80%	20,01	100%	20,01	100%
90%	20,01	100%	20,01	100%
100%	20,01	100%	20,01	100%
Atend. Médio	20,01	100%	20,01	100%
Atend. Mínimo	20,01	100%	20,01	100%
Freq. de Falha	0,00%		0,00%	
Demanda	20,010 x10³ m³/semestre		1,29 l/s	

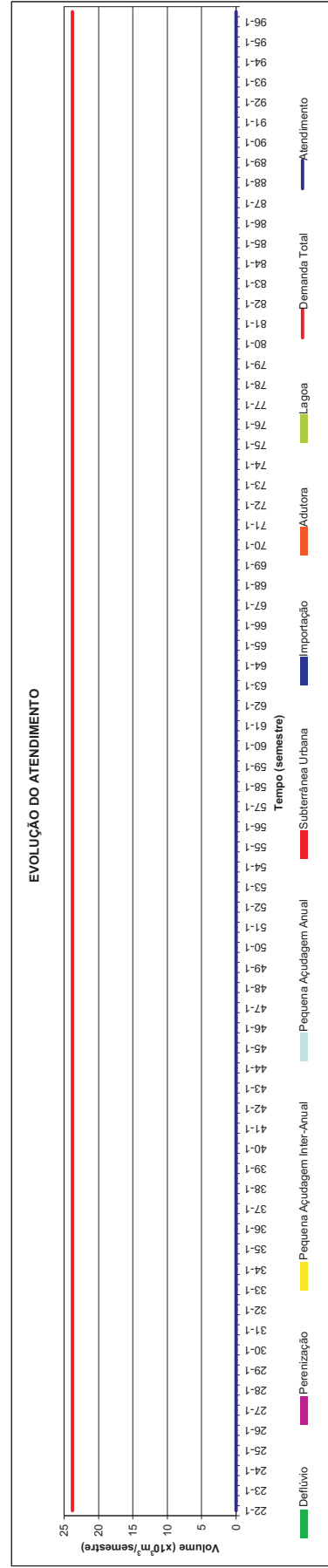
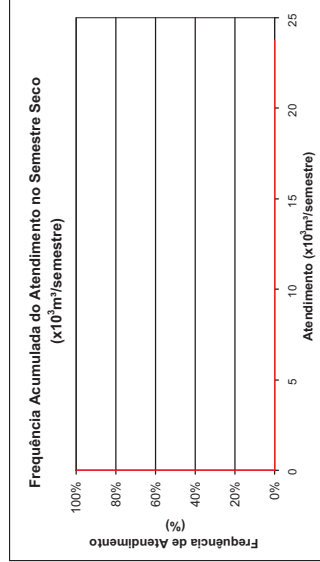
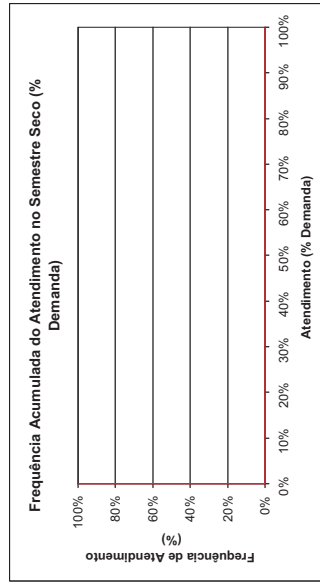




Tanques
Demanda Humana Difusa
MPA.MAN.11
 Horizonte 2020 com Infra-Estrutura Atual



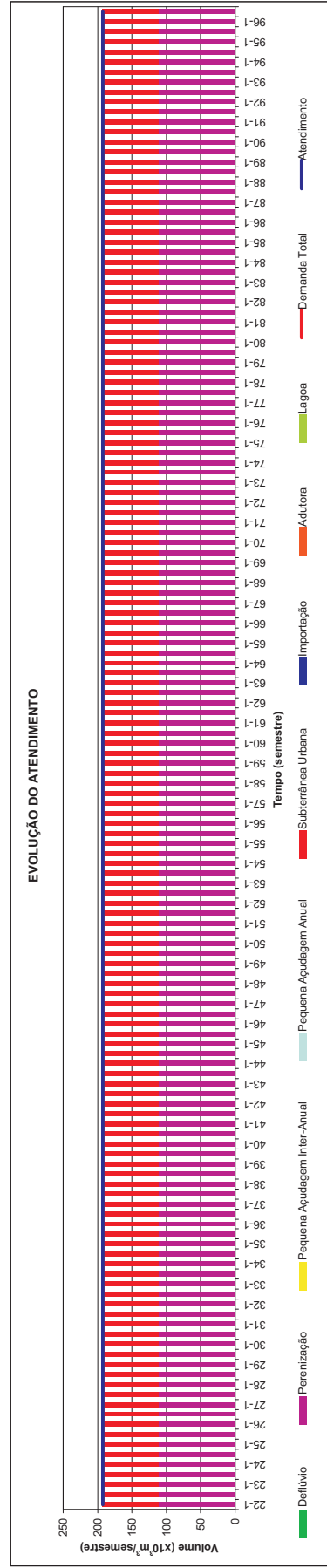
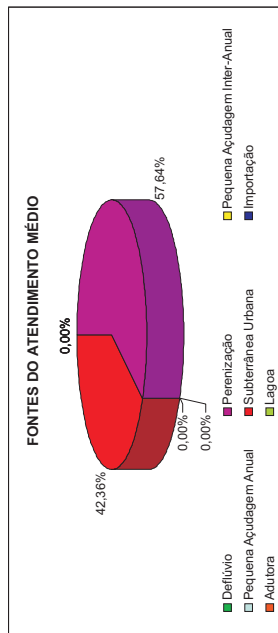
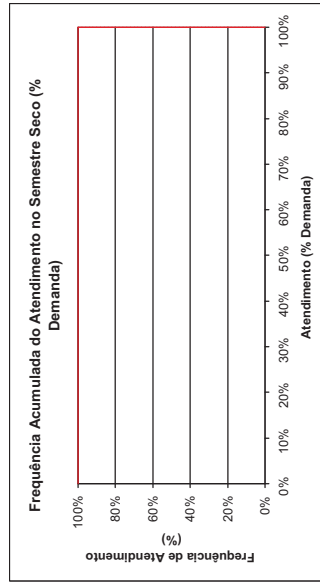
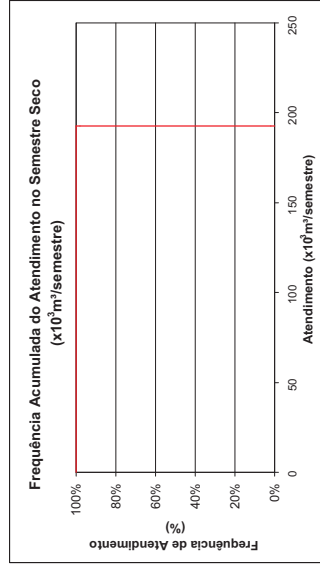
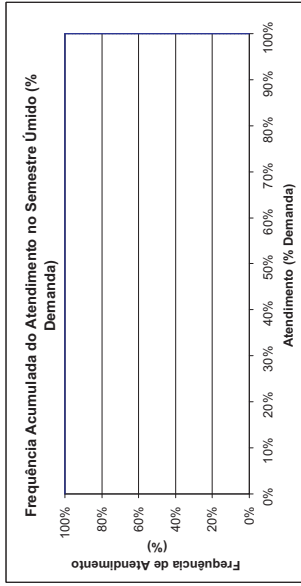
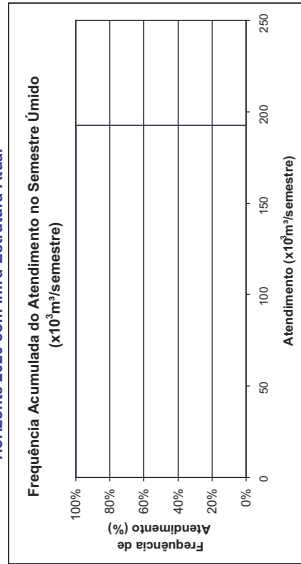
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	0	0%	0	0%
10%	0	0%	0	0%
20%	0	0%	0	0%
30%	0	0%	0	0%
40%	0	0%	0	0%
50%	0	0%	0	0%
60%	0	0%	0	0%
70%	0	0%	0	0%
80%	0	0%	0	0%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Médio	0	0%	0	0%
Atend. Mínimo	0	0%	0	0%
Freq. de Falha	100,00%		100,00%	
Demanda	23.760	x10³ m³/semestre	1.53	l/s





Tapera
Demanda Humana Difusa
MCA.AQU.03
 Horizonte 2020 com Infra-Estrutura Atual

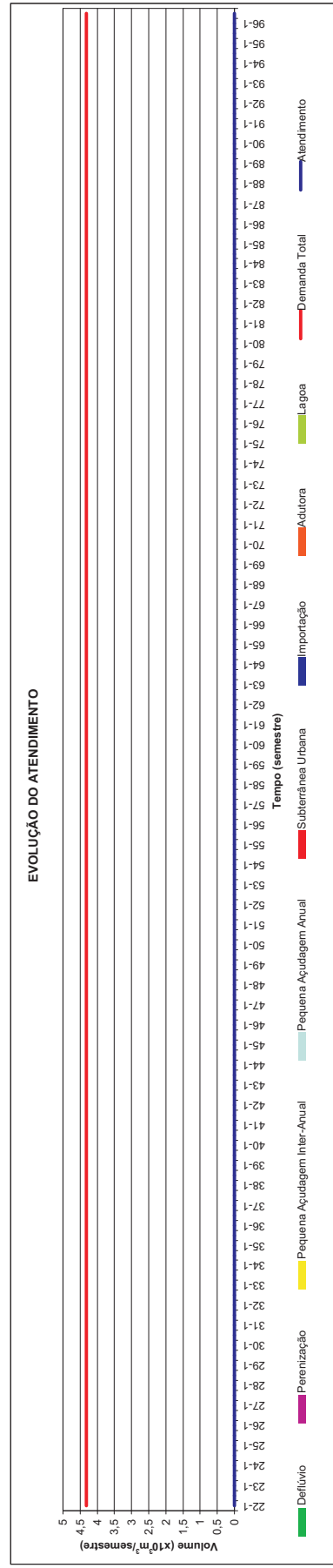
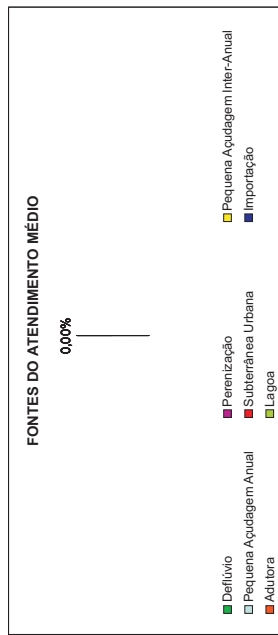
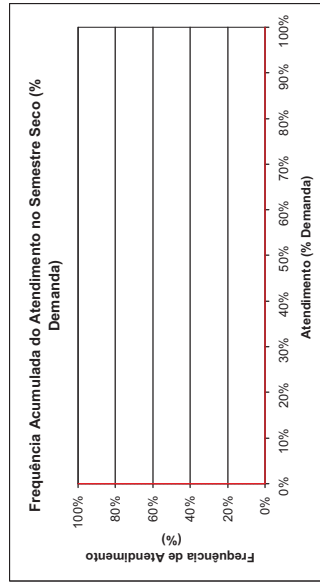
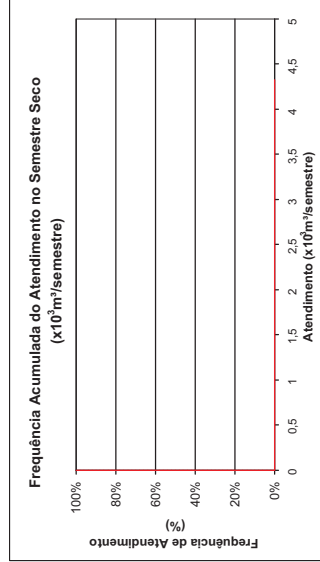
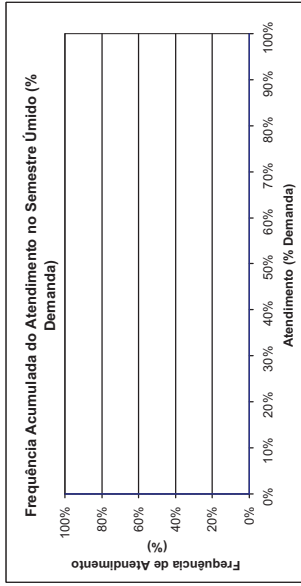
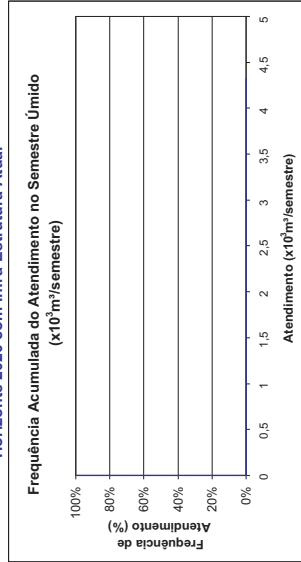
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /semestre	% Demanda	x10 ³ m ³ /semestre	% Demanda
0%	192,648	100%	192,648	100%
10%	192,648	100%	192,648	100%
20%	192,648	100%	192,648	100%
30%	192,648	100%	192,648	100%
40%	192,648	100%	192,648	100%
50%	192,648	100%	192,648	100%
60%	192,648	100%	192,648	100%
70%	192,648	100%	192,648	100%
80%	192,648	100%	192,648	100%
90%	192,648	100%	192,648	100%
100%	192,648	100%	192,648	100%
Atend. Médio	192,648	100%	192,648	100%
Atend. Mínimo	192,648	100%	192,648	100%
Freq. de Falha	0,00%		0,00%	
Demanda	192,648 x10³m³/semestre		12,39 l/s	





Targinos
Demanda Humana Difusa
MCH.CAN.02
 Horizonte 2020 com Infra-Estrutura Atual

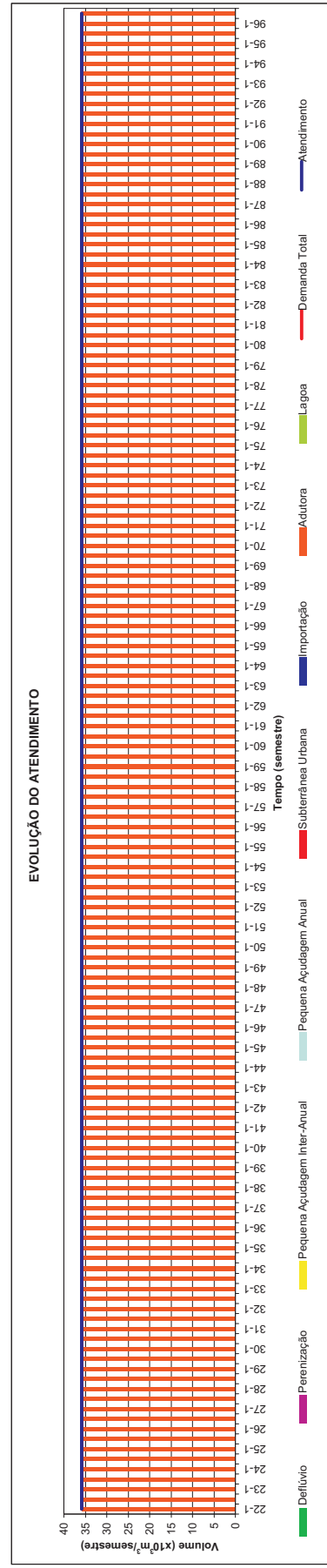
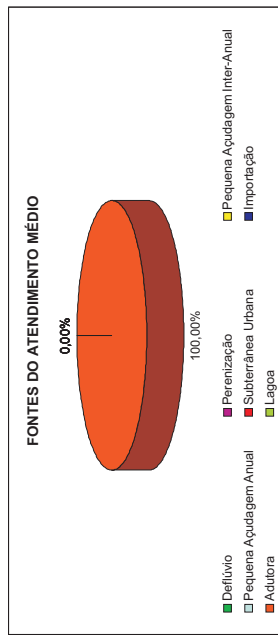
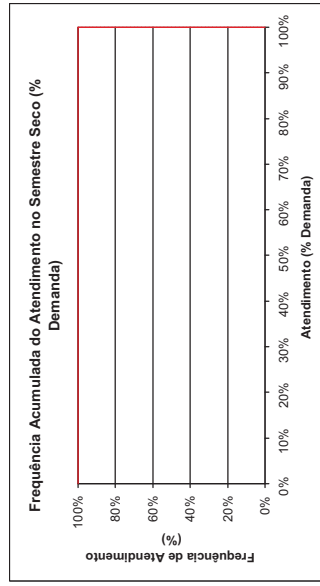
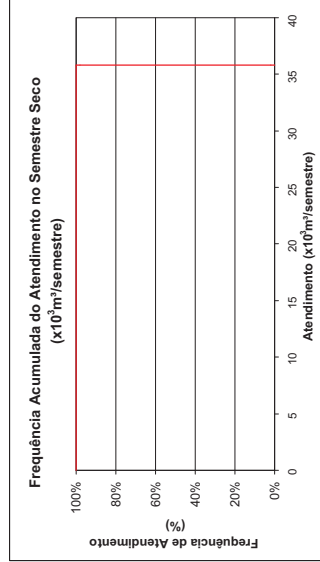
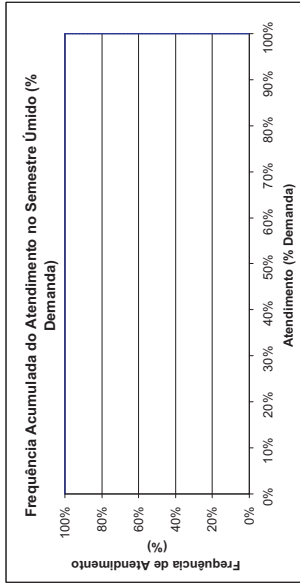
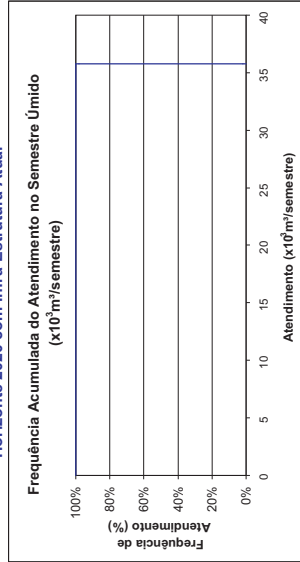
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /semestre	% Demanda	x10 ³ m ³ /semestre	% Demanda
0%	0	0%	0	0%
10%	0	0%	0	0%
20%	0	0%	0	0%
30%	0	0%	0	0%
40%	0	0%	0	0%
50%	0	0%	0	0%
60%	0	0%	0	0%
70%	0	0%	0	0%
80%	0	0%	0	0%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Médio	0	0%	0	0%
Atend. Mínimo	0	0%	0	0%
Freq. de Falha	100,00%		100,00%	
Demanda	4.326 x10³m³/semestre		0.28 l/s	





Timbaúba dos Marinheiros
Demanda Humana Difusa
MPL.CHO.04
 Horizonte 2020 com Infra-Estrutura Atual

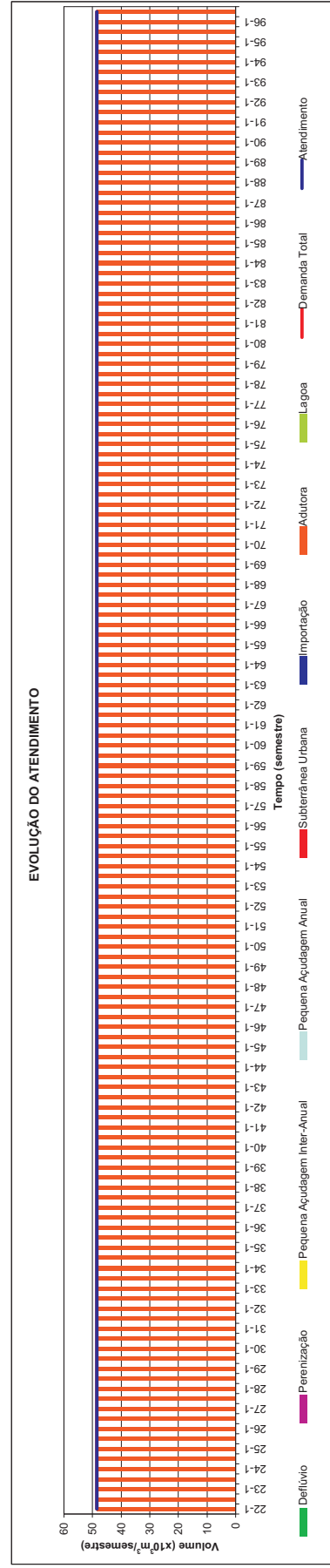
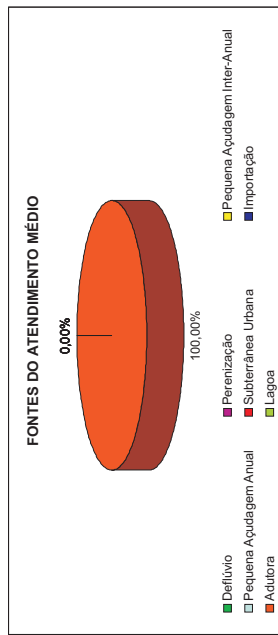
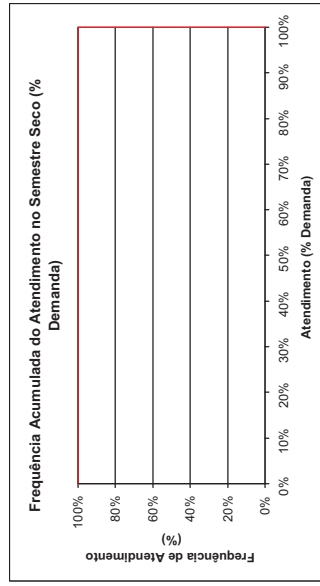
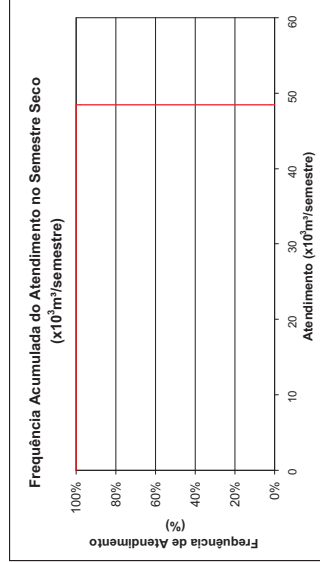
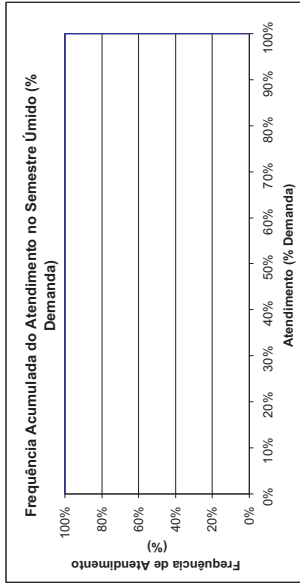
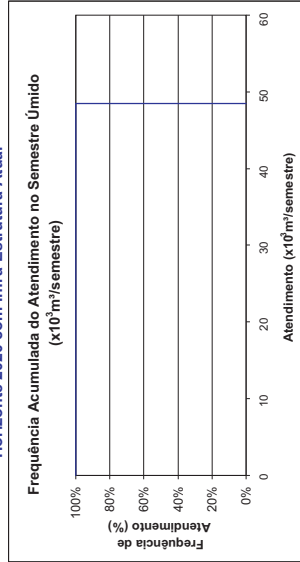
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /semestre	% Demanda	x10 ³ m ³ /semestre	% Demanda
0%	35,79	100%	35,79	100%
10%	35,79	100%	35,79	100%
20%	35,79	100%	35,79	100%
30%	35,79	100%	35,79	100%
40%	35,79	100%	35,79	100%
50%	35,79	100%	35,79	100%
60%	35,79	100%	35,79	100%
70%	35,79	100%	35,79	100%
80%	35,79	100%	35,79	100%
90%	35,79	100%	35,79	100%
100%	35,79	100%	35,79	100%
Atend. Médio	35,79	100%	35,79	100%
Atend. Mínimo	35,79	100%	35,79	100%
Freq. de Falha	0,00%		0,00%	
Demanda	35.790 x10³ m³/semestre		2.30 l/s	





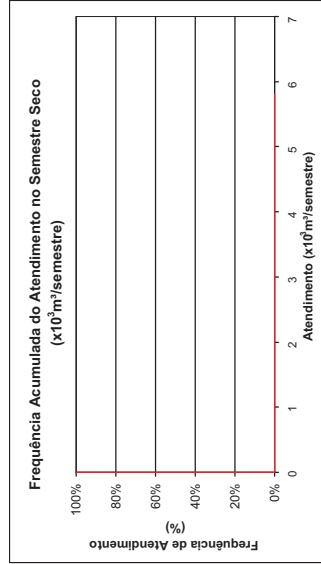
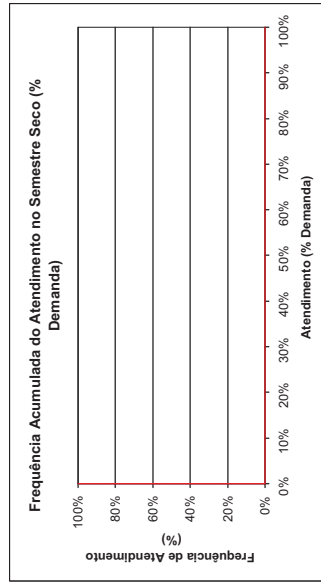
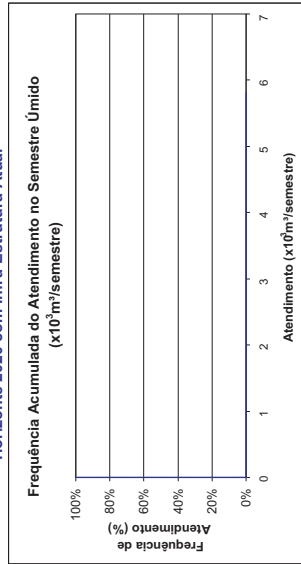
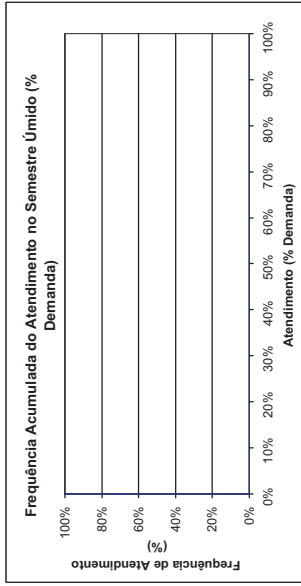
Triângulo
Demanda Humana Difusa
MPL.CHO.03
 Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /semestre	% Demanda	x10 ³ m ³ /semestre	% Demanda
0%	48.462	100%	48.462	100%
10%	48.462	100%	48.462	100%
20%	48.462	100%	48.462	100%
30%	48.462	100%	48.462	100%
40%	48.462	100%	48.462	100%
50%	48.462	100%	48.462	100%
60%	48.462	100%	48.462	100%
70%	48.462	100%	48.462	100%
80%	48.462	100%	48.462	100%
90%	48.462	100%	48.462	100%
100%	48.462	100%	48.462	100%
Atend. Médio	48.462	100%	48.462	100%
Atend. Mínimo	48.462	100%	48.462	100%
Freq. de Falha	0,00%		0,00%	
Demanda	48.462 x10³ m³/semestre		3.12 l/s	

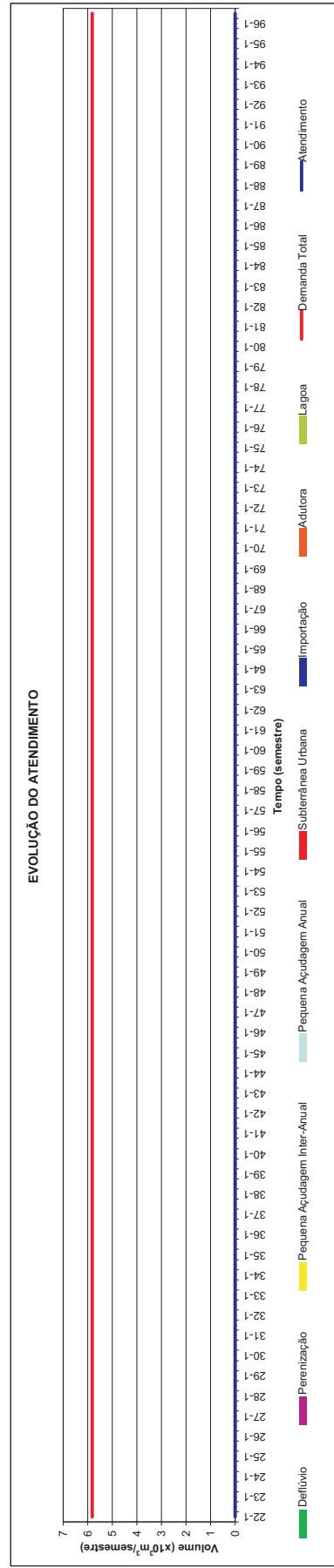
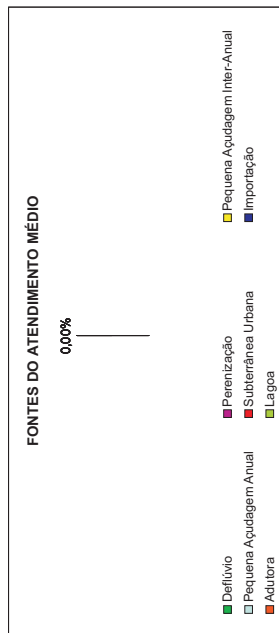




Tucunduba
Demanda Humana Difusa
MCE.CAC.06
 Horizonte 2020 com Infra-Estrutura Atual



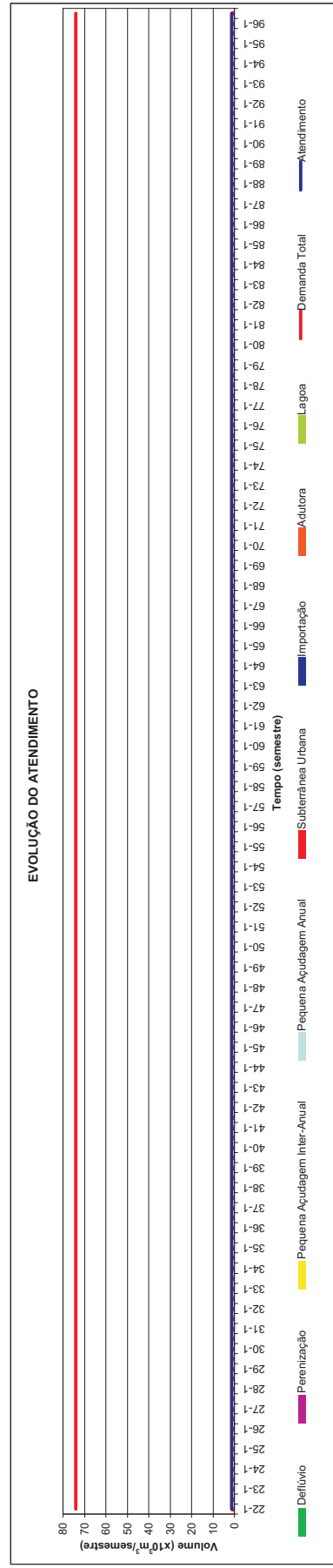
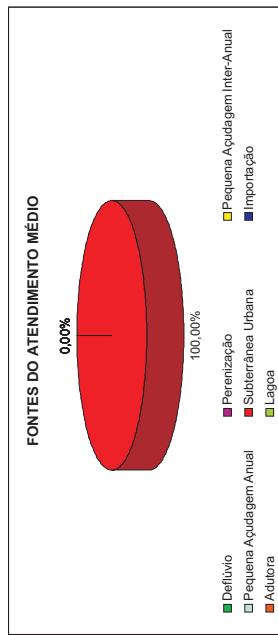
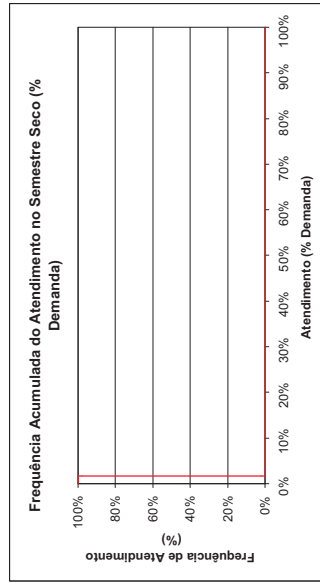
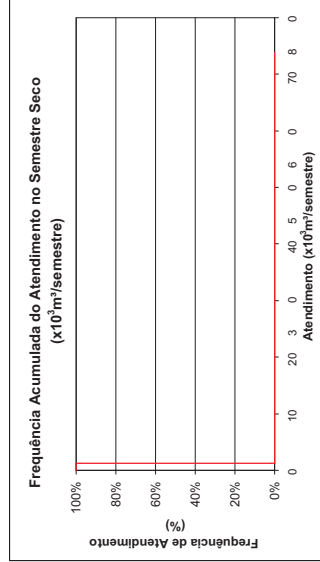
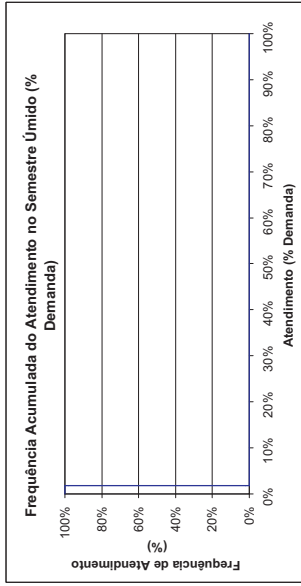
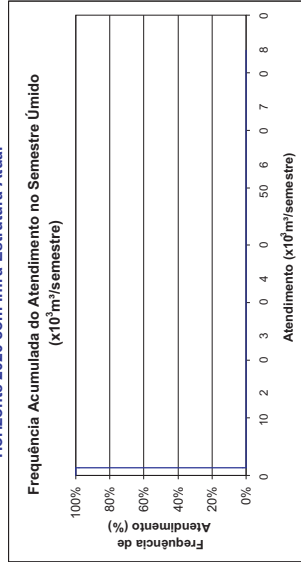
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10³m³/Semestre	% Demanda	x10³m³/Semestre	% Demanda
0%	0	0%	0	0%
10%	0	0%	0	0%
20%	0	0%	0	0%
30%	0	0%	0	0%
40%	0	0%	0	0%
50%	0	0%	0	0%
60%	0	0%	0	0%
70%	0	0%	0	0%
80%	0	0%	0	0%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Médio	0	0%	0	0%
Atend. Mínimo	0	0%	0	0%
Demanda	100,00%		100,00%	
Freq. de Falha	5,814 x10³m³/semestre		0,37 l/s	





Umarituba
Demanda Humana Difusa
MSG.SGA.07
 Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /semestre	% Demanda	x10 ³ m ³ /semestre	% Demanda
0%	1,296	2%	1,296	2%
10%	1,296	2%	1,296	2%
20%	1,296	2%	1,296	2%
30%	1,296	2%	1,296	2%
40%	1,296	2%	1,296	2%
50%	1,296	2%	1,296	2%
60%	1,296	2%	1,296	2%
70%	1,296	2%	1,296	2%
80%	1,296	2%	1,296	2%
90%	1,296	2%	1,296	2%
100%	1,296	2%	1,296	2%
Atend. Médio	1,296	2%	1,296	2%
Atend. Mínimo	1,296	2%	1,296	2%
Demanda	100,00%	73.926 x10³ m³/semestre	100,00%	4.75 l/s

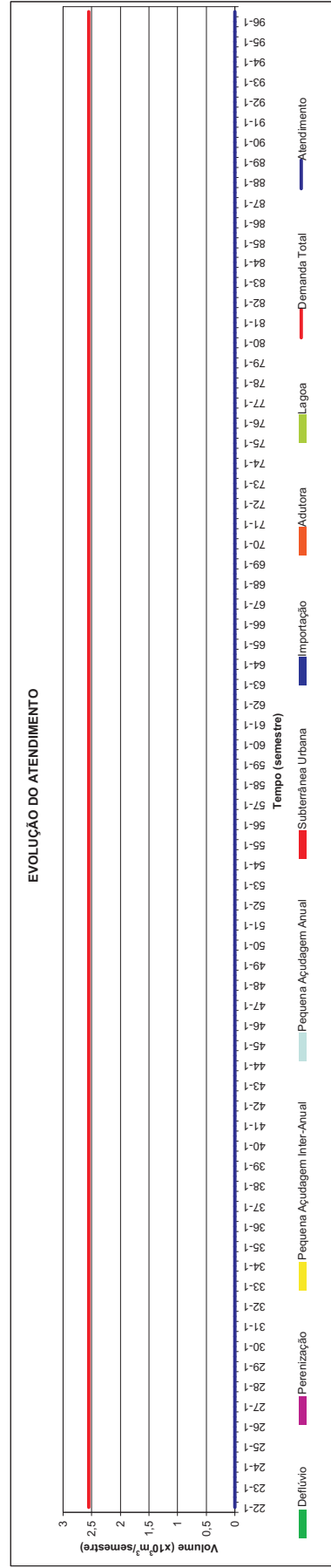
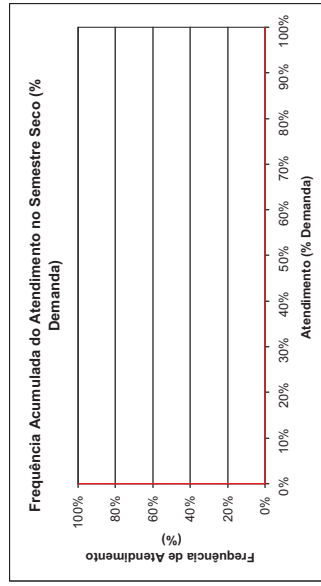
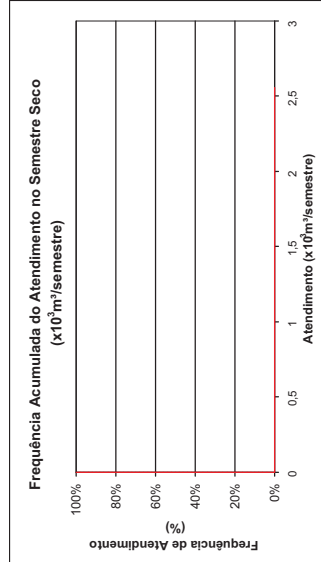
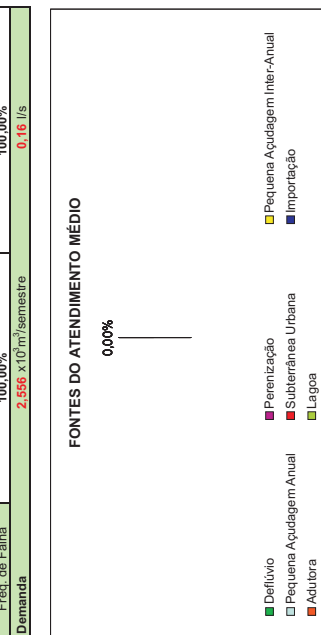
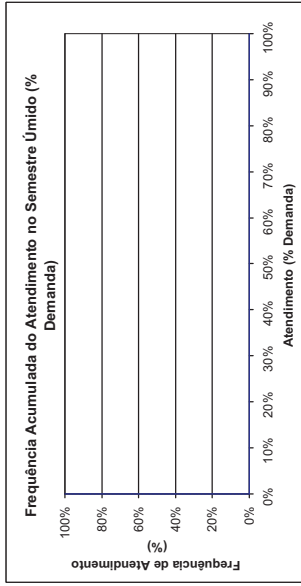
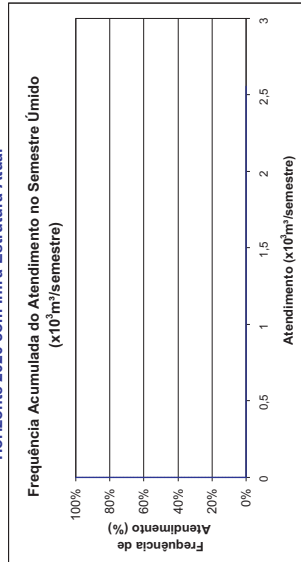




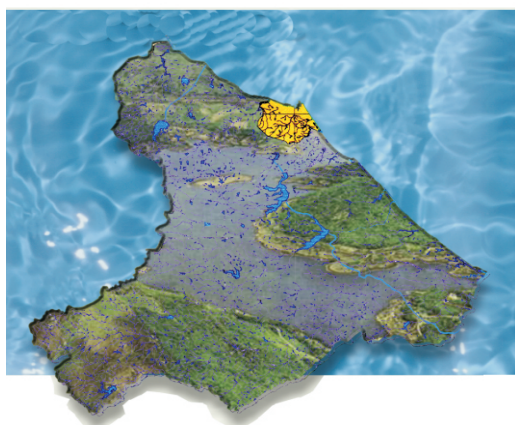
Vertentes do Lajedo
Demanda Humana Difusa
MSG.MAN.05

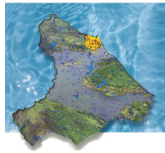
Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /semestre	% Demanda	x10 ³ m ³ /semestre	% Demanda
0%	0	0%	0	0%
10%	0	0%	0	0%
20%	0	0%	0	0%
30%	0	0%	0	0%
40%	0	0%	0	0%
50%	0	0%	0	0%
60%	0	0%	0	0%
70%	0	0%	0	0%
80%	0	0%	0	0%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Médio	0	0%	0	0%
Atend. Mínimo	0	0%	0	0%
Freq. de Falha	100,00%		100,00%	
Demanda	2.556 x10³m³/semestre		0,16 l/s	



PLANO DE GERENCIAMENTO DAS ÁGUAS DAS BACIAS METROPOLITANAS

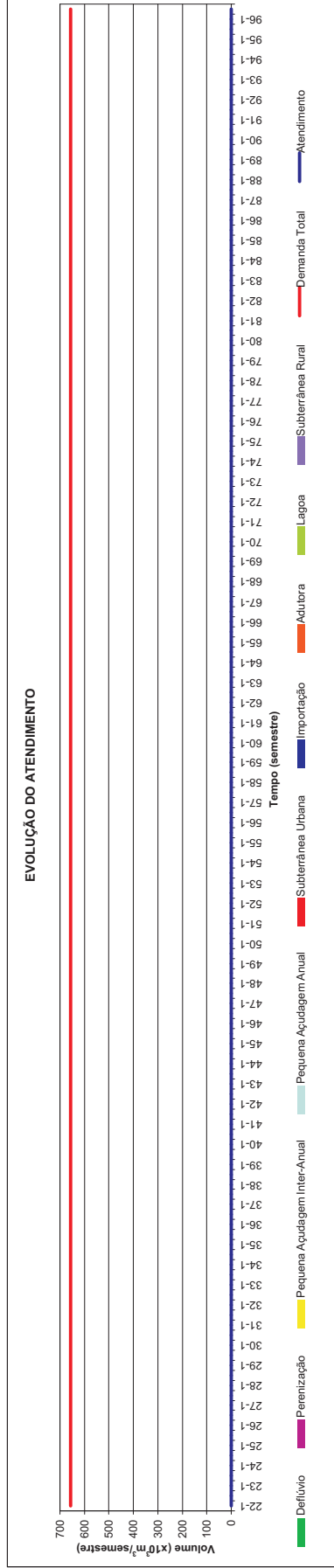
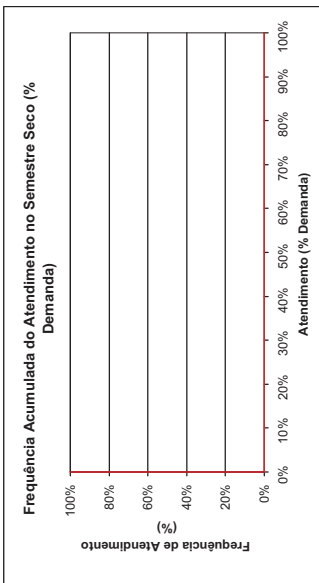
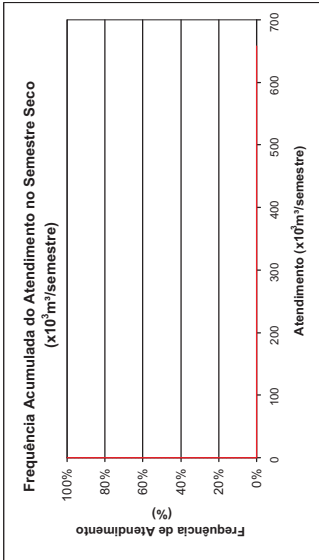
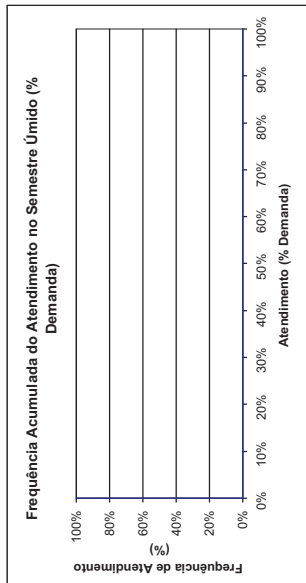
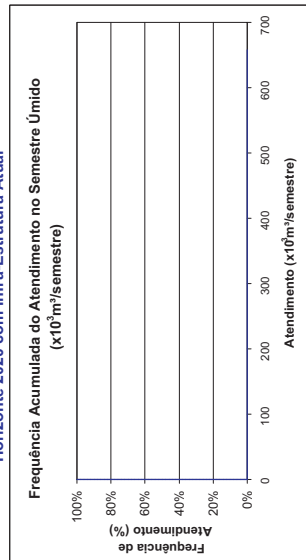
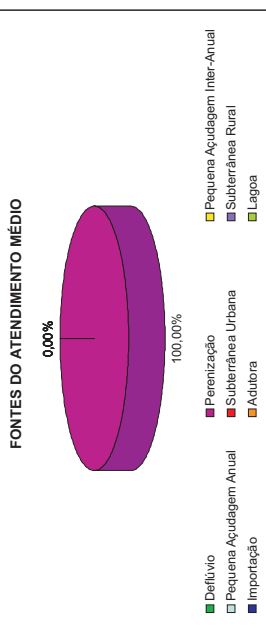




Ind. Aquiraz I Demanda Industrial MPA.AQU.01

Horizonte 2020 com Infra-Estrutura Atual

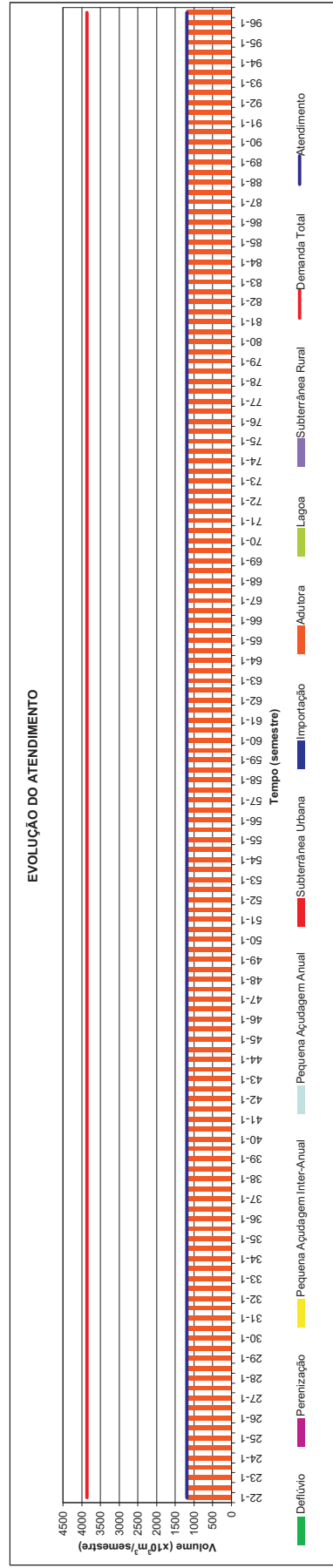
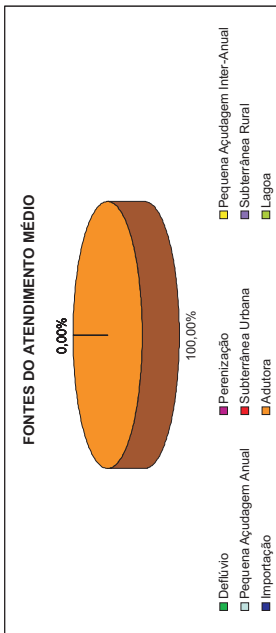
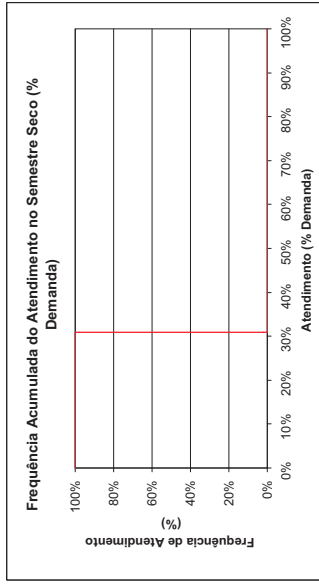
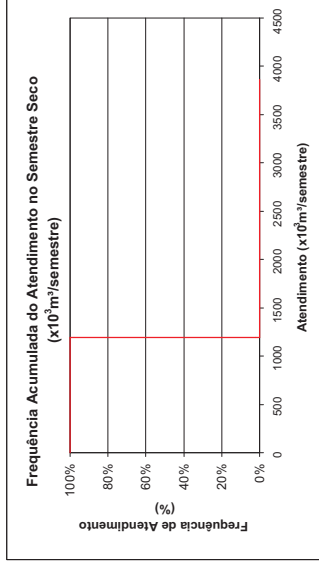
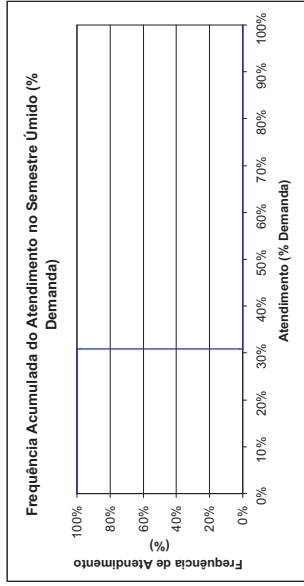
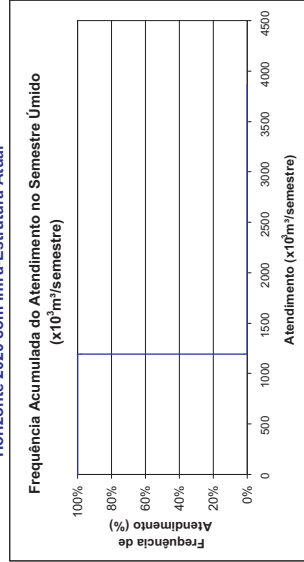
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	0	0%	0	0%
10%	0	0%	0	0%
20%	0	0%	0	0%
30%	0	0%	0	0%
40%	0	0%	0	0%
50%	0	0%	0	0%
60%	0	0%	0	0%
70%	0	0%	0	0%
80%	0	0%	0	0%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Mínimo	0	0%	0	0%
Freq. de Falha	0	0%	0	0%
100,00%		100,00%		100,00%
657.606 x10 ³ m ³ /semestre		42.28 l/s		





Aquiraz
Demanda Industrial
MPA.AQU.02
 Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	1194,132	31%	1194,132	31%
10%	1194,132	31%	1194,132	31%
20%	1194,132	31%	1194,132	31%
30%	1194,132	31%	1194,132	31%
40%	1194,132	31%	1194,132	31%
50%	1194,132	31%	1194,132	31%
60%	1194,132	31%	1194,132	31%
70%	1194,132	31%	1194,132	31%
80%	1194,132	31%	1194,132	31%
90%	1194,132	31%	1194,132	31%
100%	1194,132	31%	1194,132	31%
Atend. Médio	1194,132	31%	1194,132	31%
Atend. Mínimo	1194,132	31%	1194,132	31%
Freq. de Falha	100,00%		100,00%	
	3.863.692 x10 ³ m ³ /semestre		245,44 l/s	

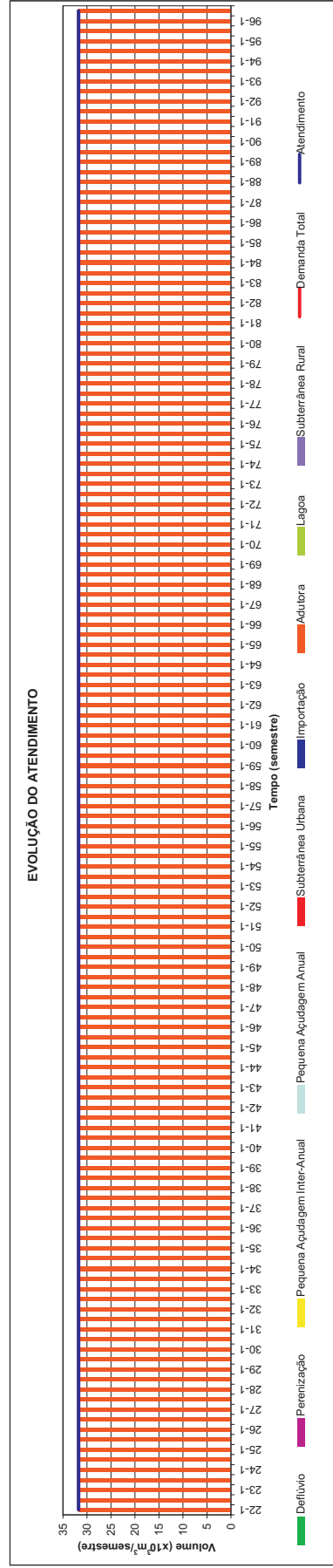
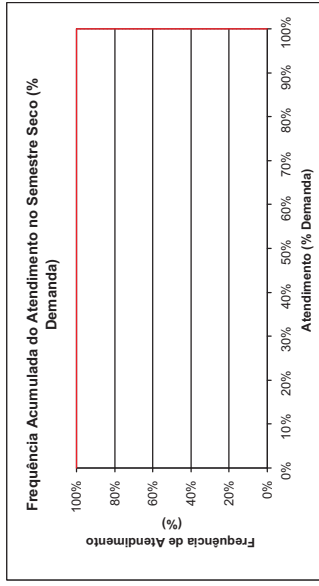
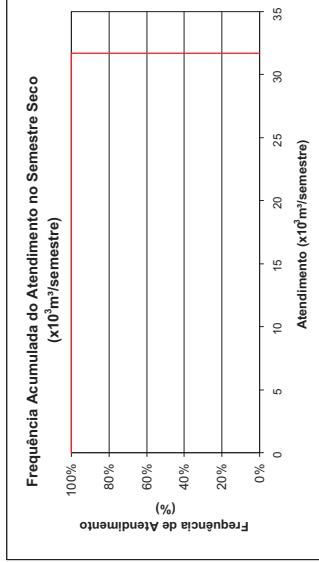
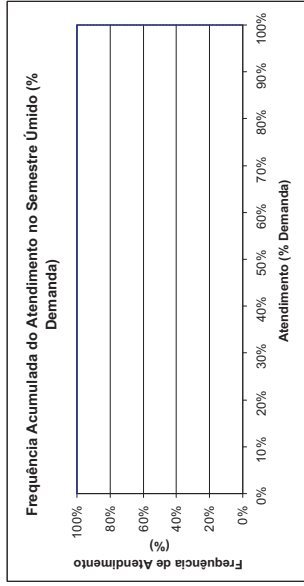
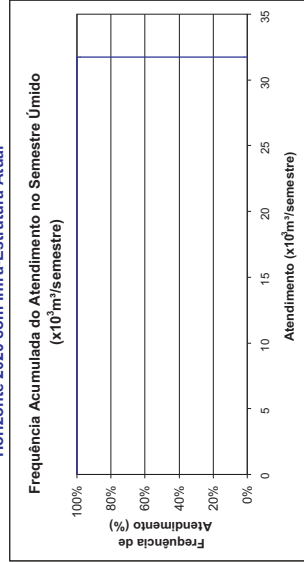
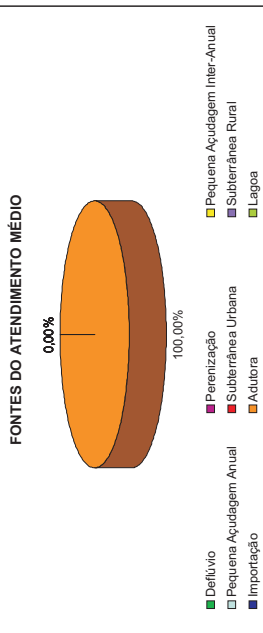




Aracoiaba Demanda Industrial MCH.ARC.02

Horizonte 2020 com Infra-Estrutura Atual

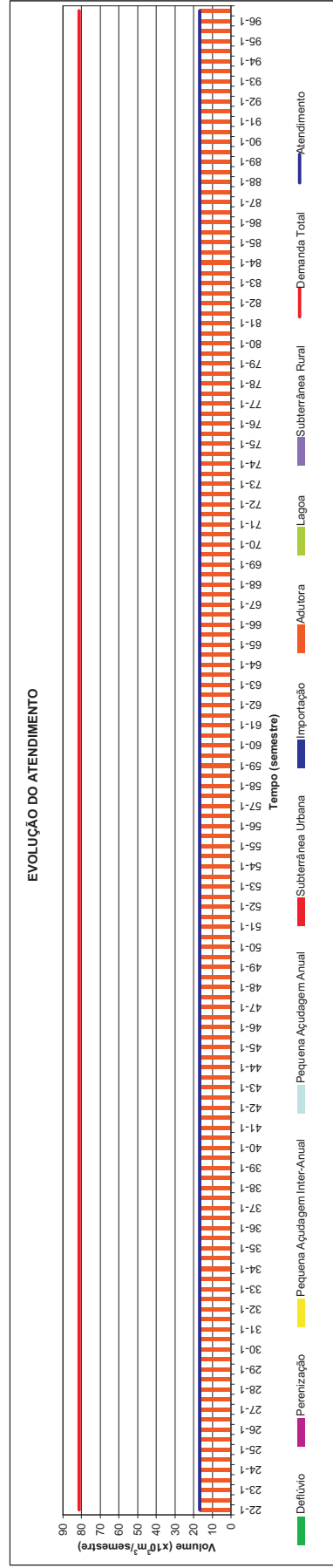
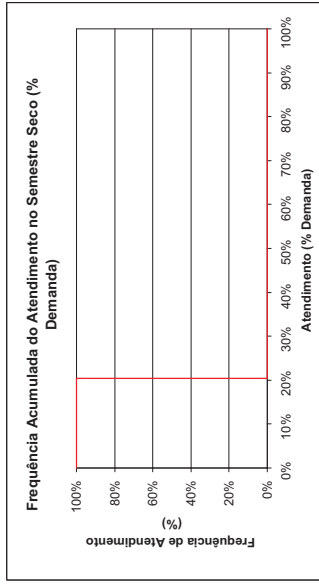
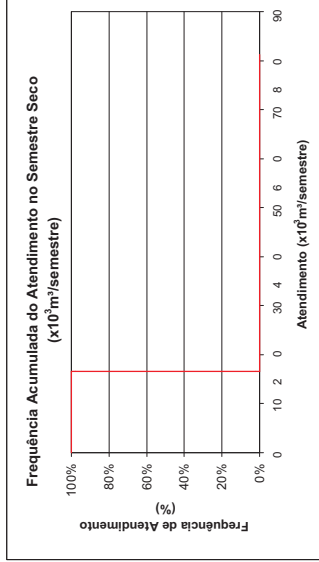
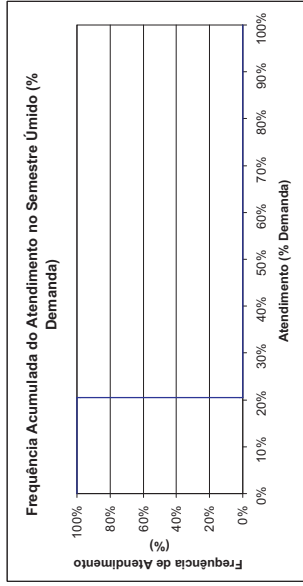
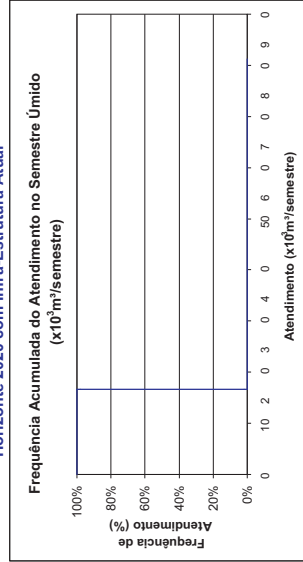
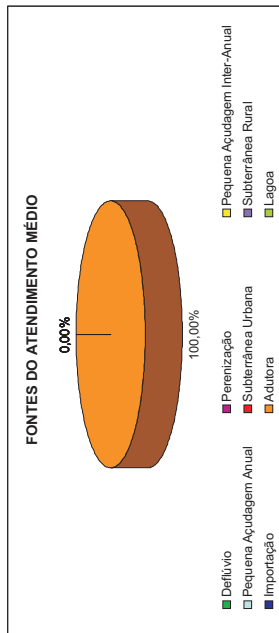
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	31,716	100%	31,716	100%
10%	31,716	100%	31,716	100%
20%	31,716	100%	31,716	100%
30%	31,716	100%	31,716	100%
40%	31,716	100%	31,716	100%
50%	31,716	100%	31,716	100%
60%	31,716	100%	31,716	100%
70%	31,716	100%	31,716	100%
80%	31,716	100%	31,716	100%
90%	31,716	100%	31,716	100%
100%	31,716	100%	31,716	100%
Atend. Médio	31,716	100%	31,716	100%
Freq. de Falha	0,00%		0,00%	
	31,716 x10 ³ m ³ /semestre		2,04 l/s	

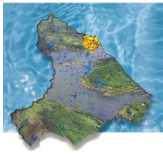




Ind. Caucaia I
Demanda Industrial
MJU.CAC.01
 Horizonte 2020 com Infra-Estrutura Atual

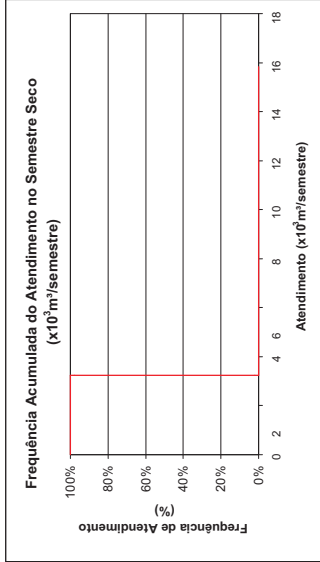
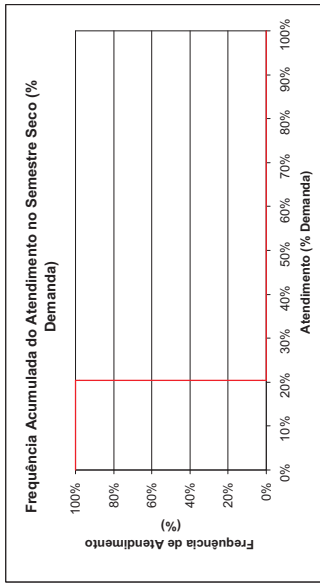
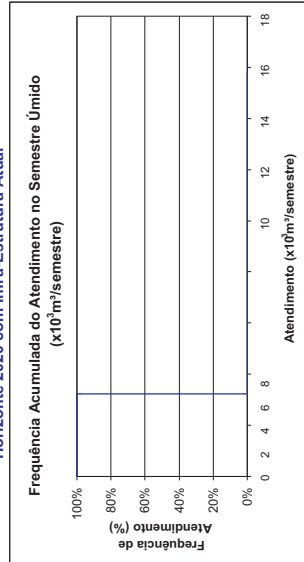
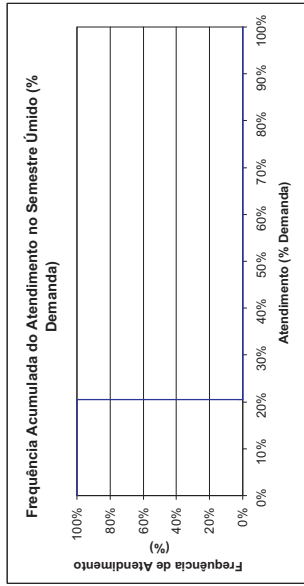
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	16.632	20%	16.632	20%
10%	16.632	20%	16.632	20%
20%	16.632	20%	16.632	20%
30%	16.632	20%	16.632	20%
40%	16.632	20%	16.632	20%
50%	16.632	20%	16.632	20%
60%	16.632	20%	16.632	20%
70%	16.632	20%	16.632	20%
80%	16.632	20%	16.632	20%
90%	16.632	20%	16.632	20%
100%	16.632	20%	16.632	20%
Atend. Médio	16.632	20%	16.632	20%
Freq. de Falha	100,00%	20%	100,00%	20%
Total		81,288 x10 ³ m ³ /semestre	5,23 l/s	



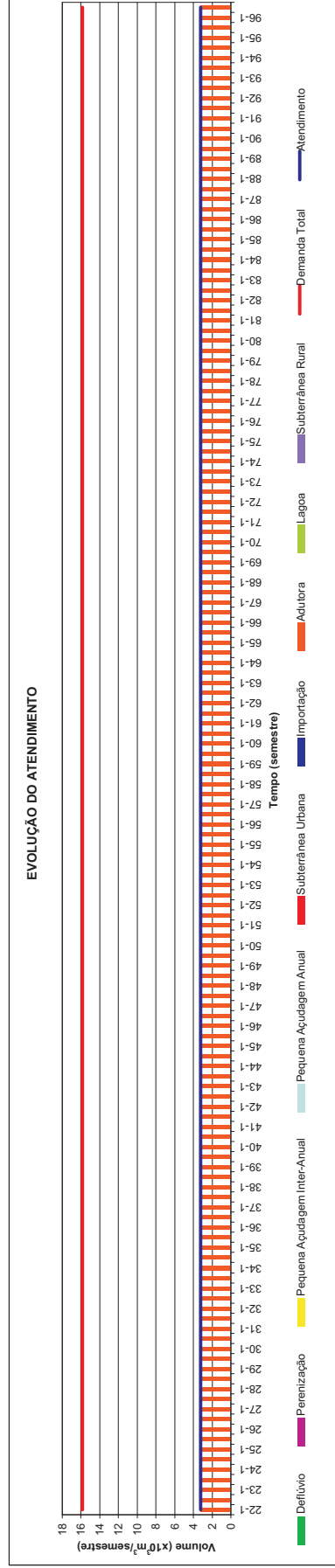
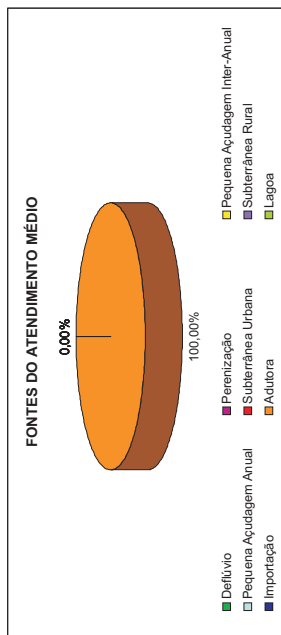


Ind. Caucaia II Demanda Industrial MCE.CAC.15

Horizonte 2020 com Infra-Estrutura Atual



FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ⁷ m ³ /Semestre	% Demanda	x10 ⁷ m ³ /Semestre	% Demanda
0%	3,24	20%	3,24	20%
10%	3,24	20%	3,24	20%
20%	3,24	20%	3,24	20%
30%	3,24	20%	3,24	20%
40%	3,24	20%	3,24	20%
50%	3,24	20%	3,24	20%
60%	3,24	20%	3,24	20%
70%	3,24	20%	3,24	20%
80%	3,24	20%	3,24	20%
90%	3,24	20%	3,24	20%
100%	3,24	20%	3,24	20%
Atend. Médio	3,24	20%	3,24	20%
Freq. de Falha	100,00%	20%	100,00%	20%
		15,822 x10 ⁷ m ³ /semestre	1,02 l/s	

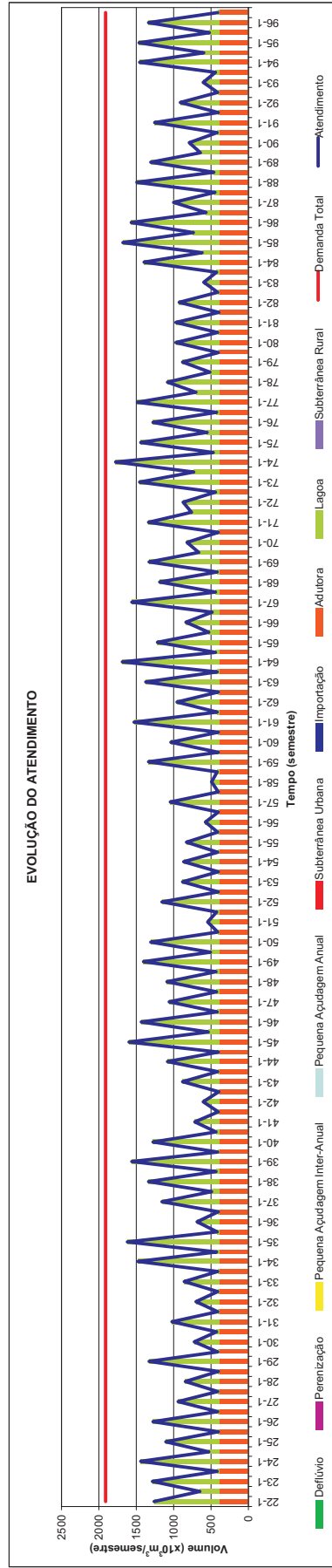
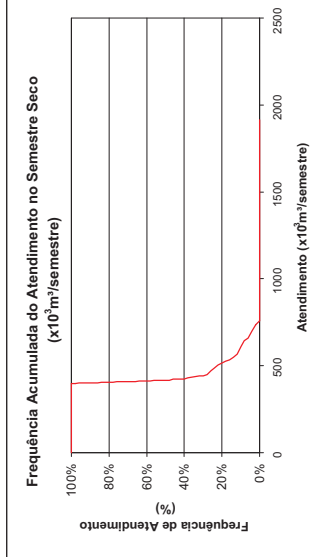
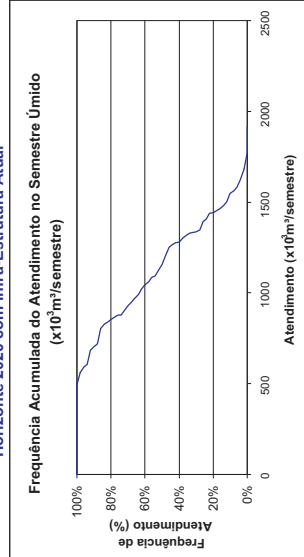
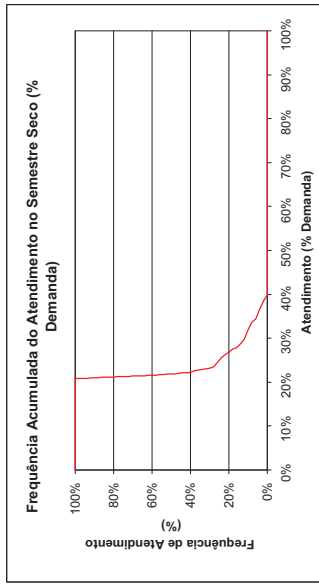
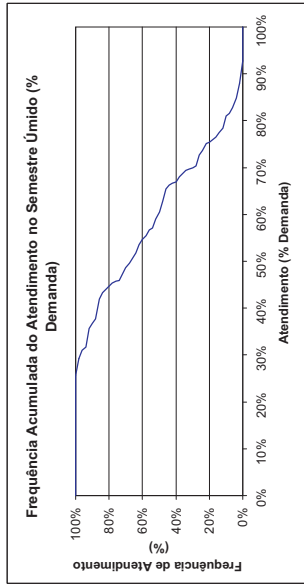
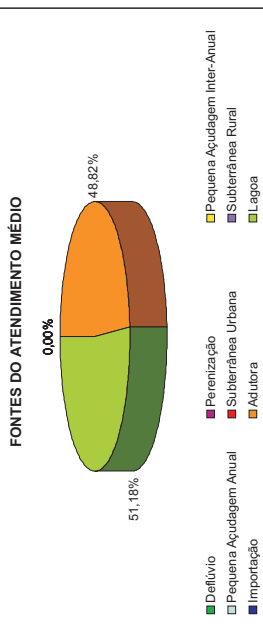




Ind. Caucaia III Demanda Industrial MCE.CAC.18

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	1774,483	83%	760,217	40%
10%	1548,6978	81%	609,9676	32%
20%	1441,9704	75%	514,2488	27%
30%	1453,86	70%	442,9528	23%
40%	1280,052	67%	424,6688	22%
50%	1157,716	61%	417,448	22%
60%	1044,3972	55%	412,55	22%
70%	930,1668	49%	408,7792	21%
80%	854,279	45%	404,8554	21%
90%	703,8656	37%	402,2626	21%
100%	491,937	26%	397,821	21%
Atend. Médio	1157,716	61%	417,448	22%
Atend. Mínimo	491,937	26%	397,821	21%
Freq. de Falha	100,00%	26%	100,00%	21%
	1,913,076 x10 ³ m ³ /semestre		123,01 l/s	





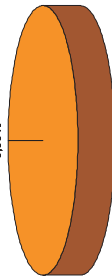
Caucaia Demanda Industrial MCE.CAC.19

Horizonte 2020 com Infra-Estrutura Atual

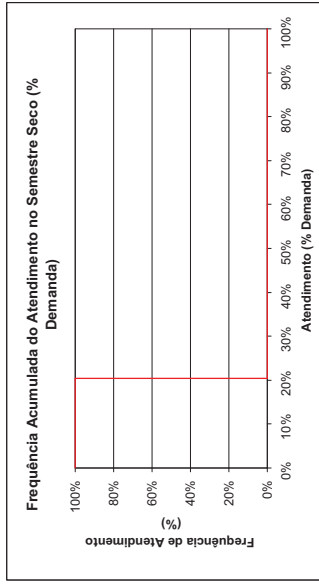
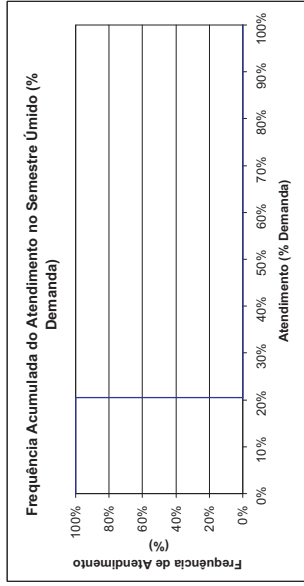
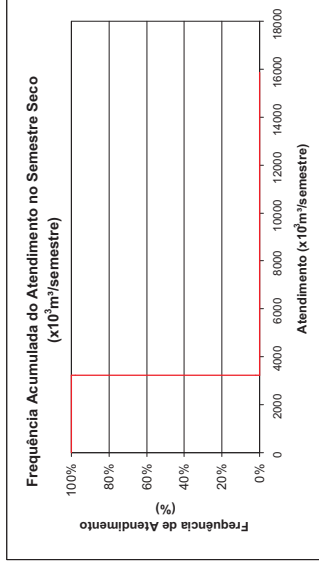
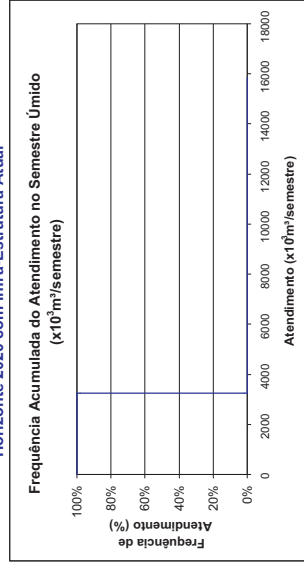
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	3244,284	20%	3244,284	20%
10%	3244,284	20%	3244,284	20%
20%	3244,284	20%	3244,284	20%
30%	3244,284	20%	3244,284	20%
40%	3244,284	20%	3244,284	20%
50%	3244,284	20%	3244,284	20%
60%	3244,284	20%	3244,284	20%
70%	3244,284	20%	3244,284	20%
80%	3244,284	20%	3244,284	20%
90%	3244,284	20%	3244,284	20%
100%	3244,284	20%	3244,284	20%
Atend. Mínimo	3244,284	20%	3244,284	20%
Freq. de Falha	100,00%	20%	100,00%	20%
	15.856.338 x10 ³ m ³ /semestre		1919,57 l/s	

FONTES DO ATENDIMENTO MÉDIO

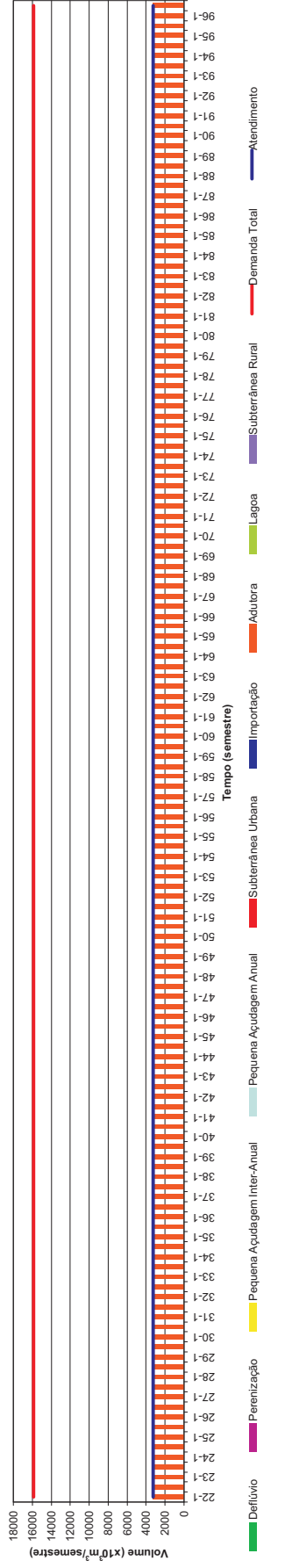
0,00%



- Deflúvio
- Pequena Aqüedagem Anual
- Importação
- Perenização
- Pequena Aqüedagem Inter-Anual
- Subterrânea Urbana
- Adutora
- Pequena Aqüedagem Inter-Anual
- Subterrânea Rural
- Laguna
- Pequena Aqüedagem Inter-Anual
- Subterrânea Urbana
- Adutora
- Pequena Aqüedagem Inter-Anual
- Subterrânea Rural
- Laguna



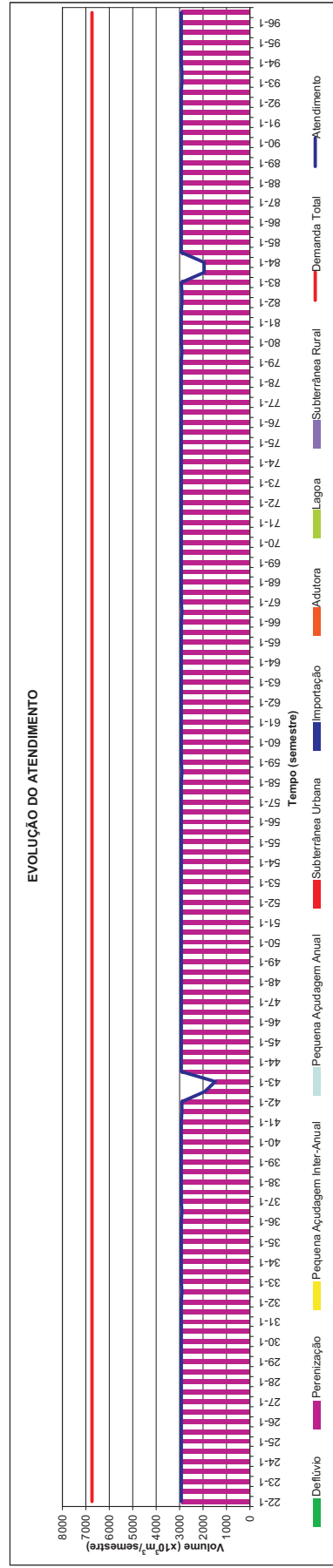
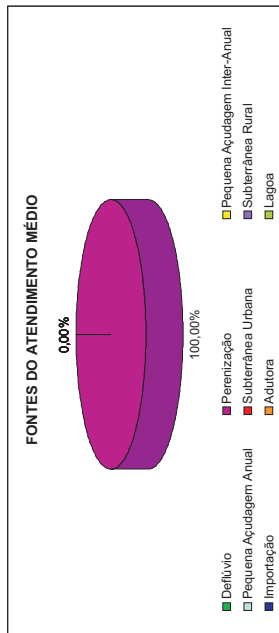
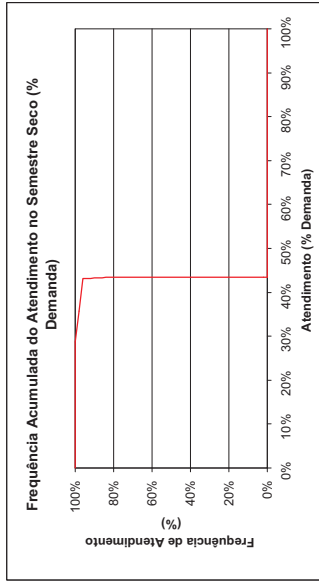
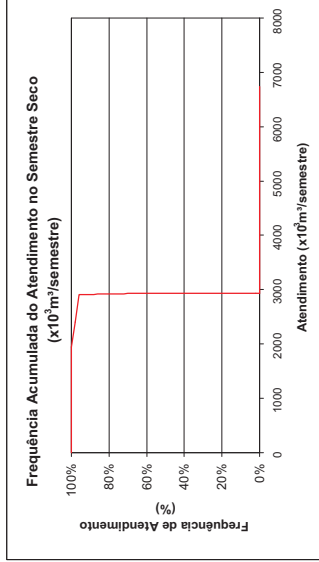
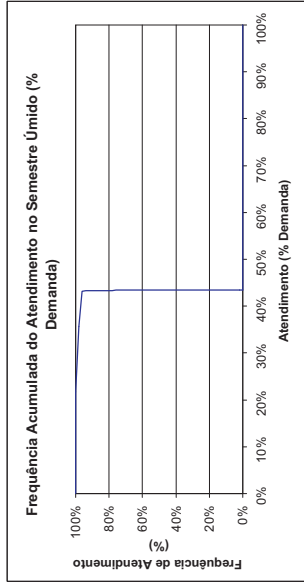
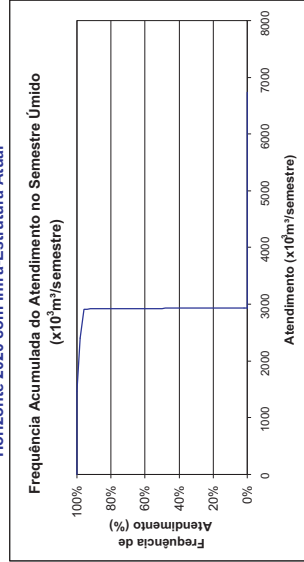
EVOLUÇÃO DO ATENDIMENTO





Cascavel
Demanda Industrial
MMZ.CAV07
 Horizonte 2020 com Infra-Estrutura Atual

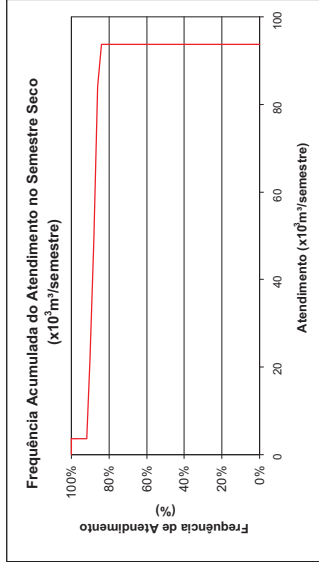
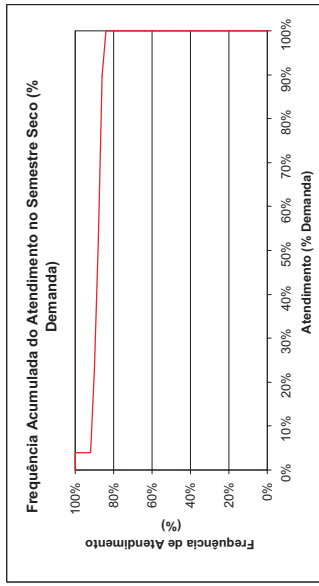
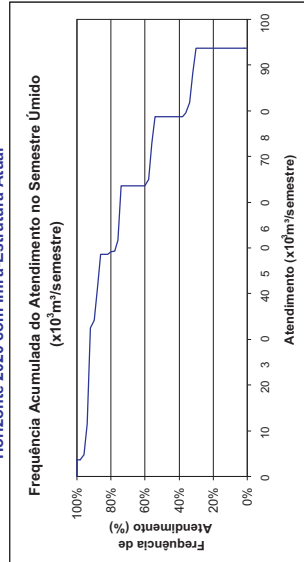
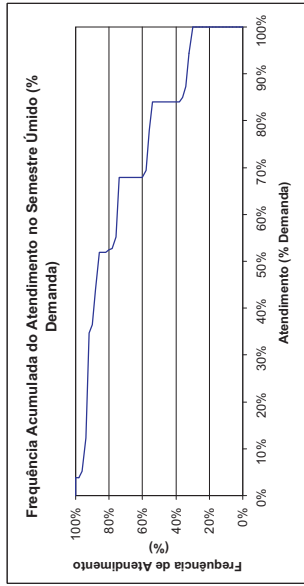
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	2930,291	43%	2930,291	43%
10%	2930,291	43%	2930,291	43%
20%	2930,291	43%	2930,291	43%
30%	2930,291	43%	2930,291	43%
40%	2929,9212	43%	2930,291	43%
50%	2927,725	43%	2930,291	43%
60%	2926,867	43%	2930,291	43%
70%	2924,0866	43%	2927,9816	43%
80%	2919,567	43%	2923,3894	43%
90%	2918,7972	43%	2912,4072	43%
100%	1485,146	22%	1939,379	29%
Atend. Médio	2927,725	43%	2930,291	43%
Atend. Mínimo	1485,146	22%	1939,379	29%
Freq. de Falha	100,00%		100,00%	
	6.738,000 x10 ³ m ³ /semestre		433,26 l/s	



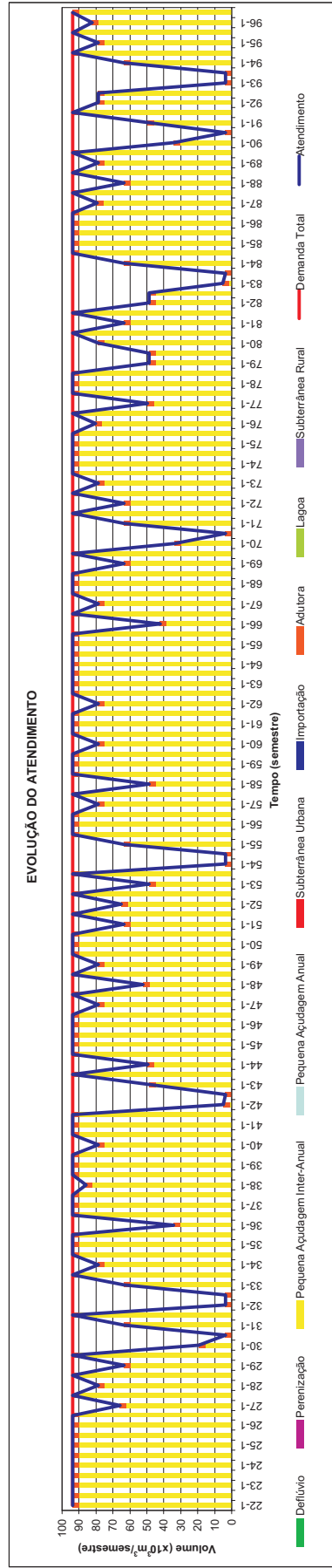
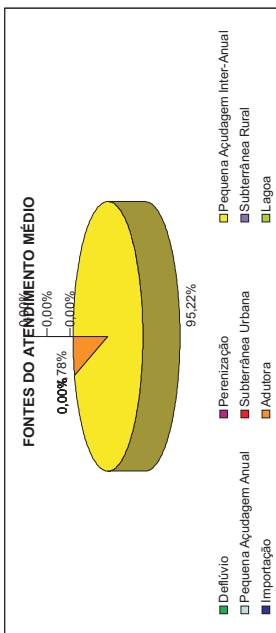


Chorozinho Demanda Industrial MCH CHO.05

Horizonte 2020 com Infra-Estrutura Atual



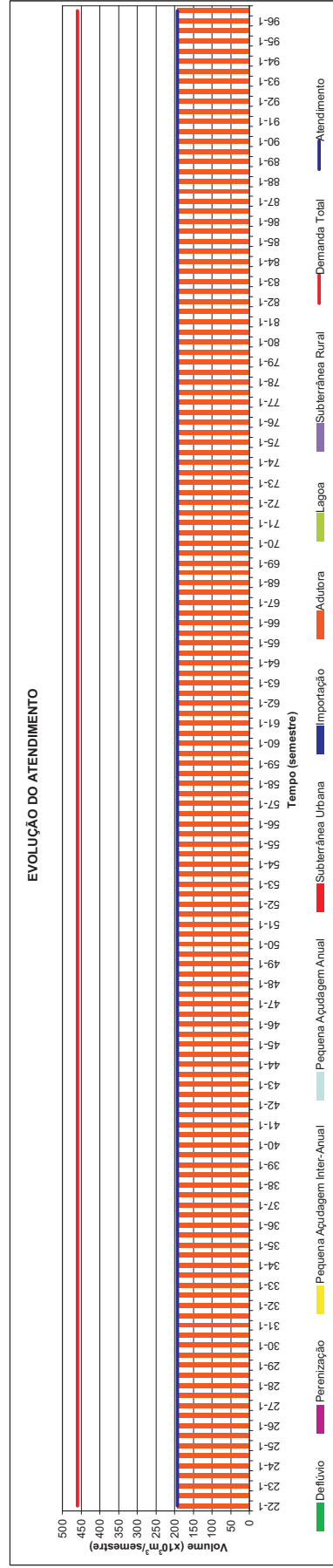
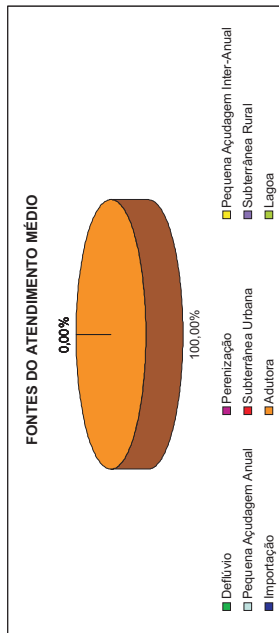
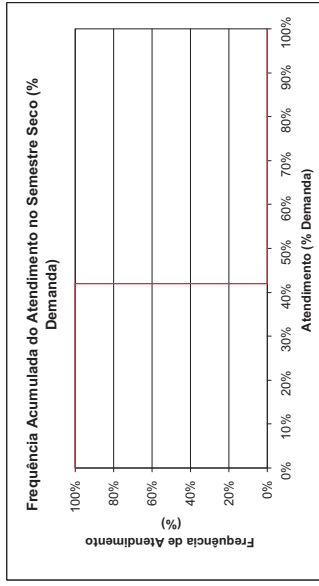
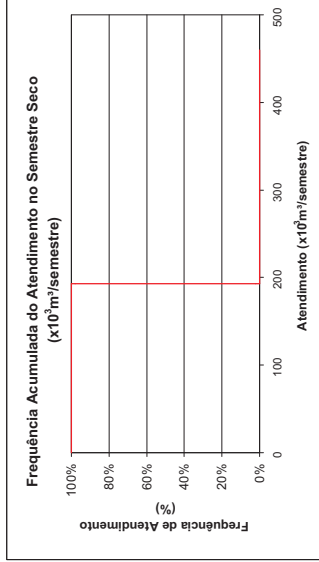
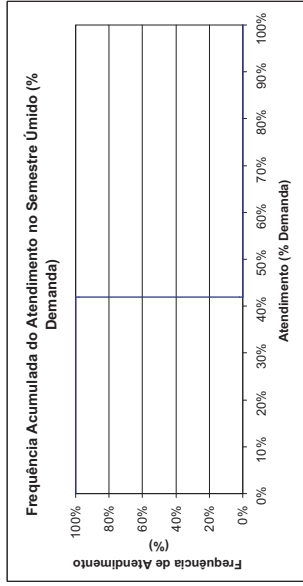
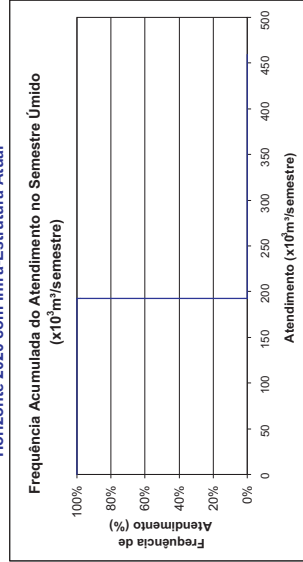
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10³m³/Semestre	% Demanda	x10³m³/Semestre	% Demanda
0%	93,654	100%	93,654	100%
10%	93,654	100%	93,654	100%
20%	93,654	100%	93,654	100%
30%	93,654	100%	93,654	100%
40%	78,65	84%	93,654	100%
50%	78,65	84%	93,654	100%
60%	63,646	68%	93,654	100%
70%	63,646	68%	93,654	100%
80%	49,1076	52%	93,654	100%
90%	34,22	37%	21,6348	23%
100%	3,63	4%	3,63	4%
Atend. Médio	78,65	84%	93,654	100%
Freq. de Falha	3,63	4%	3,63	4%
	68,00%		14,67%	
	93,654 x10³m³/semestre		6,02 l/s	





Eusébio
Demanda Industrial
MCC.EUS.02
 Horizonte 2020 com Infra-Estrutura Atual

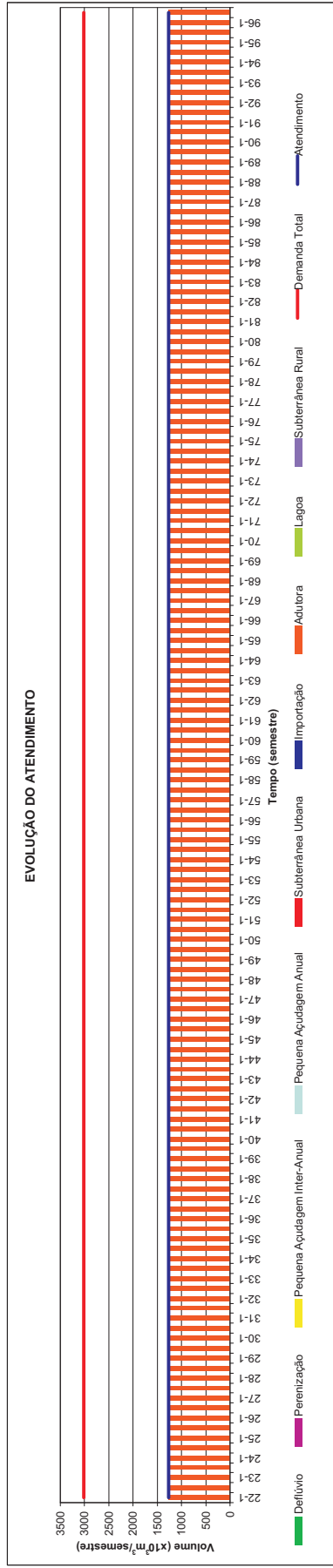
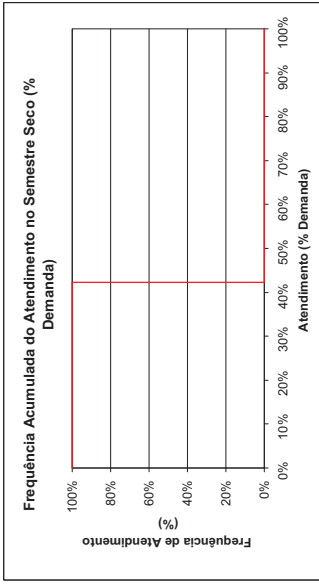
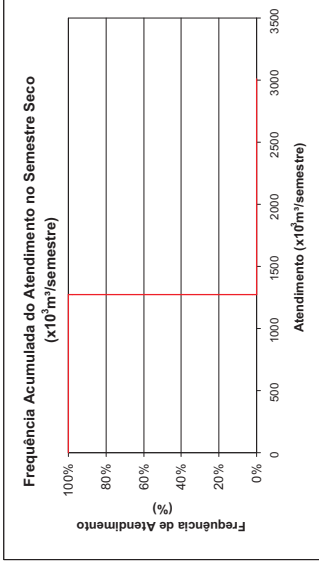
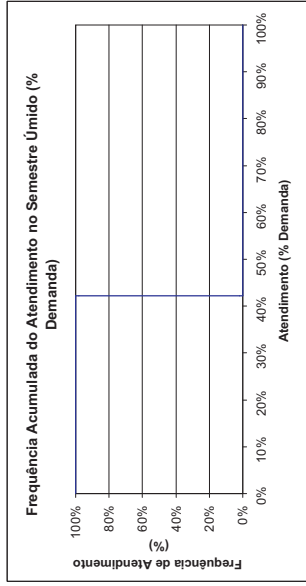
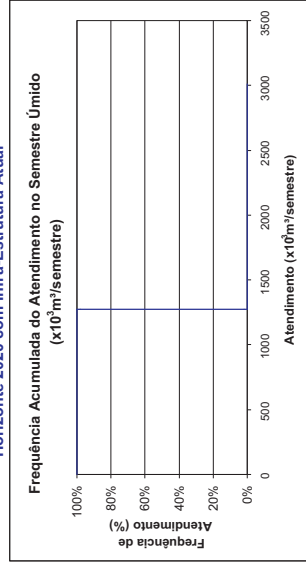
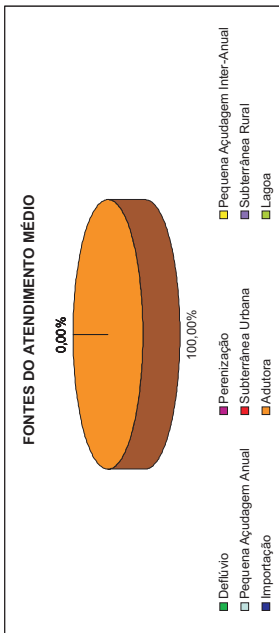
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	192,846	42%	192,846	42%
10%	192,846	42%	192,846	42%
20%	192,846	42%	192,846	42%
30%	192,846	42%	192,846	42%
40%	192,846	42%	192,846	42%
50%	192,846	42%	192,846	42%
60%	192,846	42%	192,846	42%
70%	192,846	42%	192,846	42%
80%	192,846	42%	192,846	42%
90%	192,846	42%	192,846	42%
100%	192,846	42%	192,846	42%
Atend. Médio	192,846	42%	192,846	42%
Atend. Mínimo	192,846	42%	192,846	42%
Freq. de Falha	100,00%	42%	100,00%	42%
	459,612 x10 ³ m ³ /semestre		29,55 l/s	





D.I. Eusébio
Demanda Industrial
MCC.EUS.03
 Horizonte 2020 com Infra-Estrutura Atual

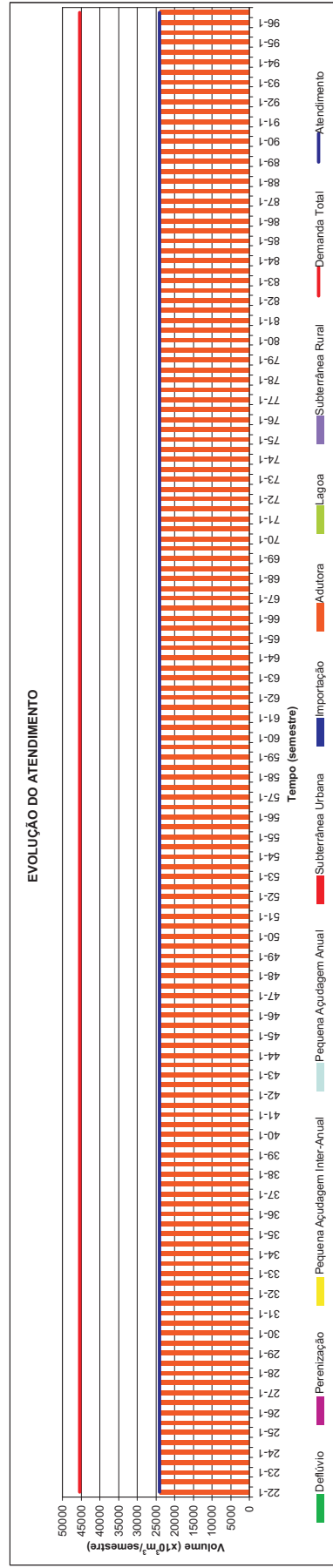
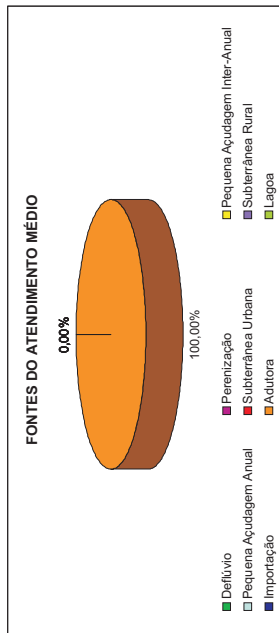
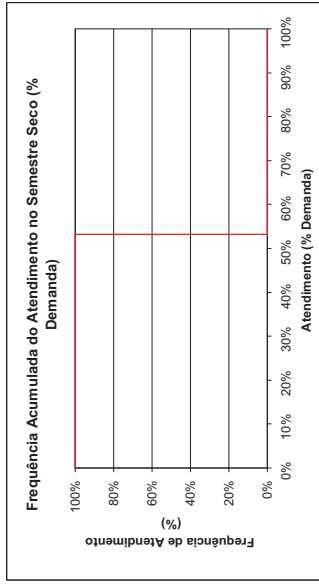
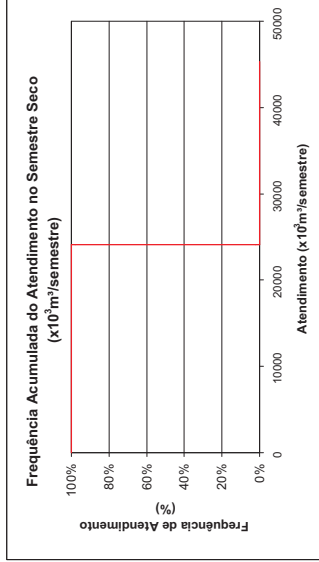
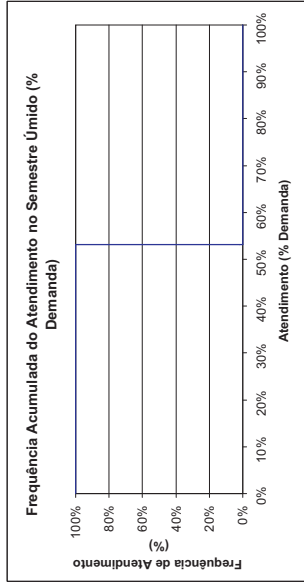
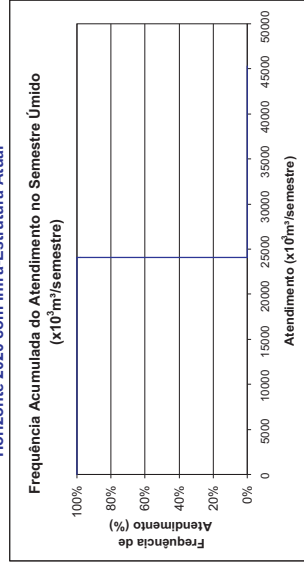
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	1271,826	42%	1271,826	42%
10%	1271,826	42%	1271,826	42%
20%	1271,826	42%	1271,826	42%
30%	1271,826	42%	1271,826	42%
40%	1271,826	42%	1271,826	42%
50%	1271,826	42%	1271,826	42%
60%	1271,826	42%	1271,826	42%
70%	1271,826	42%	1271,826	42%
80%	1271,826	42%	1271,826	42%
90%	1271,826	42%	1271,826	42%
100%	1271,826	42%	1271,826	42%
Atend. Médio	1271,826	42%	1271,826	42%
Atend. Mínimo	1271,826	42%	1271,826	42%
Freq. de Falha	100,00%		100,00%	
	3.011,766 x10 ³ m ³ /semestre		193,66 l/s	





Fortaleza
Demanda Industrial
FOR.FOR.00
 Horizonte 2020 com Infra-Estrutura Atual

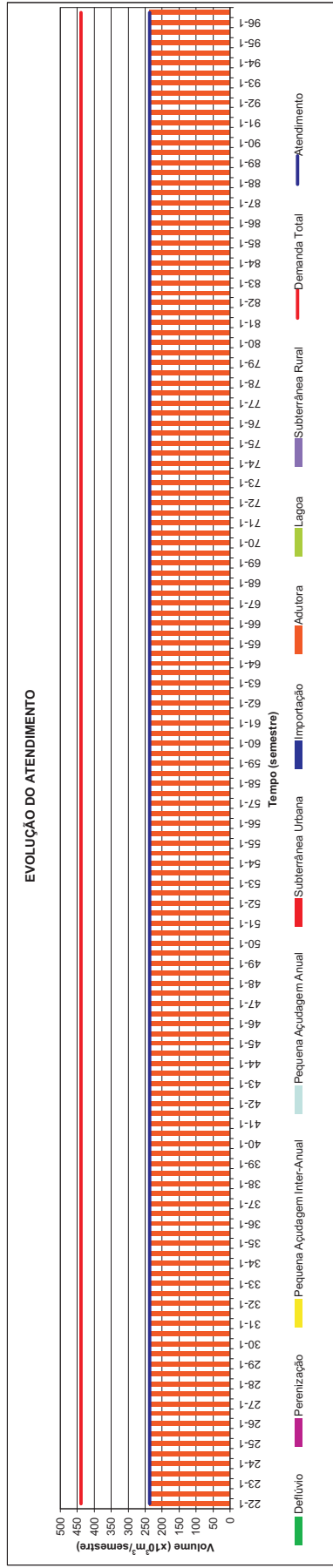
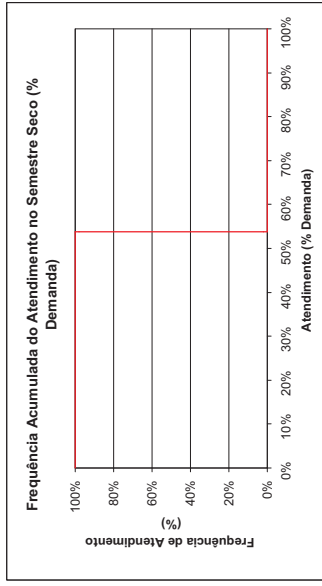
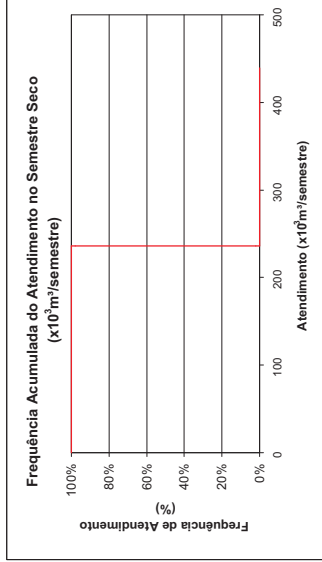
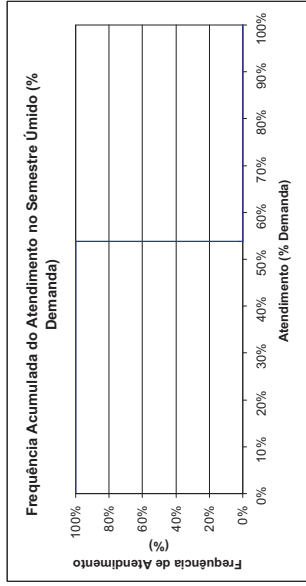
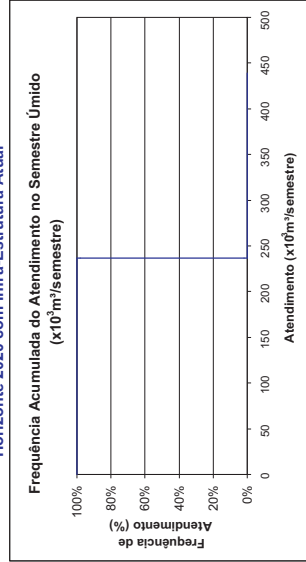
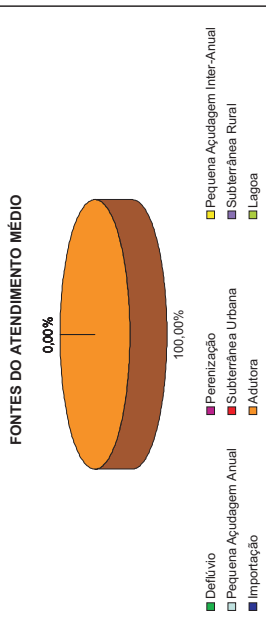
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE x10 ⁶ m ³ /Semestre	% Demanda	2º SEMESTRE x10 ⁶ m ³ /Semestre	% Demanda
0%	24090,557	53%	24090,557	53%
10%	24090,557	53%	24090,557	53%
20%	24090,557	53%	24090,557	53%
30%	24090,557	53%	24090,557	53%
40%	24090,557	53%	24090,557	53%
50%	24090,557	53%	24090,557	53%
60%	24090,557	53%	24090,557	53%
70%	24090,557	53%	24090,557	53%
80%	24090,557	53%	24090,557	53%
90%	24090,557	53%	24090,557	53%
Atend. Médio	24090,557	53%	24090,557	53%
Atend. Mínimo	24090,557	53%	24090,557	53%
Freq. de Falha	100,00%		100,00%	
	45.307.242 x10 ³ m ³ /semestre		2813,27 l/s	





Guaiuba
Demanda Industrial
MPA.GUB.11
 Horizonte 2020 com Infra-Estrutura Atual

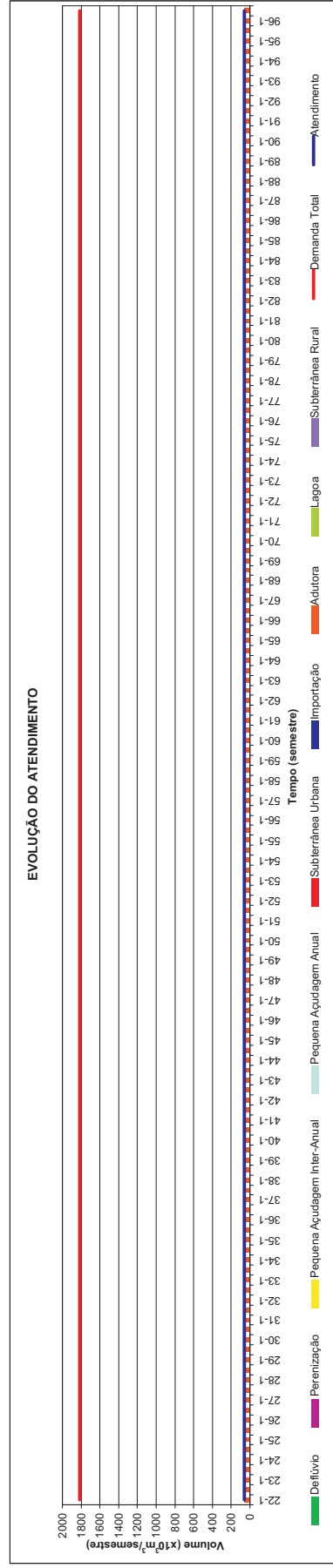
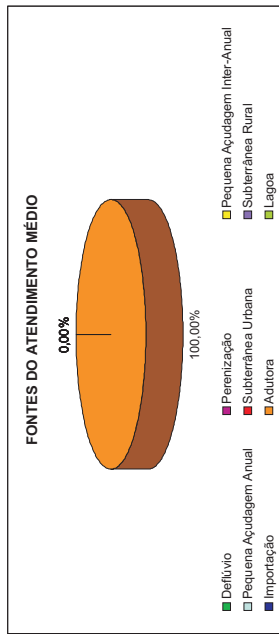
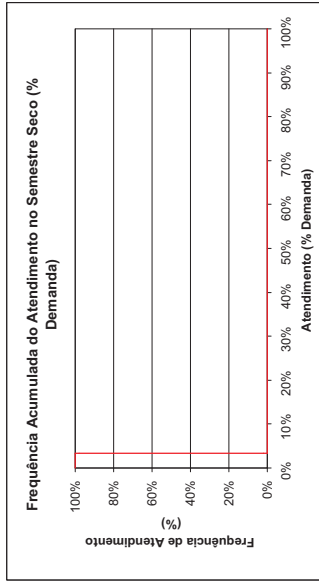
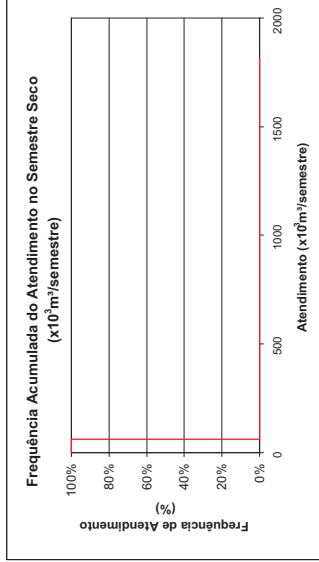
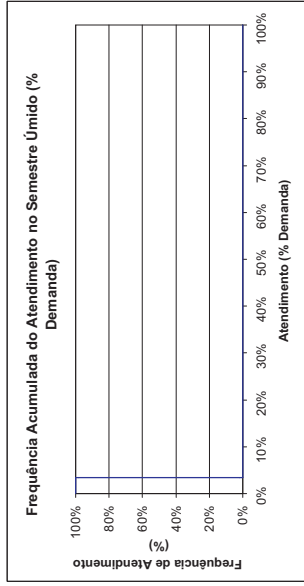
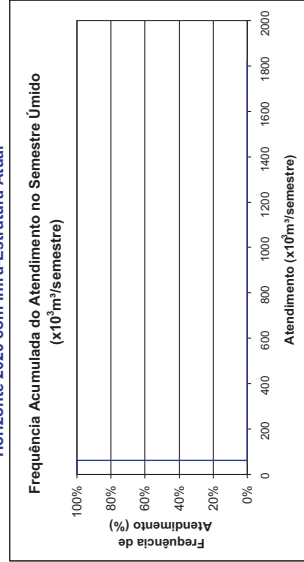
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	236.436	54%	236.436	54%
10%	236.436	54%	236.436	54%
20%	236.436	54%	236.436	54%
30%	236.436	54%	236.436	54%
40%	236.436	54%	236.436	54%
50%	236.436	54%	236.436	54%
60%	236.436	54%	236.436	54%
70%	236.436	54%	236.436	54%
80%	236.436	54%	236.436	54%
90%	236.436	54%	236.436	54%
100%	236.436	54%	236.436	54%
Atend. Médio	236.436	54%	236.436	54%
Atend. Mínimo	236.436	54%	236.436	54%
Freq. de Falha	100,00%		100,00%	
	439.230 x10 ³ m ³ /semestre		28.24 l/s	





Ind. Horizonte I
Demanda Industrial
MCH.HOR.01
 Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	60.798	3%	60.798	3%
10%	60.798	3%	60.798	3%
20%	60.798	3%	60.798	3%
30%	60.798	3%	60.798	3%
40%	60.798	3%	60.798	3%
50%	60.798	3%	60.798	3%
60%	60.798	3%	60.798	3%
70%	60.798	3%	60.798	3%
80%	60.798	3%	60.798	3%
90%	60.798	3%	60.798	3%
100%	60.798	3%	60.798	3%
Atend. Médio	60.798	3%	60.798	3%
Atend. Mínimo	60.798	3%	60.798	3%
Freq. de Falha	100,00%		100,00%	
	1.815.642 x10 ³ m ³ /semestre		115,75 l/s	

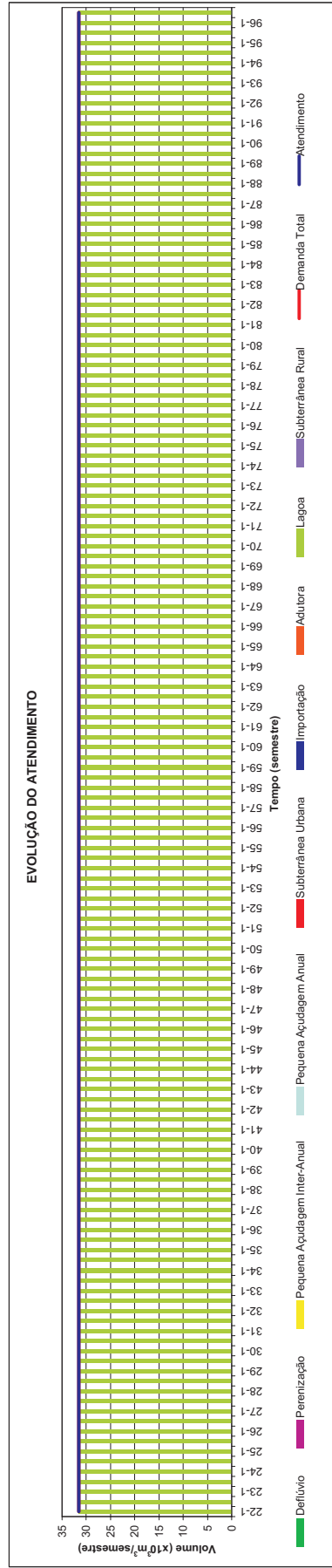
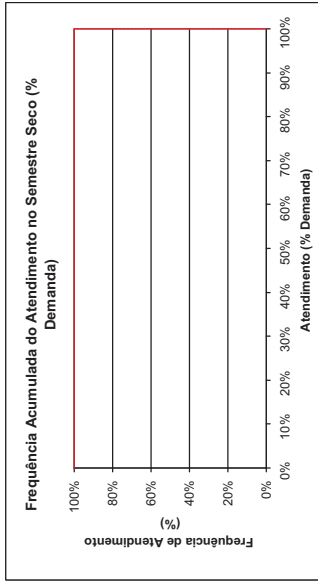
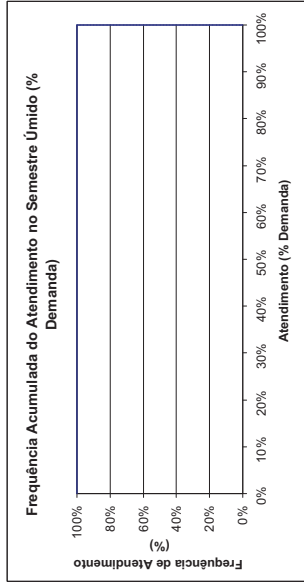
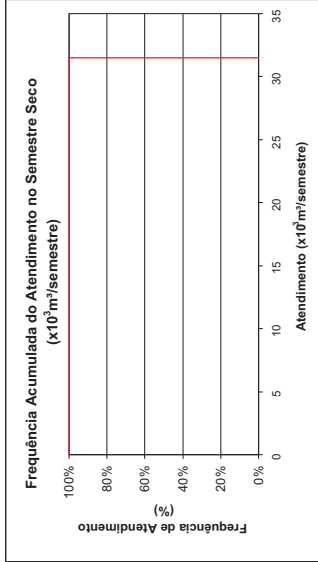
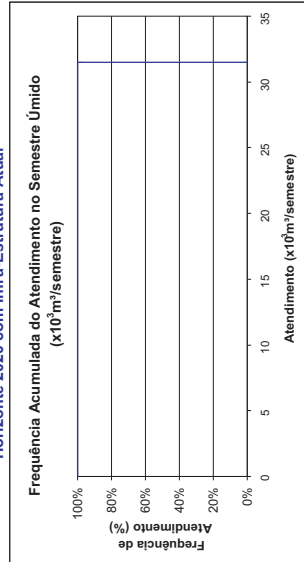
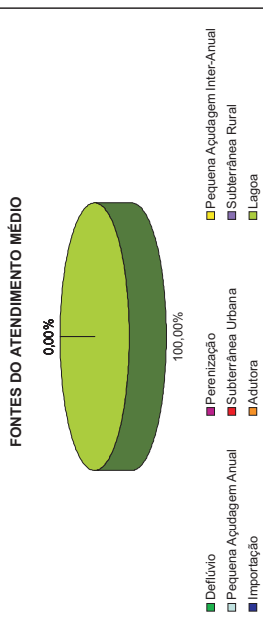




Ind. Horizonte II Demanda Industrial MMZ.HOR.02

Horizonte 2020 com Infra-Estrutura Atual

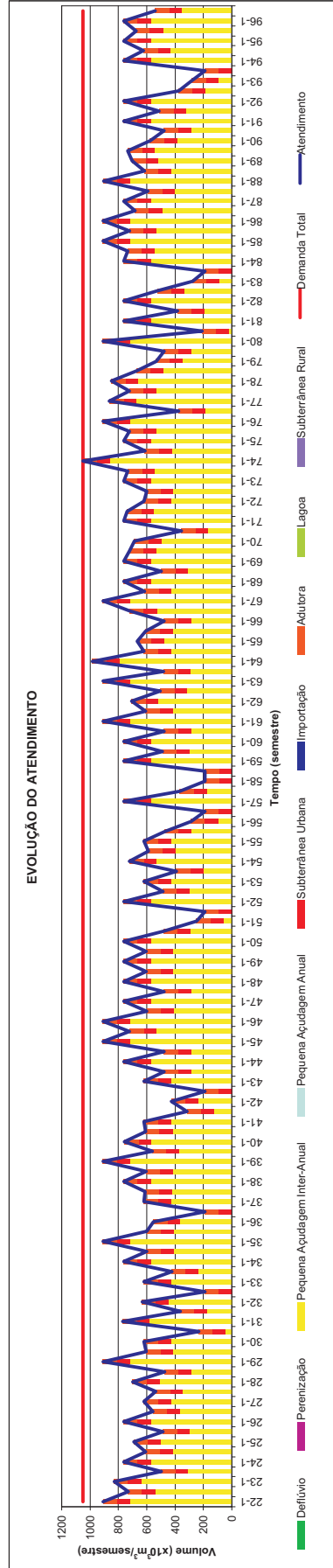
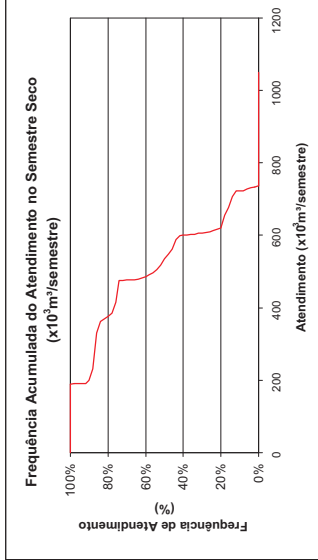
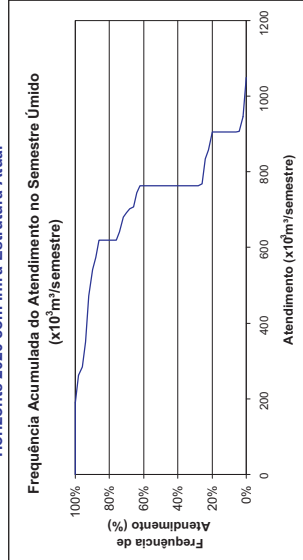
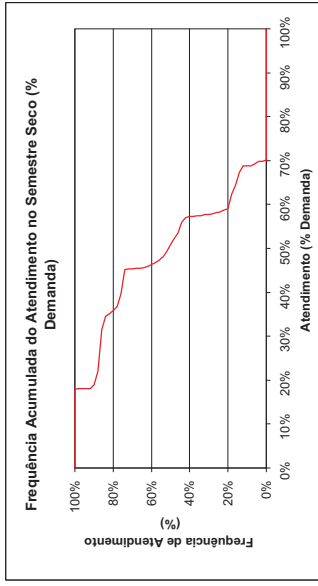
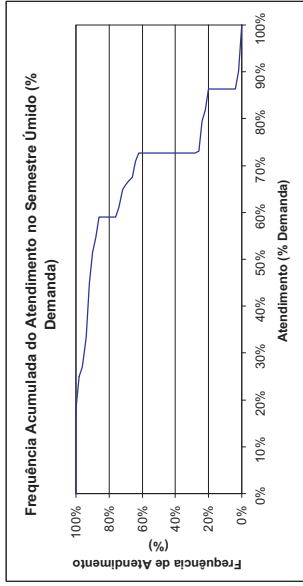
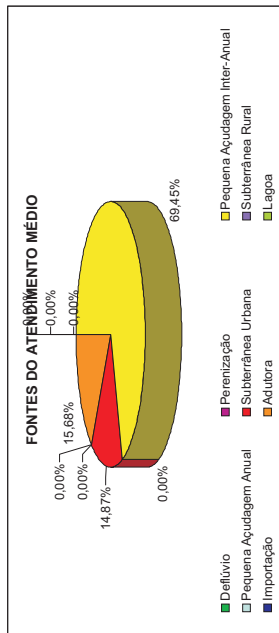
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	31,5	100%	31,5	100%
10%	31,5	100%	31,5	100%
20%	31,5	100%	31,5	100%
30%	31,5	100%	31,5	100%
40%	31,5	100%	31,5	100%
50%	31,5	100%	31,5	100%
60%	31,5	100%	31,5	100%
70%	31,5	100%	31,5	100%
80%	31,5	100%	31,5	100%
90%	31,5	100%	31,5	100%
100%	31,5	100%	31,5	100%
Atend. Médio	31,5	100%	31,5	100%
Freq. de Falha	0,00%	100%	31,5	100%
	31.500 x10 ³ m ³ /semestre		2.03 l/s	





Itaitinga
Demanda Industrial
MCC.ITG.01
 Horizonte 2020 com Infra-Estrutura Atual

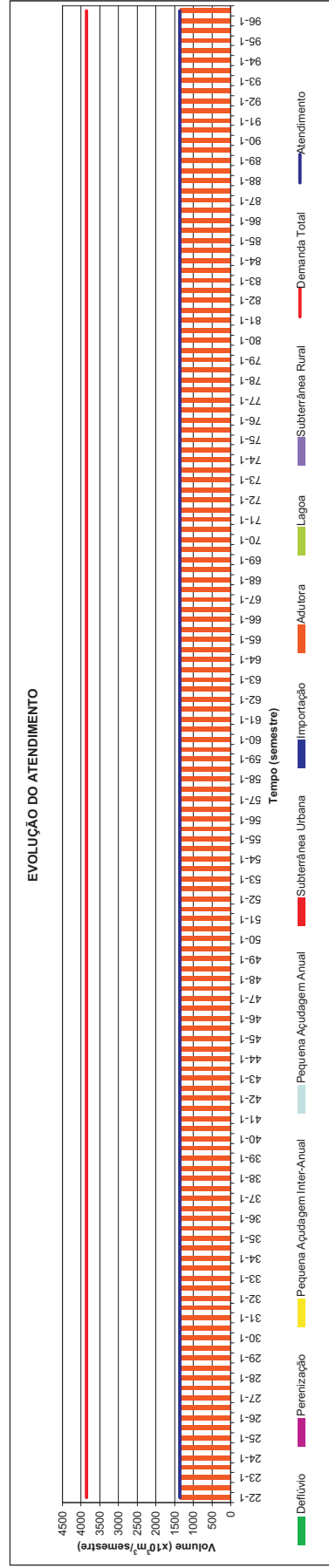
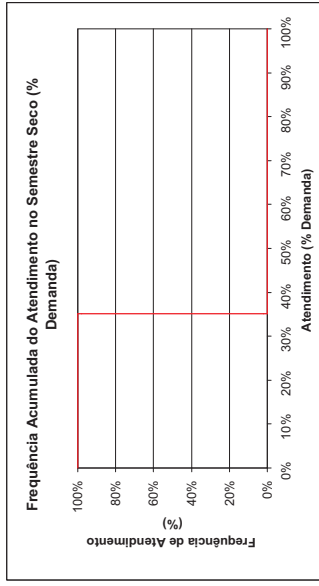
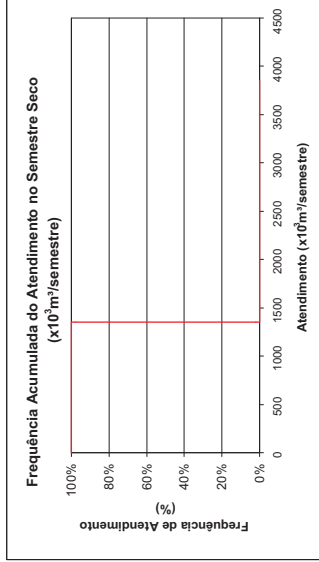
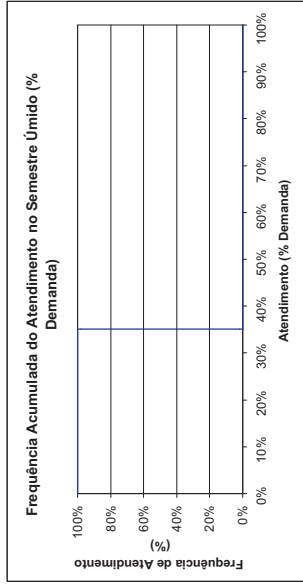
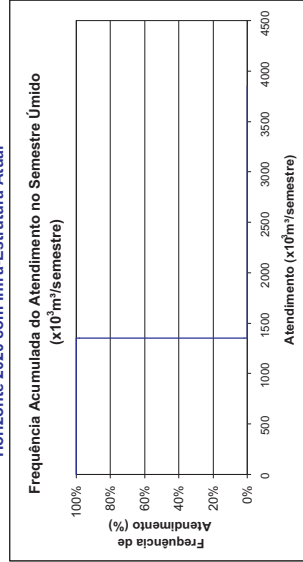
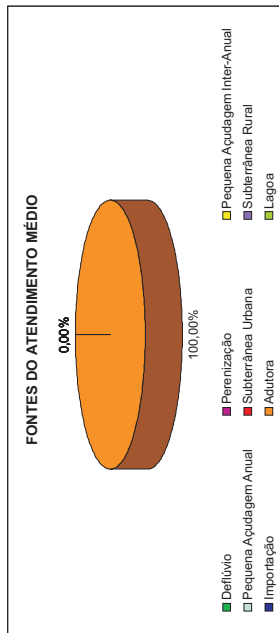
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ⁶ m ³ /Semestre	% Demanda	x10 ⁶ m ³ /Semestre	% Demanda
0%	1049,76	100%	736,477	70%
10%	906,283	86%	722,701	69%
20%	905,6886	86%	619,628	59%
30%	906,283	73%	606,5694	58%
40%	762,807	73%	600,7616	57%
50%	762,807	73%	535,956	51%
60%	762,807	73%	485,9226	46%
70%	693,0676	66%	476,3038	45%
80%	619,33	59%	376,2078	36%
90%	541,2592	52%	199,19	19%
100%	188,899	18%	188,899	18%
Atend. Médio	762,807	73%	535,956	51%
Atend. Mínimo	188,899	18%	188,899	18%
Freq. de Falha	98,67%		100,00%	
Demanda	1.049.760 x10⁶m³/semestre		67.50 I/s	





Maranguape
Demanda Industrial
MMA.MAN.05
 Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	1353,09	35%	1353,09	35%
10%	1353,09	35%	1353,09	35%
20%	1353,09	35%	1353,09	35%
30%	1353,09	35%	1353,09	35%
40%	1353,09	35%	1353,09	35%
50%	1353,09	35%	1353,09	35%
60%	1353,09	35%	1353,09	35%
70%	1353,09	35%	1353,09	35%
80%	1353,09	35%	1353,09	35%
90%	1353,09	35%	1353,09	35%
100%	1353,09	35%	1353,09	35%
Atend. Médio	1353,09	35%	1353,09	35%
Freq. de Falha	1353,09	35%	1353,09	35%
Demanda	3.850,734 x10³ m³/semestre		247,60 l/s	

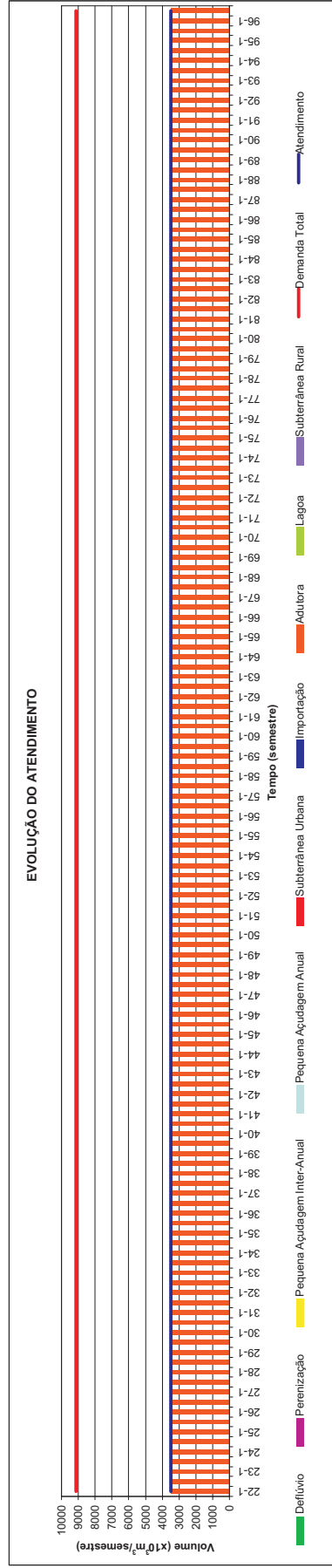
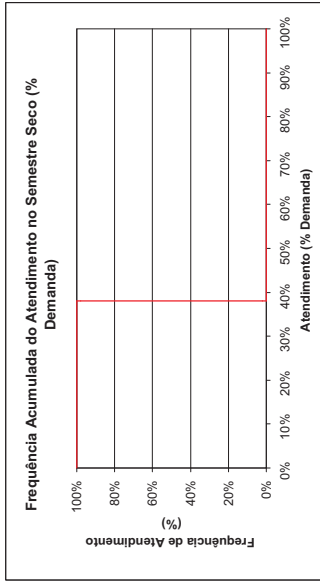
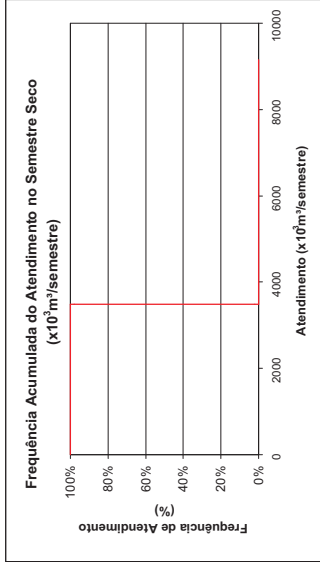
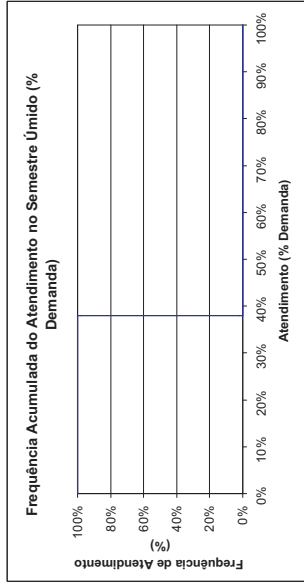
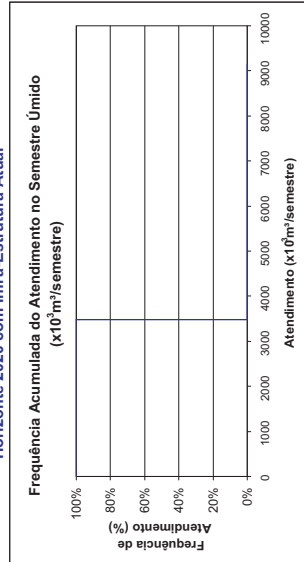
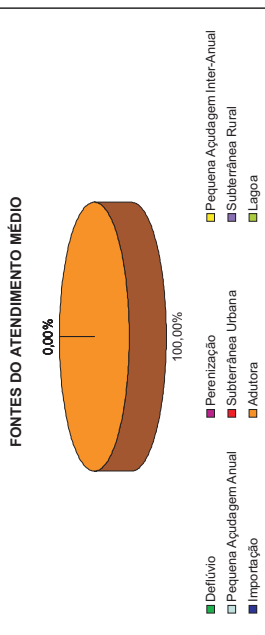




D. I. Maracanã Demanda Industrial MMA_MAR_02

Horizonte 2020 com Infra-Estrutura Atual

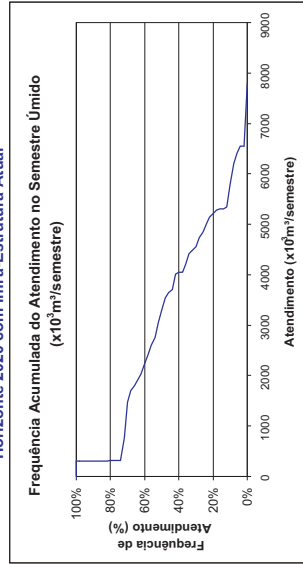
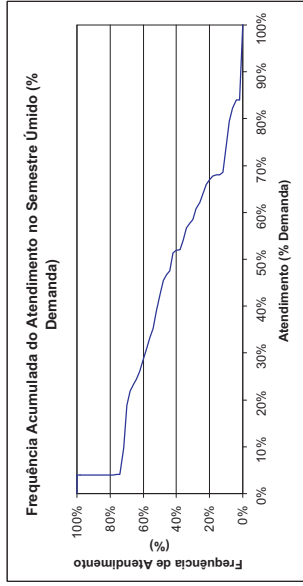
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	3481,92	38%	3481,92	38%
10%	3481,92	38%	3481,92	38%
20%	3481,92	38%	3481,92	38%
30%	3481,92	38%	3481,92	38%
40%	3481,92	38%	3481,92	38%
50%	3481,92	38%	3481,92	38%
60%	3481,92	38%	3481,92	38%
70%	3481,92	38%	3481,92	38%
80%	3481,92	38%	3481,92	38%
90%	3481,92	38%	3481,92	38%
100%	3481,92	38%	3481,92	38%
Atend. Mínimo	3481,92	38%	3481,92	38%
Freq. de Falha	100,00%		100,00%	
Demanda	9.152.352 x10³ m³/semestre		585,50 l/s	



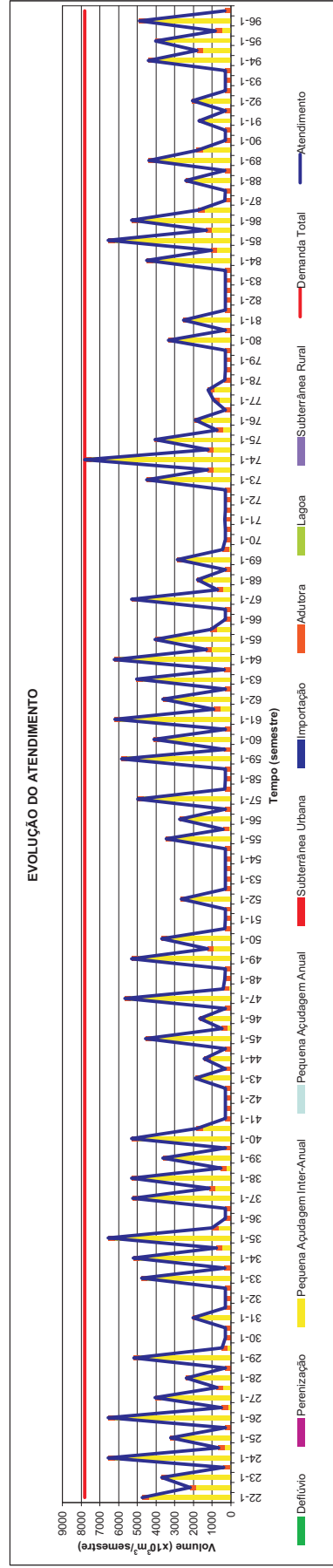
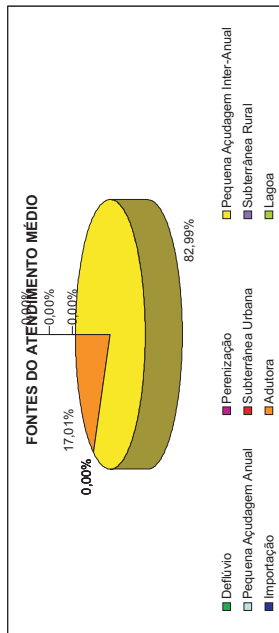
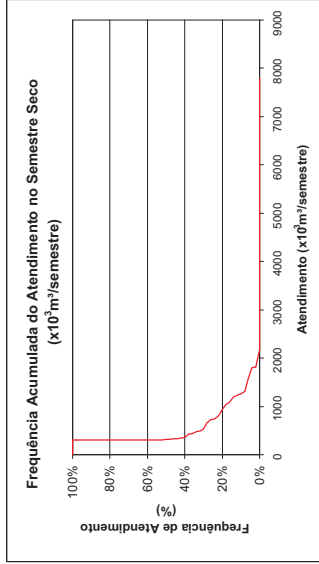
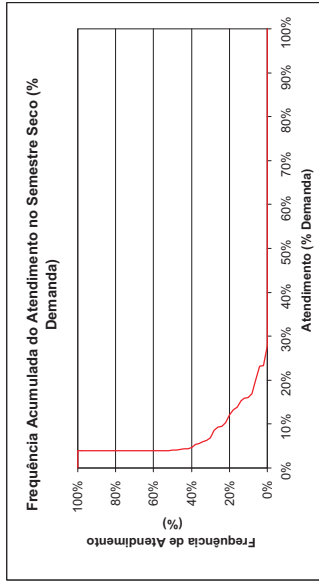


Pacajus Demanda Industrial MCH.PAC.06

Horizonte 2020 com Infra-Estrutura Atual



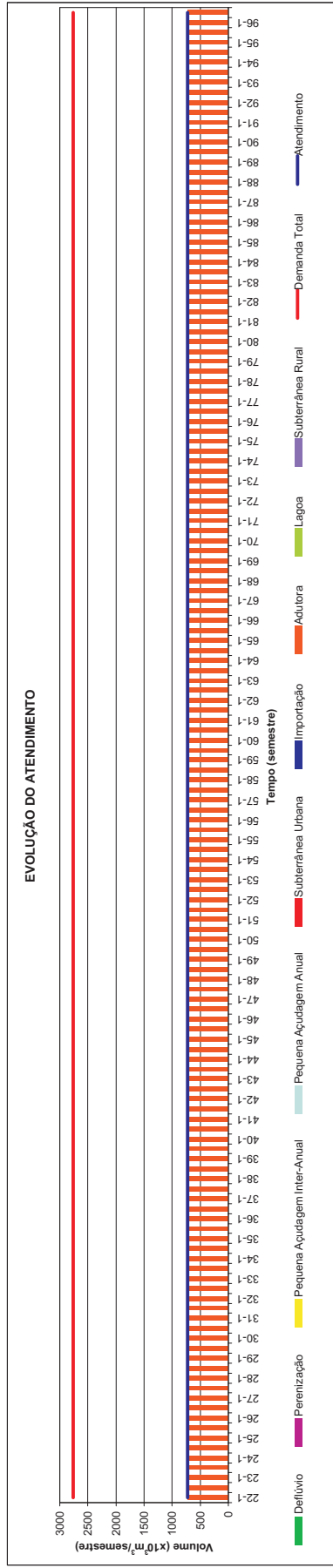
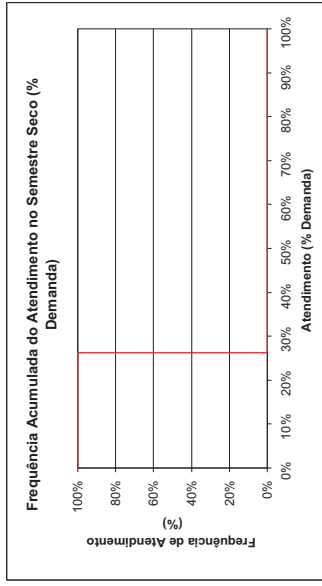
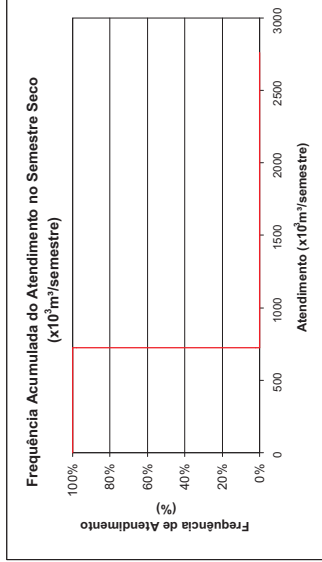
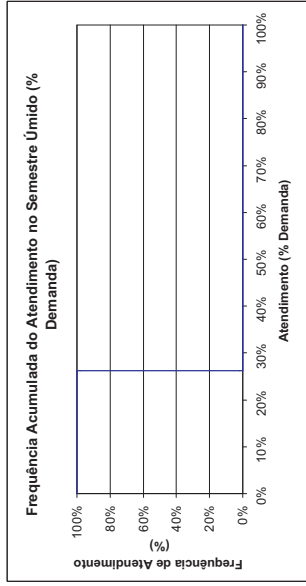
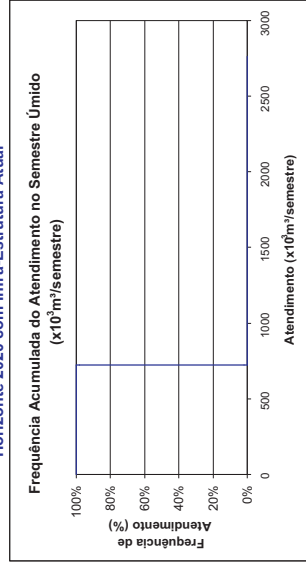
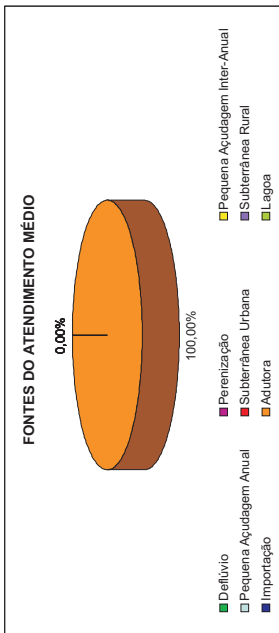
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	7796,586	100%	2174,205	28%
10%	5773,1106	74%	1254,6878	16%
20%	5221,9572	67%	938,0404	12%
30%	5285,16888	58%	530,2264	7%
40%	4044,5202	52%	363,5074	5%
50%	3325,643	43%	312,716	4%
60%	2246,7766	29%	310,56	4%
70%	1473,8754	19%	310,56	4%
80%	311,0682	4%	310,56	4%
90%	310,6496	4%	310,56	4%
100%	310,56	4%	310,56	4%
Atend. Médio	3325,643	43%	312,716	4%
Atend. Mínimo	310,56	4%	310,56	4%
Freq. de Falha	98,67%		100,00%	
Demanda	7.796.586 x10³ m³/semestre		501.32 l/s	





Pacatuba
Demanda Industrial
MCO.PAT.01
 Horizonte 2020 com Infra-Estrutura Atual

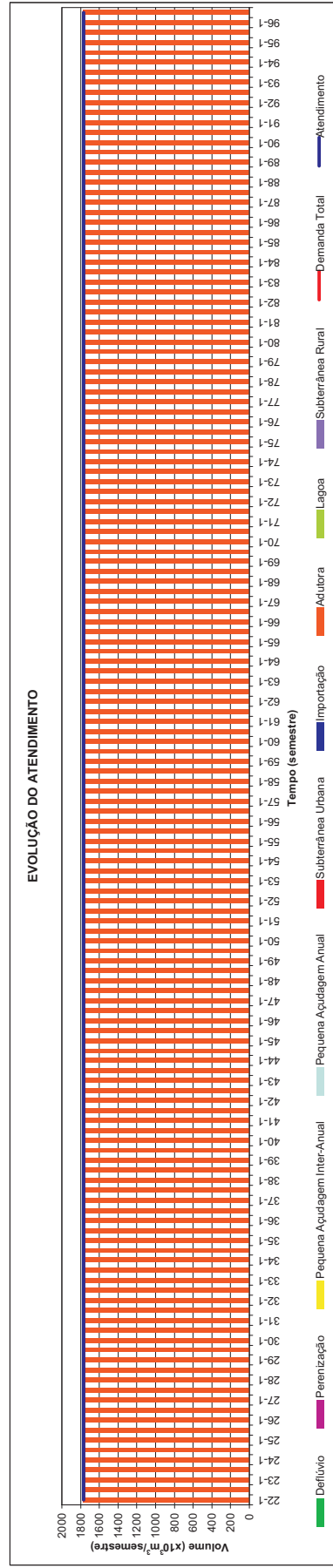
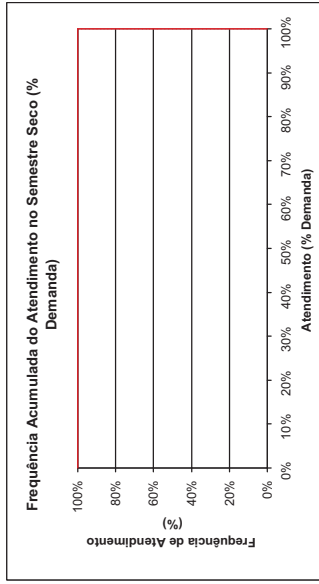
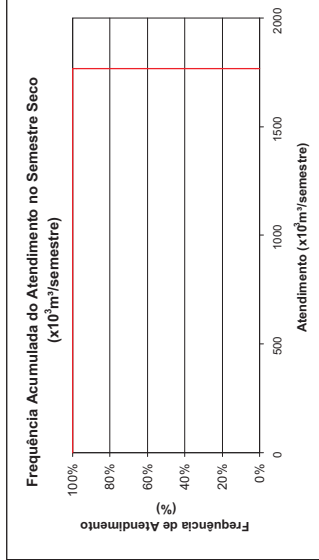
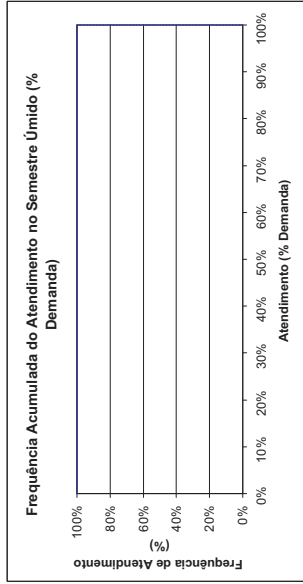
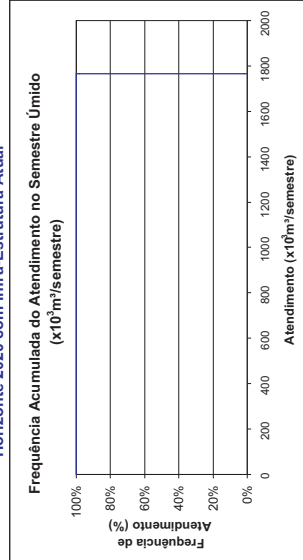
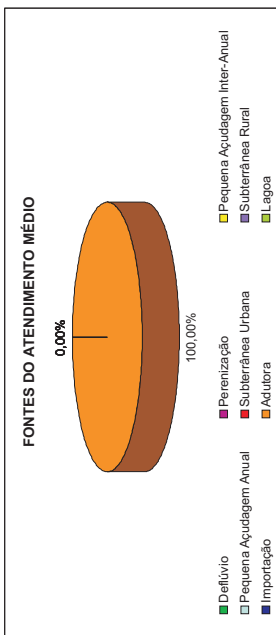
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	724,656	26%	724,656	26%
10%	724,656	26%	724,656	26%
20%	724,656	26%	724,656	26%
30%	724,656	26%	724,656	26%
40%	724,656	26%	724,656	26%
50%	724,656	26%	724,656	26%
60%	724,656	26%	724,656	26%
70%	724,656	26%	724,656	26%
80%	724,656	26%	724,656	26%
90%	724,656	26%	724,656	26%
100%	724,656	26%	724,656	26%
Atend. Mínimo	724,656	26%	724,656	26%
Freq. de Falha	100,00%		100,00%	
Demanda	2.761.506 x10³ m³/semestre		177,57 l/s	





Pindoretama
Demanda Industrial
MCF.PIN.00
 Horizonte 2020 com Infra-Estrutura Atual

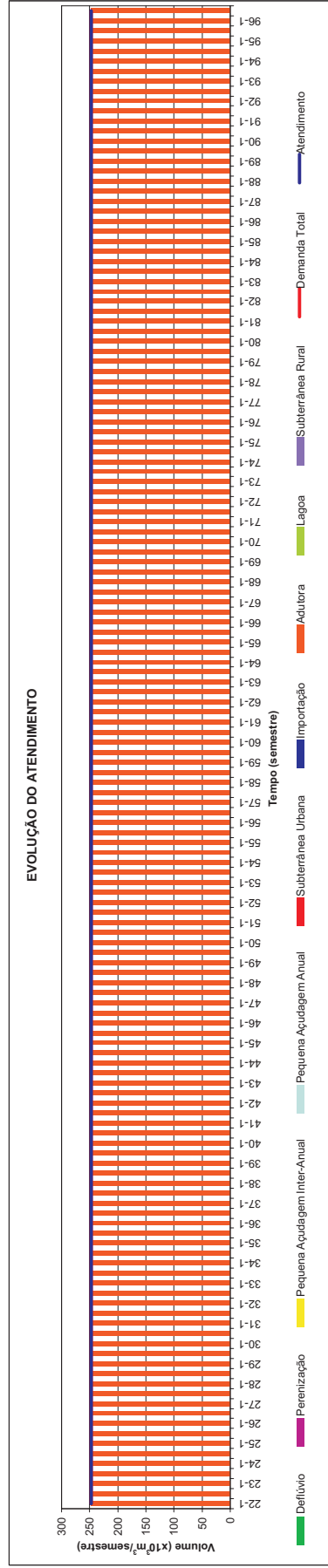
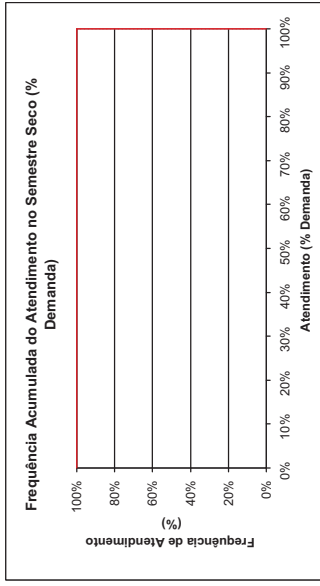
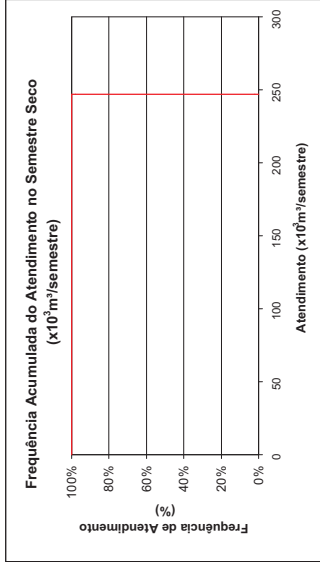
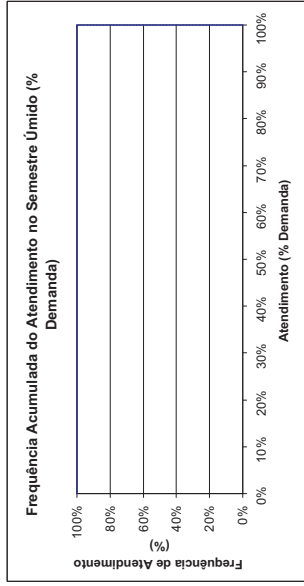
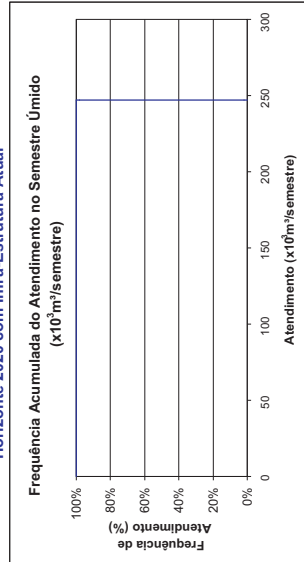
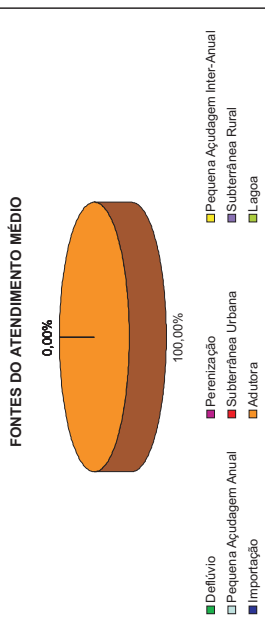
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	1765,95	100%	1765,95	100%
10%	1765,95	100%	1765,95	100%
20%	1765,95	100%	1765,95	100%
30%	1765,95	100%	1765,95	100%
40%	1765,95	100%	1765,95	100%
50%	1765,95	100%	1765,95	100%
60%	1765,95	100%	1765,95	100%
70%	1765,95	100%	1765,95	100%
80%	1765,95	100%	1765,95	100%
90%	1765,95	100%	1765,95	100%
100%	1765,95	100%	1765,95	100%
Atend. Médio	1765,95	100%	1765,95	100%
Freq. de Falha	0,00%		0,00%	
Demanda	1.765,950 x10³ m³/semestre		113,55 l/s	





Redenção
Demanda Industrial
MPA,RED.02
 Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	247,098	100%	247,098	100%
10%	247,098	100%	247,098	100%
20%	247,098	100%	247,098	100%
30%	247,098	100%	247,098	100%
40%	247,098	100%	247,098	100%
50%	247,098	100%	247,098	100%
60%	247,098	100%	247,098	100%
70%	247,098	100%	247,098	100%
80%	247,098	100%	247,098	100%
90%	247,098	100%	247,098	100%
100%	247,098	100%	247,098	100%
Atend. Médio	247,098	100%	247,098	100%
Freq. de Falha	0,00%		0,00%	
Demanda	247,098 x10³ m³/semestre		15,89 l/s	

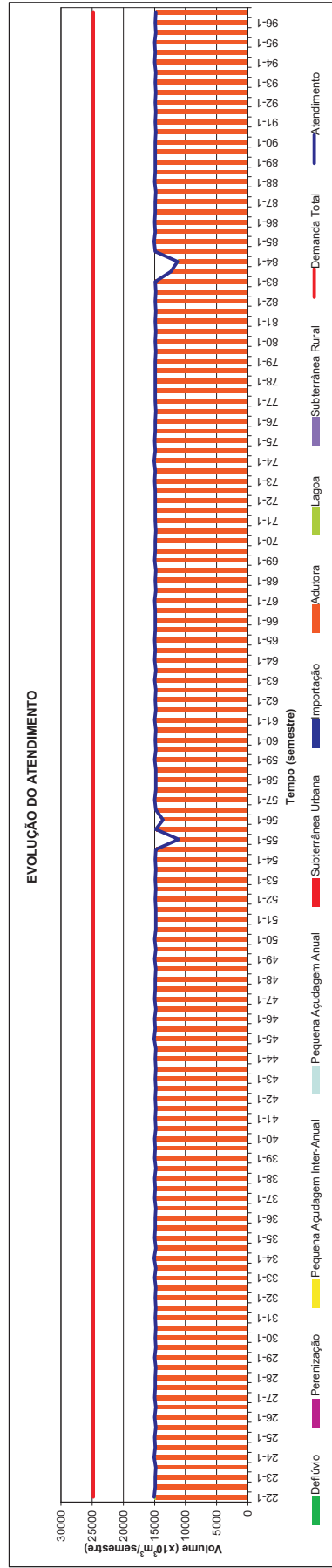
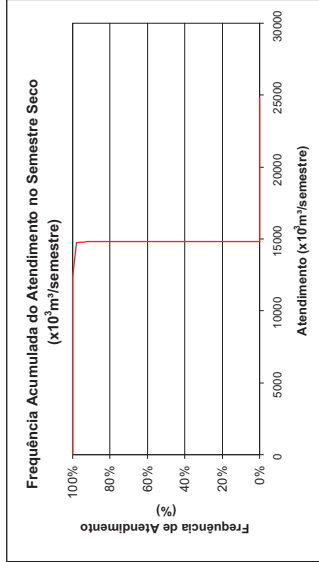
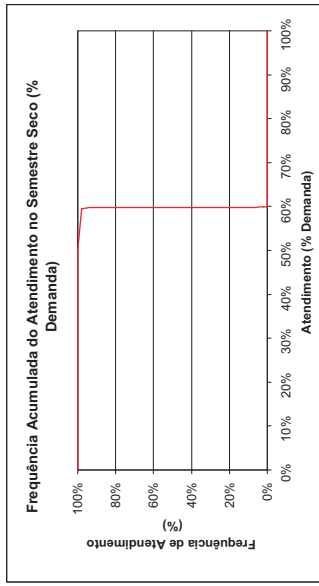
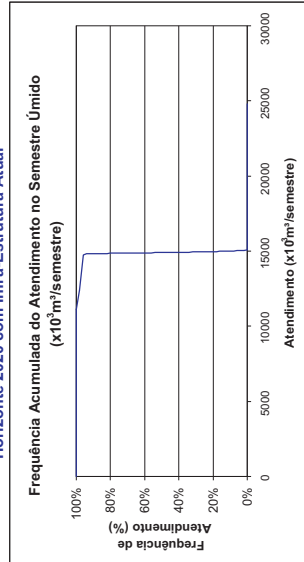
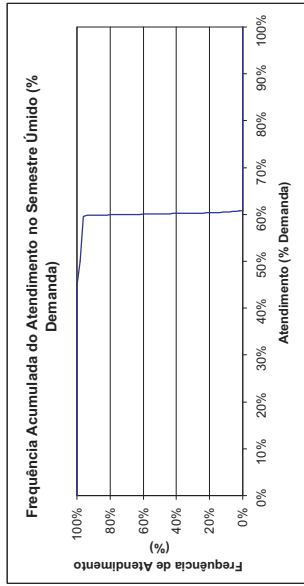
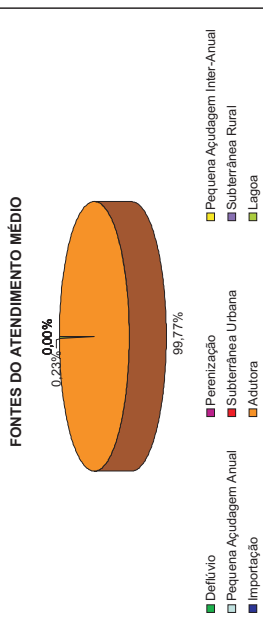




Complexo Portuário Pecém Demanda Industrial MGE.SGA.03

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	15079,121	61%	14840,835	60%
10%	14996,6596	60%	14831,7464	60%
20%	14981,0148	60%	14828,2126	60%
30%	14972,90168	60%	14823,9978	60%
40%	14929,532	60%	14817,1512	60%
50%	14905,228	60%	14816,309	60%
60%	14885,9526	60%	14815,0602	60%
70%	14870,3302	60%	14812,4508	60%
80%	14852,2552	60%	14811,165	60%
90%	14840,9572	60%	14804,7364	60%
100%	11124,607	45%	12382,843	50%
Atend. Médio	14895,228	60%	14816,309	60%
Atend. Mínimo	11124,607	45%	12382,843	50%
Freq. de Falha	100,00%		100,00%	
Demanda	24.789.888 x10³ m³/semestre		1594.00 l/s	





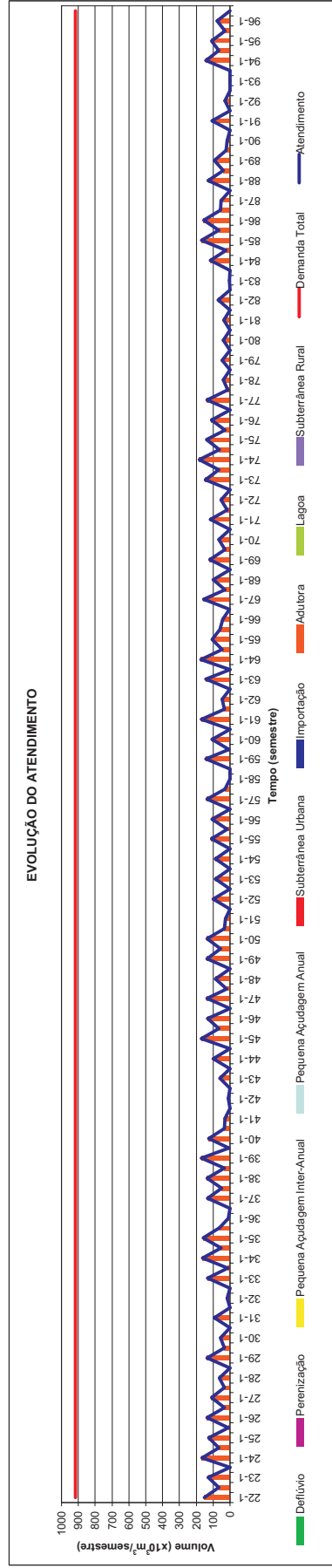
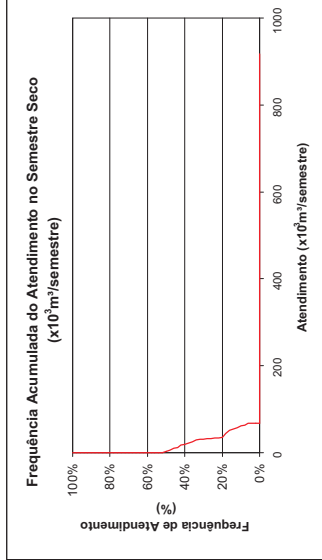
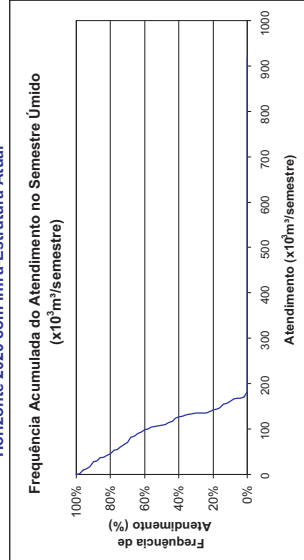
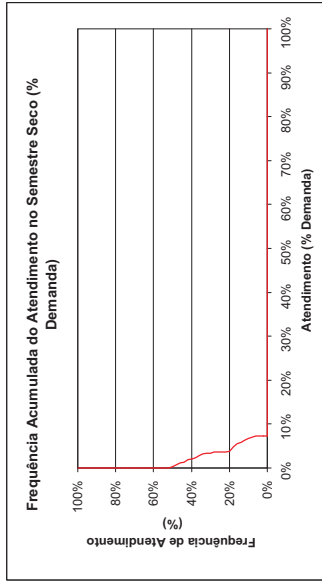
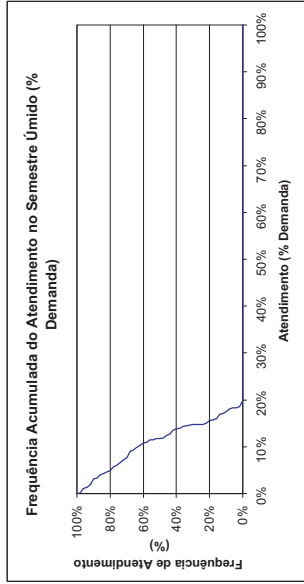
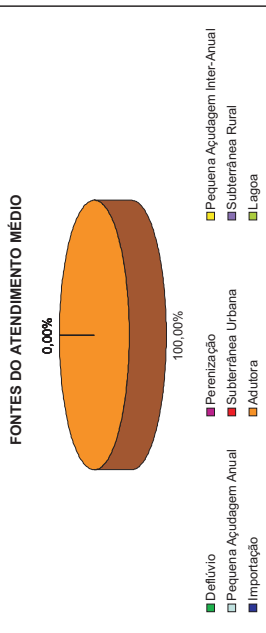
Plano de Gerenciamento das Águas das Bacias Metropolitanas



São Gonçalo do Amarante
Demanda Industrial
MSG.SGA.11

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	182.172	20%	67.408	7%
10%	160.5846	17%	61.4792	7%
20%	142.3474	16%	34.9948	4%
30%	143.80168	15%	30.49	3%
40%	126.9072	14%	18.6302	2%
50%	108.417	12%	2.517	0%
60%	96.3626	11%	0	0%
70%	70.3622	8%	0	0%
80%	45.5238	5%	0	0%
90%	26.6174	3%	0	0%
100%	0	0%	0	0%
Atend. Médio	108.417	12%	2.517	0%
Atend. Mínimo	0	0%	0	0%
Freq. de Falha	100,00%		100,00%	
Demanda	917.784 x10³ m³/semestre		59.01 l/s	

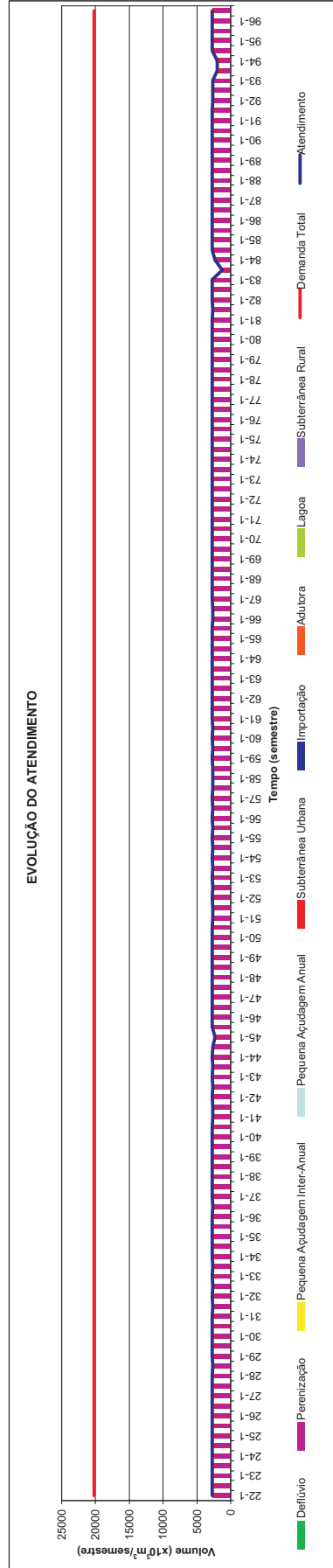
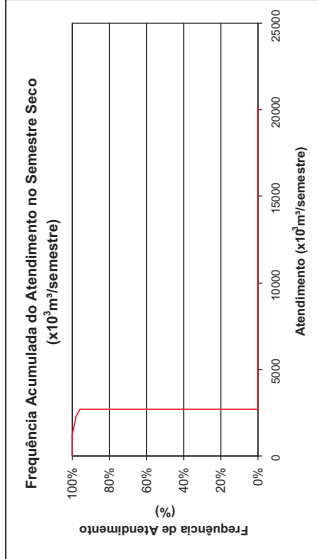
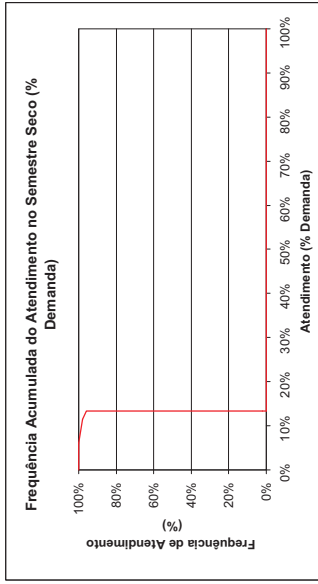
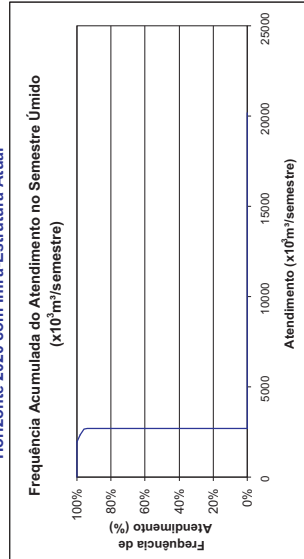
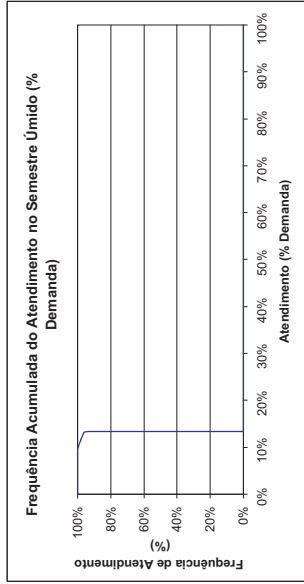
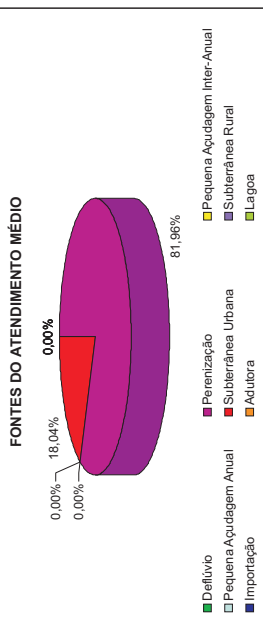


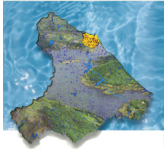


Aquiraz Turismo Demanda Industrial FED.AQU.02

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	2706.819	13%	2700.079	13%
10%	2703.468	13%	2698.413	13%
20%	2701.947	13%	2697.096	13%
30%	2701.947	13%	2696.424	13%
40%	2698.76	13%	2694.511	13%
50%	2698.596	13%	2693.541	13%
60%	2697.075	13%	2691.8854	13%
70%	2695.554	13%	2689.2494	13%
80%	2693.4198	13%	2688.7278	13%
90%	2688.3064	13%	2685.549	13%
100%	1985.167	10%	1220.11	6%
Atend. Médio	2698.596	13%	2693.541	13%
Freq. de Falha	1985.167	10%	1220.11	6%
Demanda	20.170.944 x10³m³/semestre		1297.00 l/s	

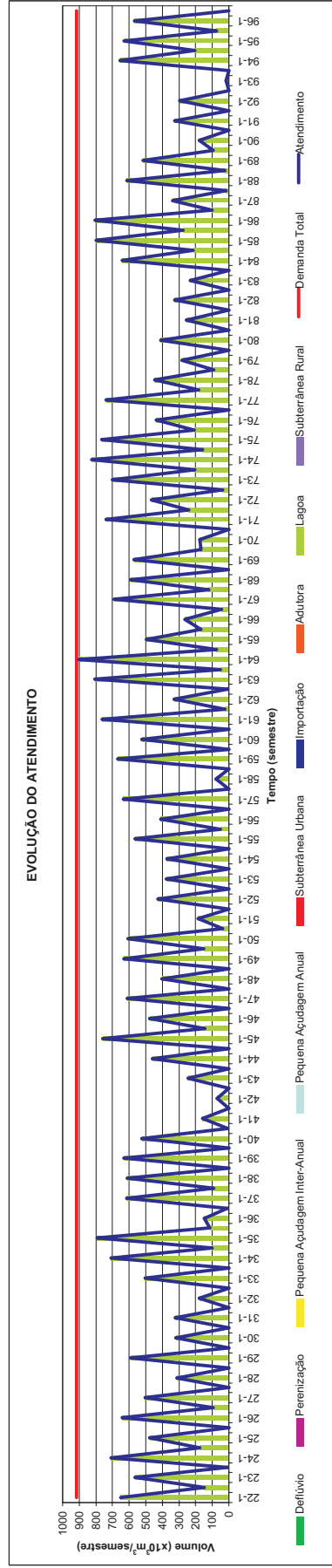
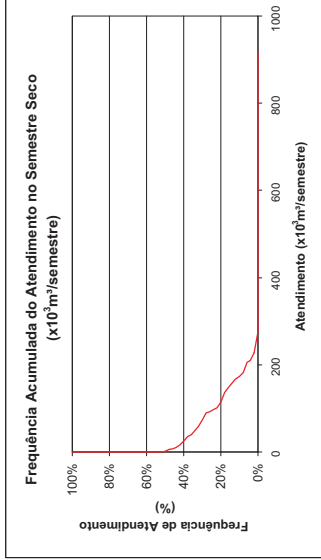
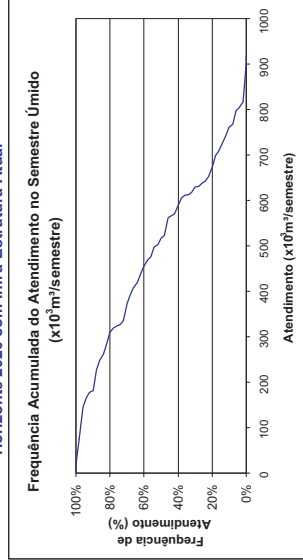
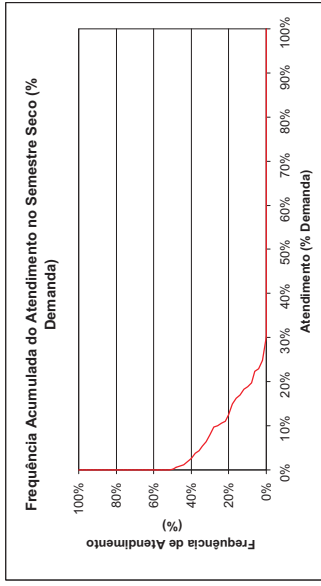
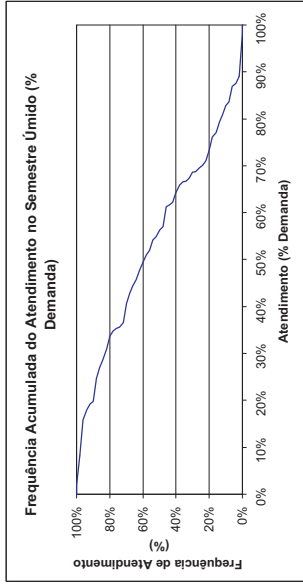
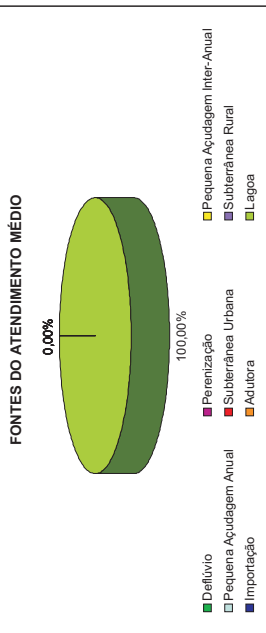




Beberibe Turismo Demanda Industrial FED.BEB.01

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	901.559	98%	275.516	30%
10%	759.8878	83%	173.028	19%
20%	672.5524	73%	114.2732	12%
30%	697.92672	69%	73.641	8%
40%	589.7118	64%	24.537	3%
50%	517.393	56%	1.446	0%
60%	454.88	50%	0	0%
70%	373.1494	41%	0	0%
80%	309.7542	34%	0	0%
90%	181.7512	20%	0	0%
100%	17.649	2%	0	0%
Atend. Médio	517.393	56%	1.446	0%
Freq. de Falha	17.649	2%	0	0%
Demanda	917.568 x10³ m³/semestre		100.00%	59.00 l/s

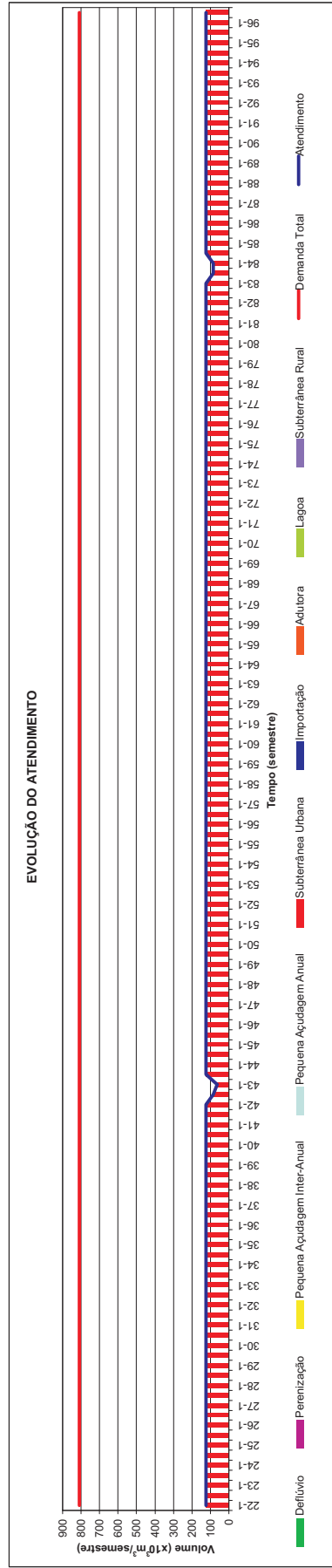
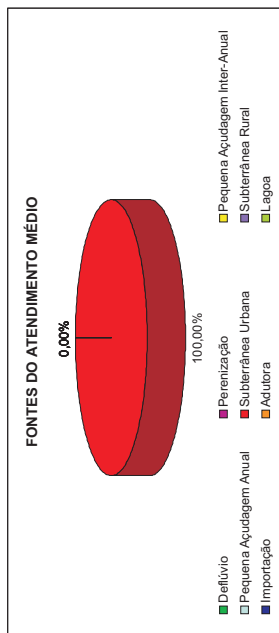
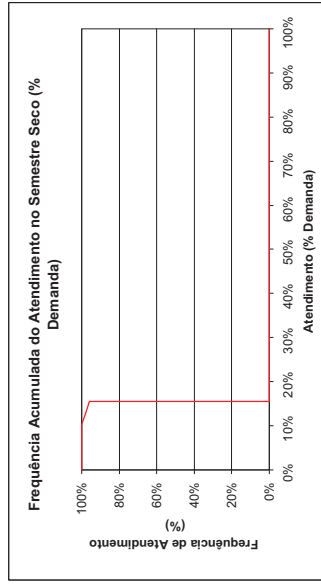
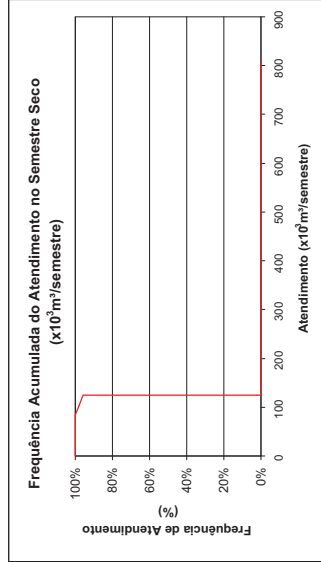
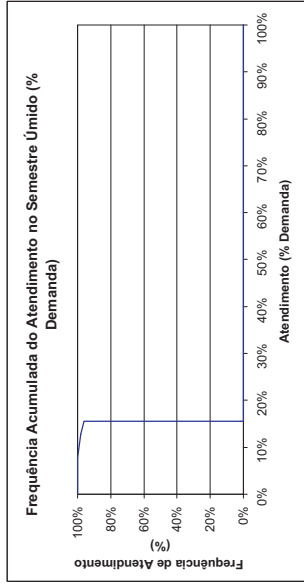
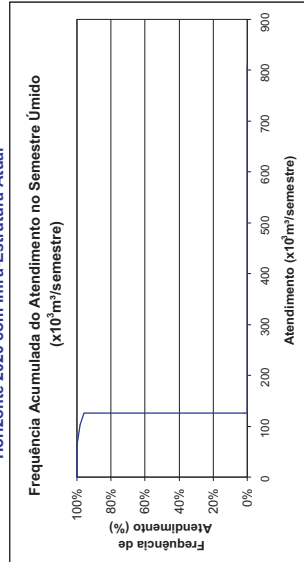




Cascavel Turismo Demanda Industrial FED.CAV01

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	125,287	15%	125,287	15%
10%	125,287	15%	125,287	15%
20%	125,287	15%	125,287	15%
30%	125,287	15%	125,287	15%
40%	125,287	15%	125,287	15%
50%	125,287	15%	125,287	15%
60%	125,287	15%	125,287	15%
70%	125,287	15%	125,287	15%
80%	125,287	15%	125,287	15%
90%	125,287	15%	125,287	15%
100%	62,643	8%	83,525	10%
Atend. Médio	125,287	15%	125,287	15%
Freq. de Falha	62,643	8%	83,525	10%
Demanda	808,704	x10³ m³/semestre	52,00	l/s

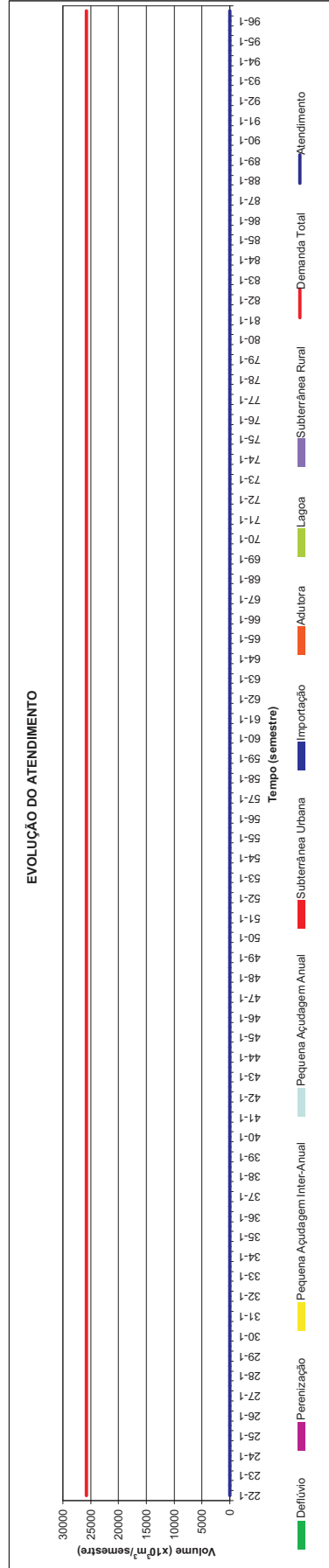
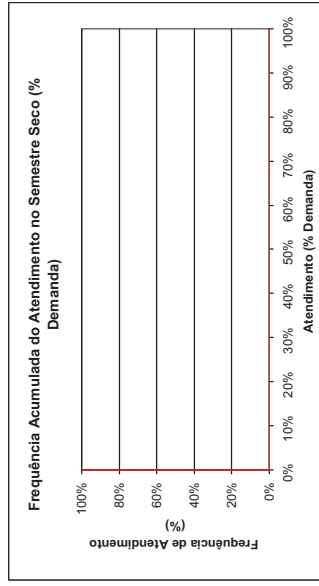
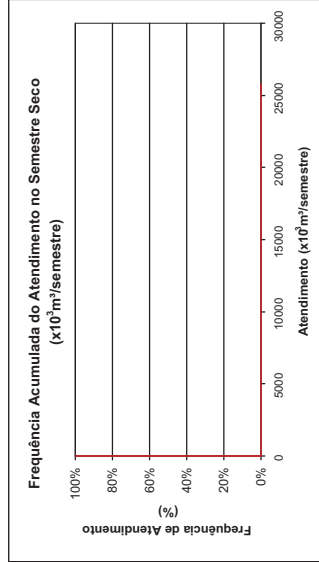
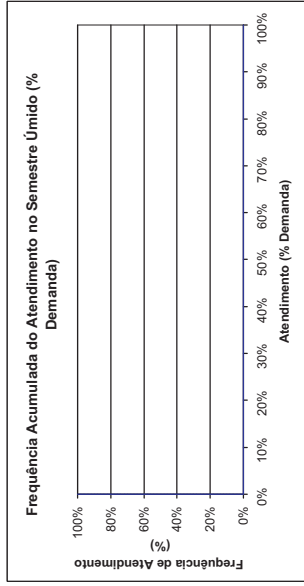
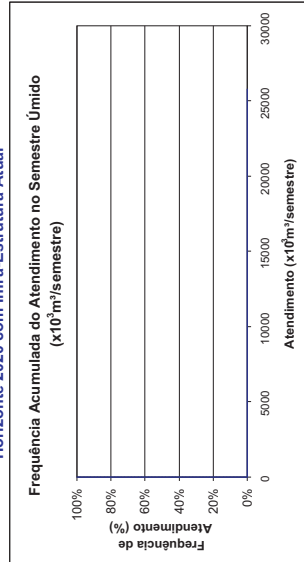




Caucaia Turismo Demanda Industrial FED.CAC.03

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	0	0%	0	0%
10%	0	0%	0	0%
20%	0	0%	0	0%
30%	0	0%	0	0%
40%	0	0%	0	0%
50%	0	0%	0	0%
60%	0	0%	0	0%
70%	0	0%	0	0%
80%	0	0%	0	0%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Médio	0	0%	0	0%
Freq. de Falha	0	0%	0	0%
Demanda	25.789.864	x10³ m³/semestre	1657.00	l/s

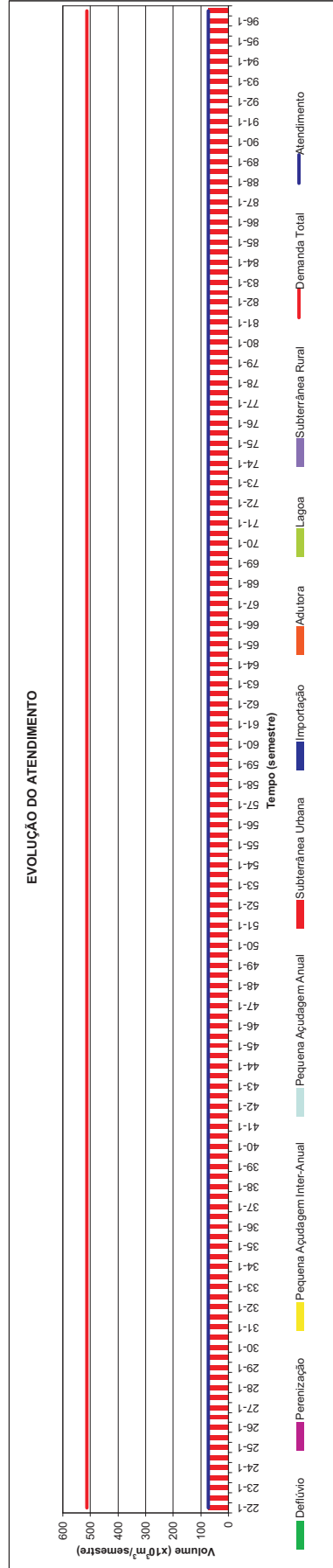
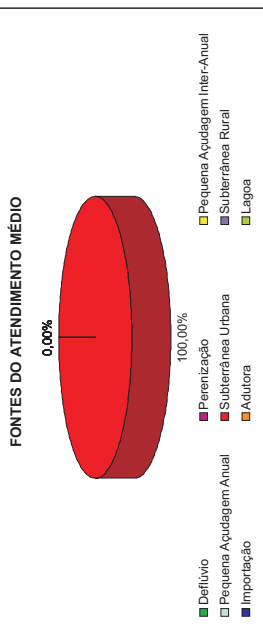
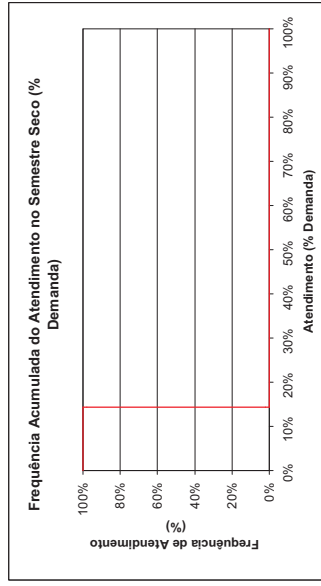
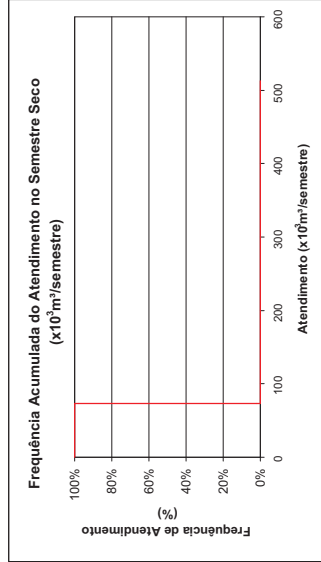
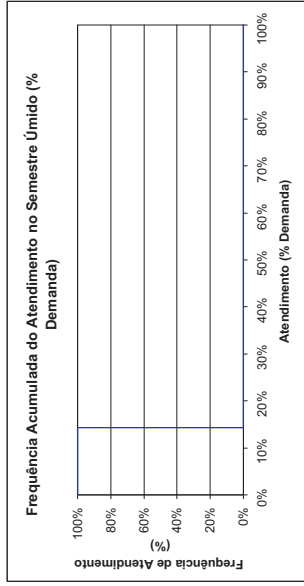
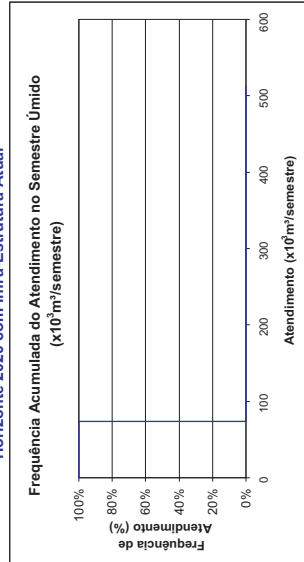




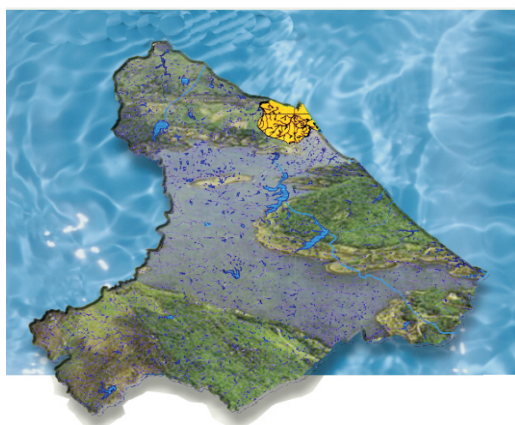
Pacoti Turismo
Demanda Industrial
MPA.PAO.01

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	73.566	14%	73.566	14%
10%	73.566	14%	73.566	14%
20%	73.566	14%	73.566	14%
30%	73.566	14%	73.566	14%
40%	73.566	14%	73.566	14%
50%	73.566	14%	73.566	14%
60%	73.566	14%	73.566	14%
70%	73.566	14%	73.566	14%
80%	73.566	14%	73.566	14%
90%	73.566	14%	73.566	14%
100%	73.566	14%	73.566	14%
Atend. Médio	73.566	14%	73.566	14%
Freq. de Falha	100,00%		100,00%	
Demanda	513,216 x10³ m³/semestre		33,00 l/s	



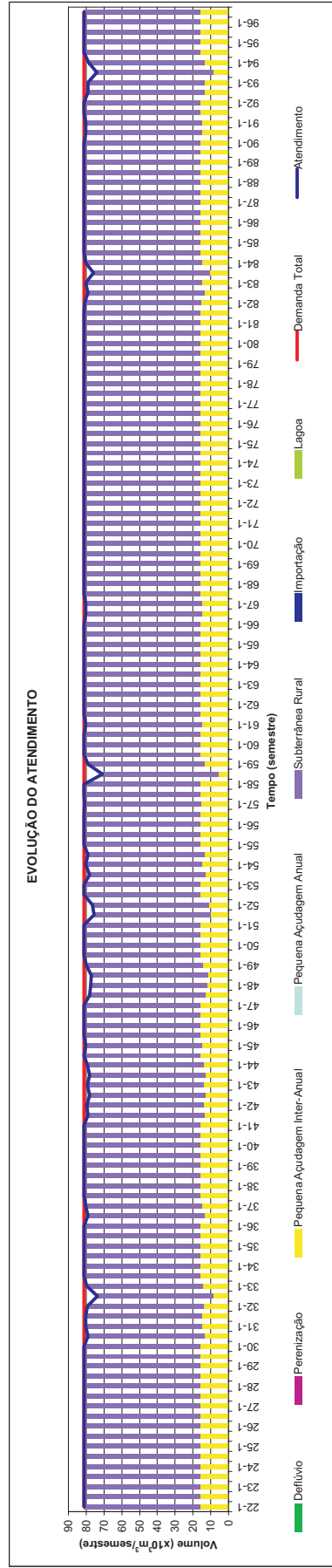
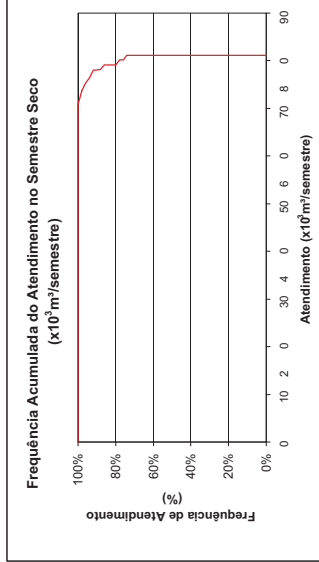
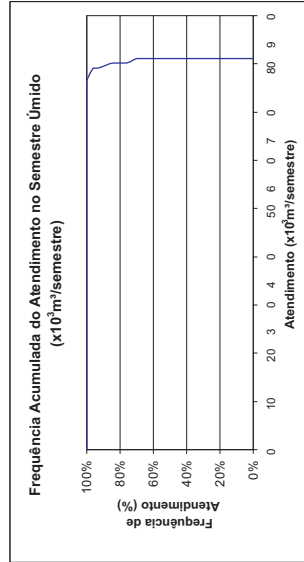
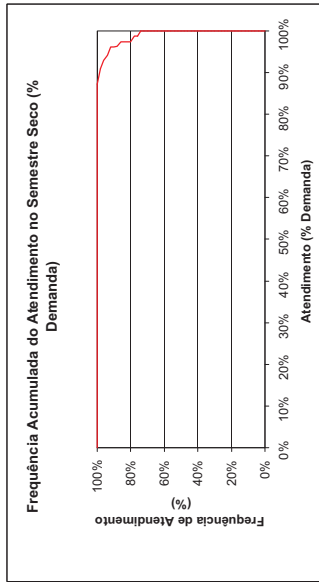
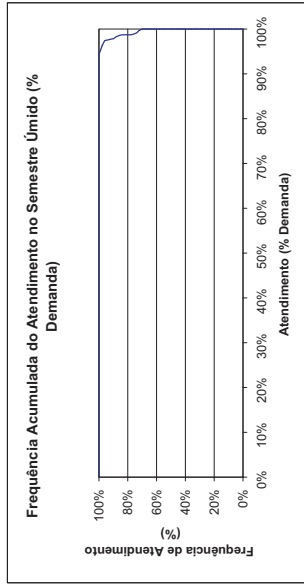
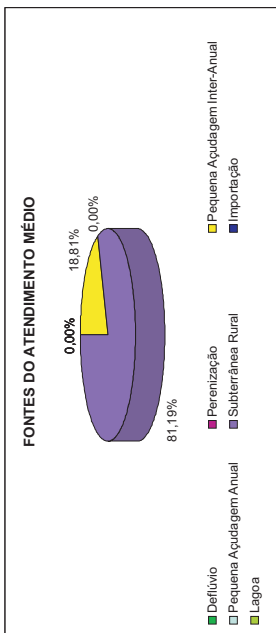
PLANO DE GERENCIAMENTO DAS ÁGUAS DAS BACIAS METROPOLITANAS





Acarape
Demanda Humana Rural - Consolidação por Município
 Horizonte 2020 com Infra-estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	81,168	-	81,168	-
10%	81,168	-	81,168	-
20%	81,168	-	81,168	-
30%	81,168	-	81,168	-
40%	81,168	-	81,168	-
50%	81,168	-	81,168	-
60%	81,168	-	81,168	-
70%	81,168	-	81,168	-
80%	80,1376	-	79,104	-
90%	79,4822	-	78,0968	-
100%	76,577	-	70,8	-
Atend. Mínimo	81,168	-	81,168	-
Freq. de Falha	76,577	-	70,8	-
Demanda	29,33%	81,168 x10³m³/semestre	25,33%	5,22 l/s



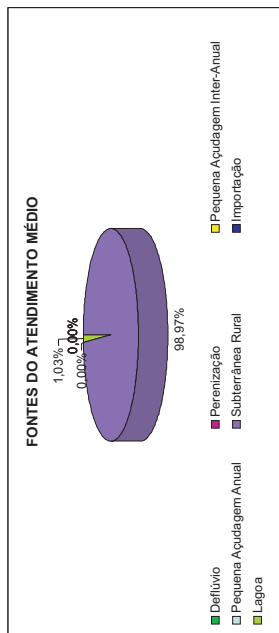
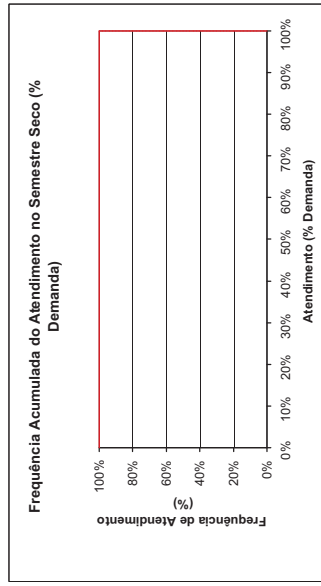
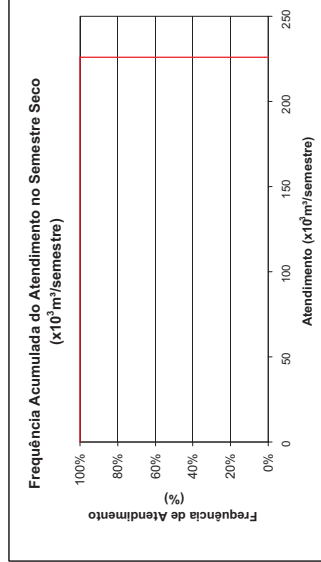
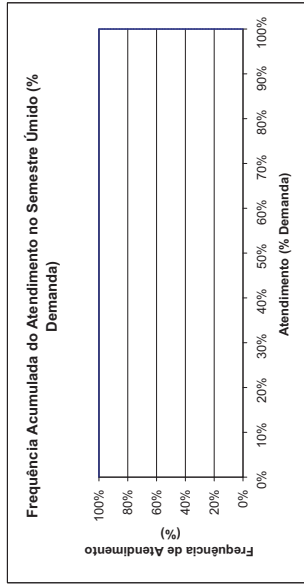
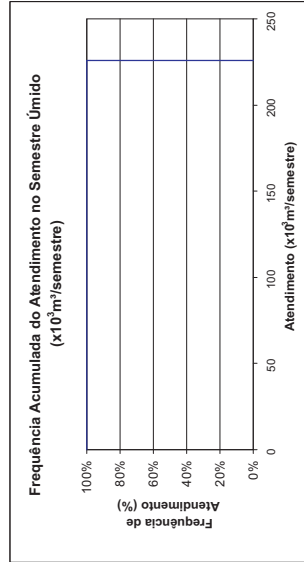


Aquiraz

Demanda Humana Rural - Consolidação por Município

Horizonte 2020 com Infra-estrutura Atual

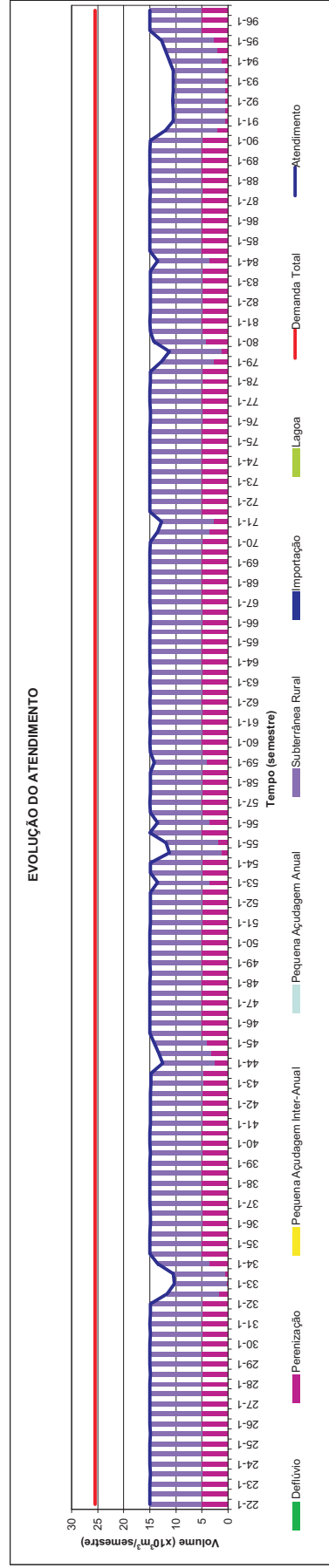
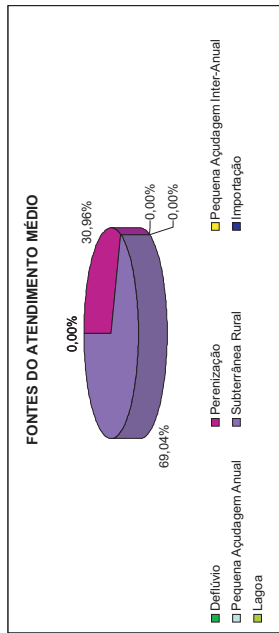
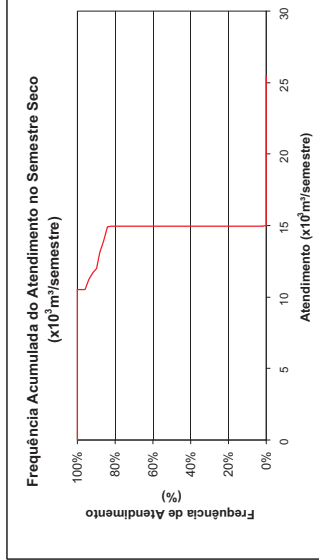
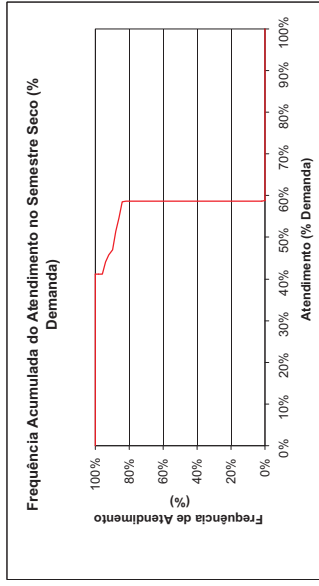
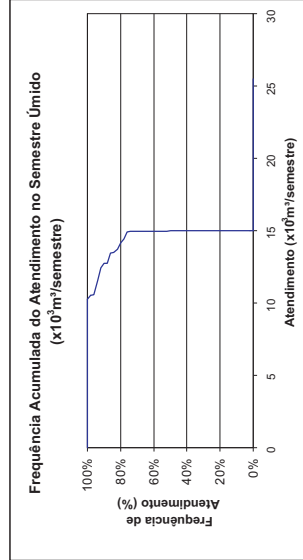
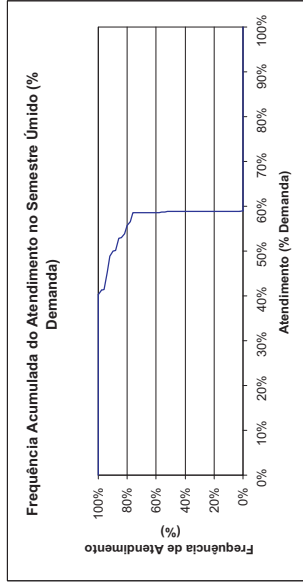
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	225.93	-	225.93	-
10%	225.93	-	225.93	-
20%	225.93	-	225.93	-
30%	225.93	-	225.93	-
40%	225.93	-	225.93	-
50%	225.93	-	225.93	-
60%	225.93	-	225.93	-
70%	225.93	-	225.93	-
80%	225.93	-	225.93	-
90%	225.93	-	225.93	-
100%	225.93	-	225.93	-
Atend. Médio	225.93	-	225.93	-
Freq. de Falha	0,00%	-	0,00%	-
Demanda	225.930 x10³ m³/semestre		14.53 l/s	





Aracati
Demanda Humana Rural - Consolidação por Município
 Horizonte 2020 com Infra-estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	15,021	-	14,978	-
10%	15,007	-	14,963	-
20%	14,992	-	14,954	-
30%	14,978	-	14,949	-
40%	14,978	-	14,949	-
50%	14,978	-	14,935	-
60%	14,935	-	14,935	-
70%	14,935	-	14,935	-
80%	14,177	-	14,935	-
90%	12,7352	-	11,9906	-
100%	10,274	-	10,502	-
Atend. Médio	14,978	-	14,935	-
Freq. de Falha	10,274	-	10,502	-
Demanda	100,00%	25,470 x10³m³/semestre	100,00%	1,64 l/s



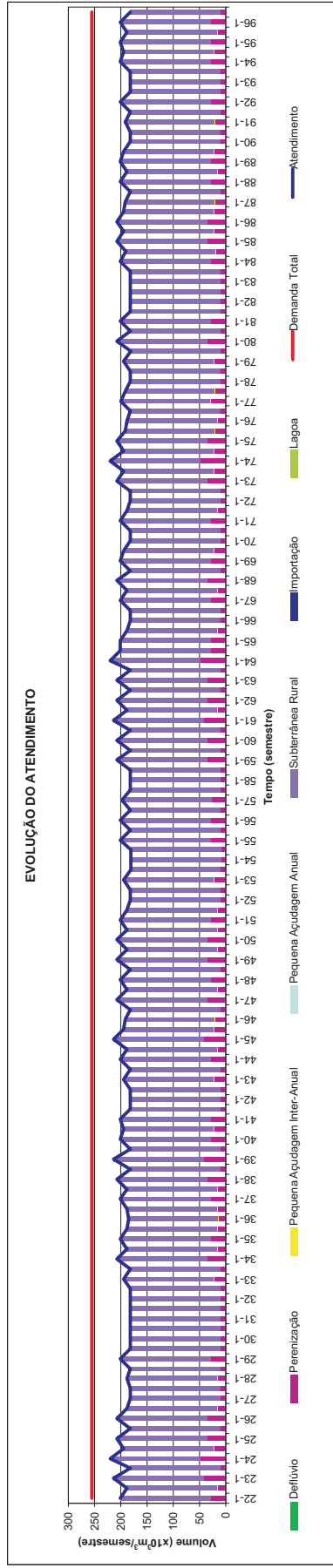
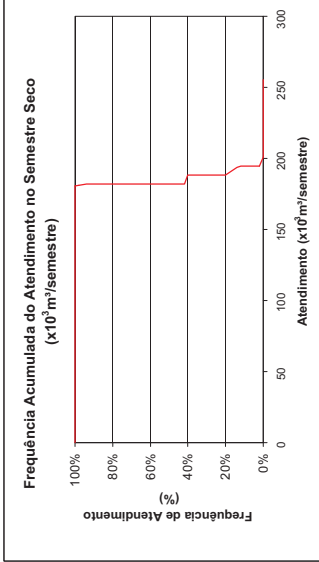
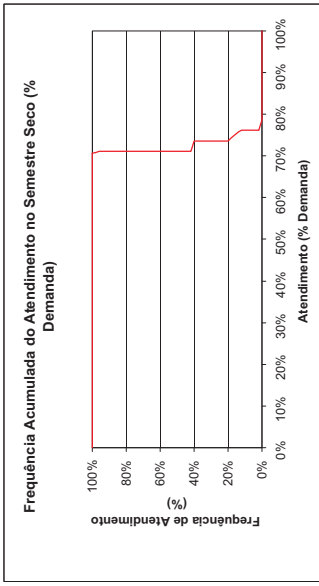
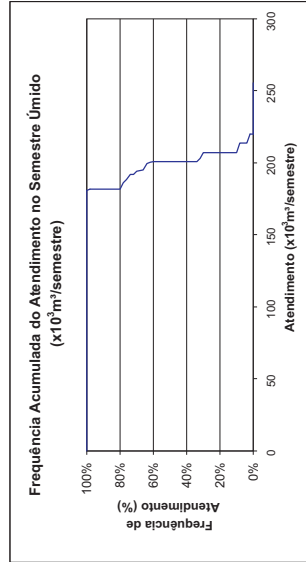
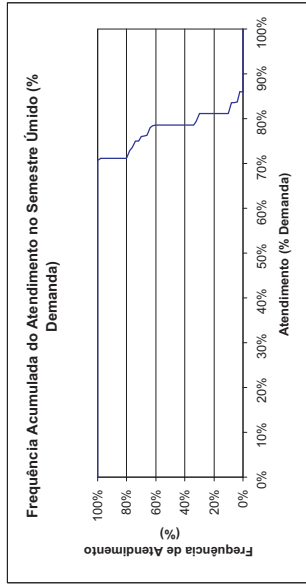
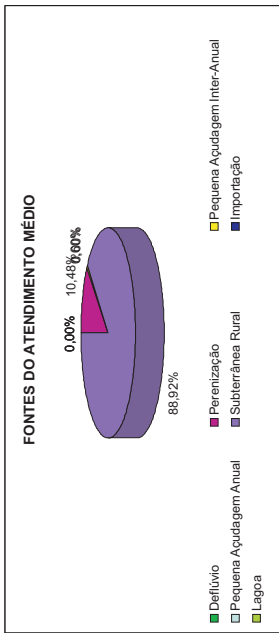


Aracoiaba

Demanda Humana Rural - Consolidação por Município

Horizonte 2020 com Infra-estrutura Atual

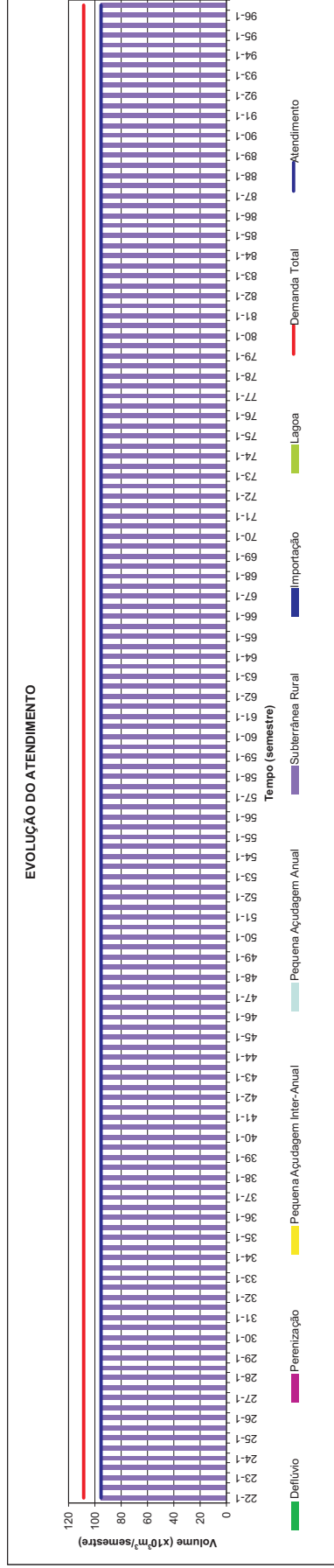
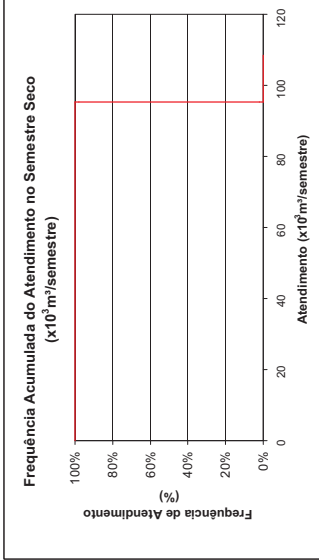
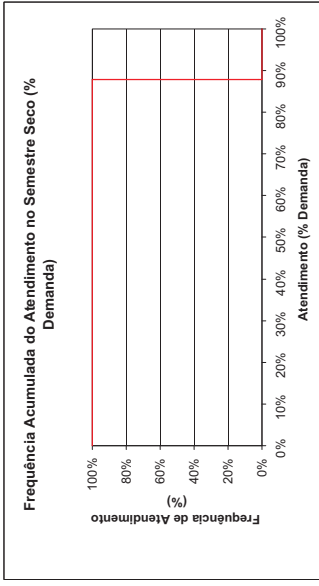
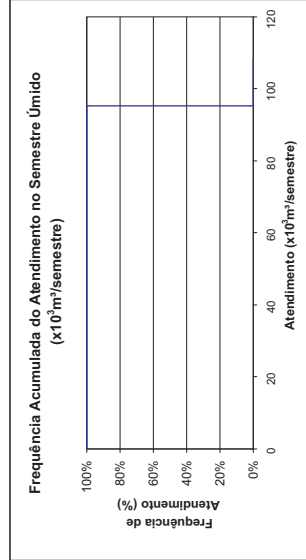
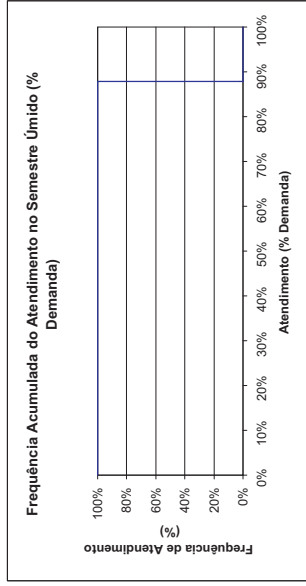
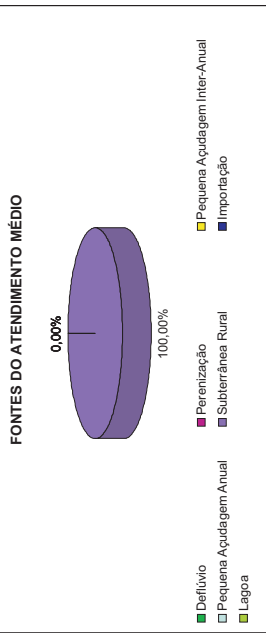
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ⁶ m ³ /Semestre	% Demanda	x10 ⁶ m ³ /Semestre	% Demanda
0%	220,014	-	200,952	-
10%	207,306	-	194,598	-
20%	207,306	-	188,244	-
30%	207,306	-	188,244	-
40%	200,952	-	188,244	-
50%	200,952	-	181,89	-
60%	200,952	-	181,89	-
70%	194,2812	-	181,89	-
80%	181,89	-	181,89	-
90%	181,89	-	181,89	-
100%	180,702	-	180,702	-
Atend. Mínimo	200,952	-	181,89	-
Freq. de Falha	180,702	-	180,702	-
Demanda	100,00%	255,618 x10⁶m³/semestre	100,00%	16,44 l/s





Aratuba Demanda Humana Rural - Consolidação por Município Horizonte 2020 com Infra-estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ⁶ m ³ /Semestre	% Demanda	x10 ⁶ m ³ /Semestre	% Demanda
0%	95,244	-	95,244	-
10%	95,244	-	95,244	-
20%	95,244	-	95,244	-
30%	95,244	-	95,244	-
40%	95,244	-	95,244	-
50%	95,244	-	95,244	-
60%	95,244	-	95,244	-
70%	95,244	-	95,244	-
80%	95,244	-	95,244	-
90%	95,244	-	95,244	-
100%	95,244	-	95,244	-
Atend. Médio	95,244	-	95,244	-
Atend. Mínimo	95,244	-	95,244	-
Freq. de Falha	100,00%	-	100,00%	-
Demanda	108,390	x10⁶m³/semestre	6,97	l/s



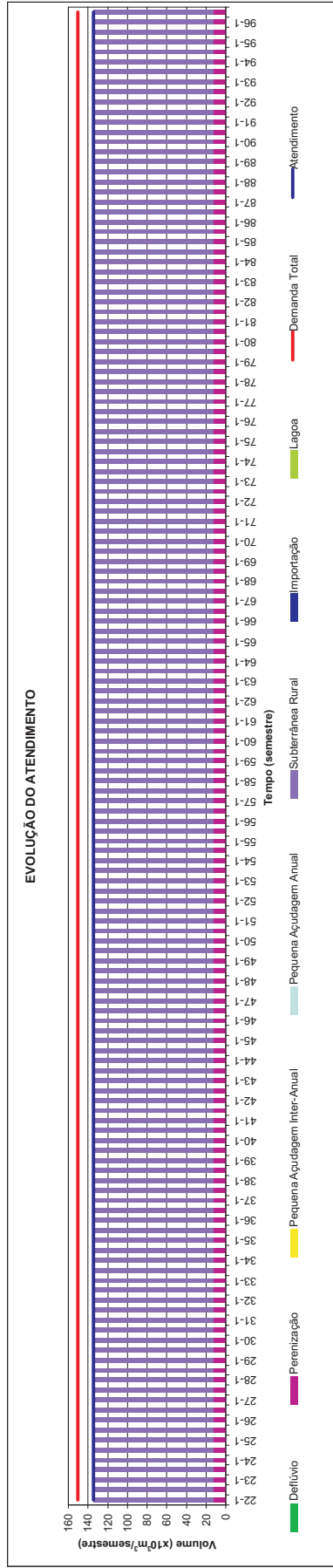
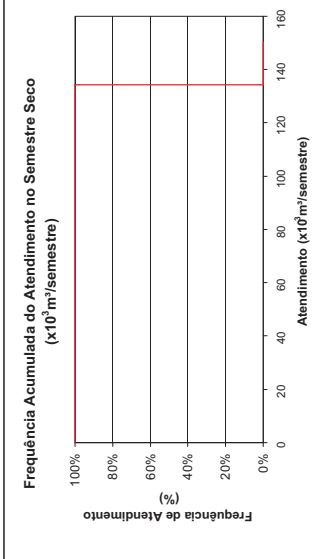
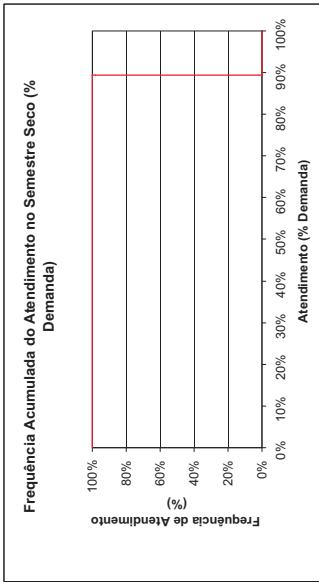
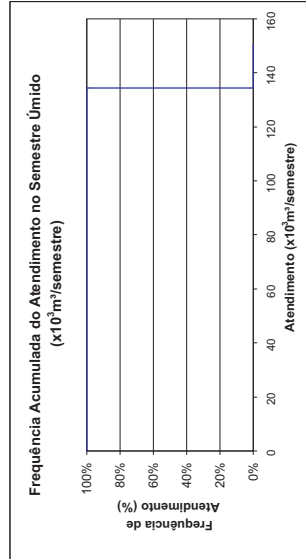
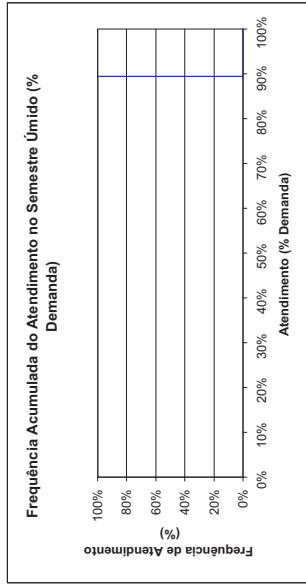
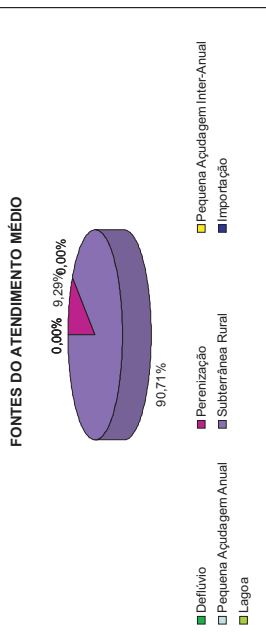


Barreira

Demanda Humana Rural - Consolidação por Município

Horizonte 2020 com Infra-estrutura Atual

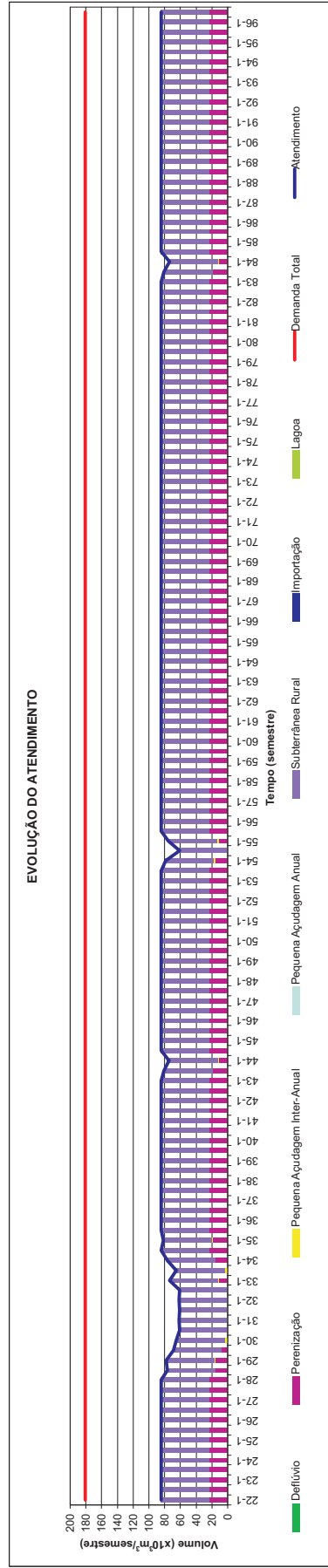
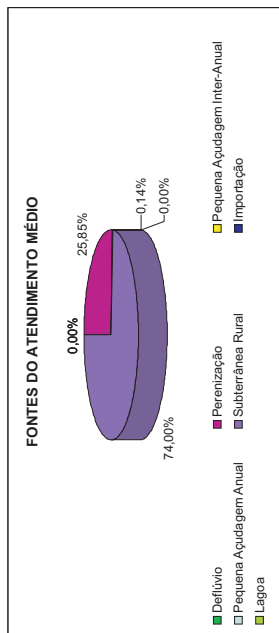
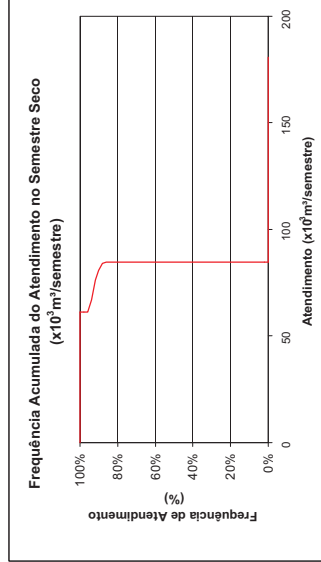
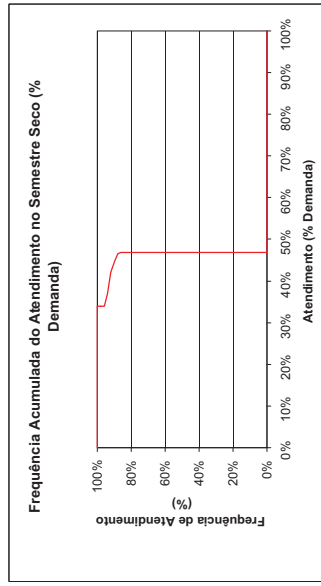
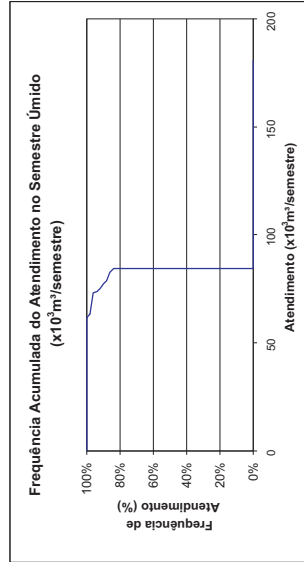
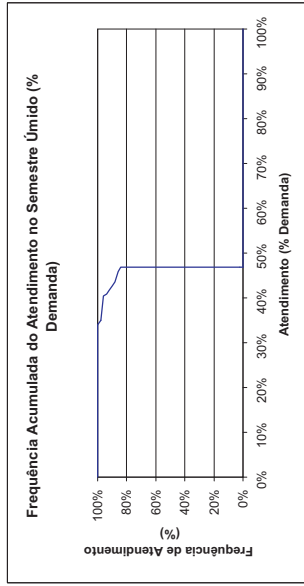
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	134,4	-	134,4	-
10%	134,4	-	134,4	-
20%	134,4	-	134,4	-
30%	134,4	-	134,4	-
40%	134,4	-	134,4	-
50%	134,4	-	134,4	-
60%	134,4	-	134,4	-
70%	134,4	-	134,4	-
80%	134,4	-	134,4	-
90%	134,4	-	134,4	-
100%	134,4	-	134,4	-
Atend. Mínimo	134,4	-	134,4	-
Freq. de Falha	134,4	-	134,4	-
Demanda	140,00%	150,336 x10³m³/semestre	100,00%	9,67 l/s





Baturité
Demanda Humana Rural - Consolidação por Município
 Horizonte 2020 com Infra-estrutura Atual

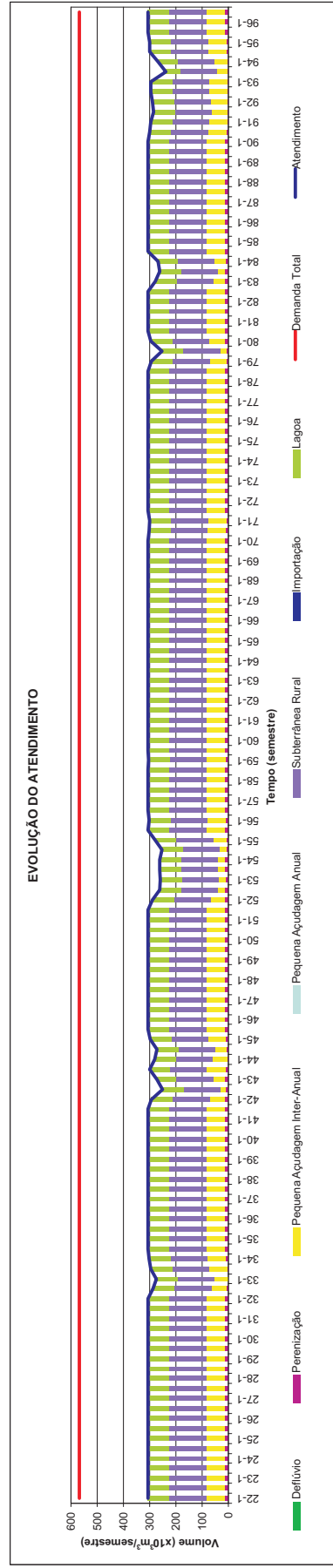
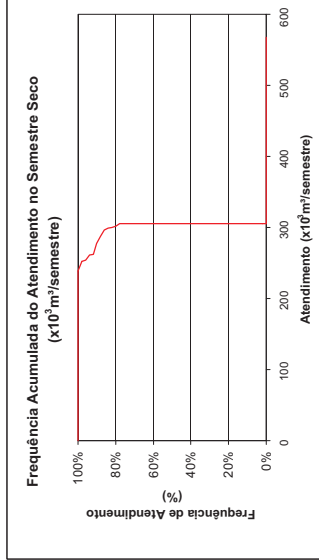
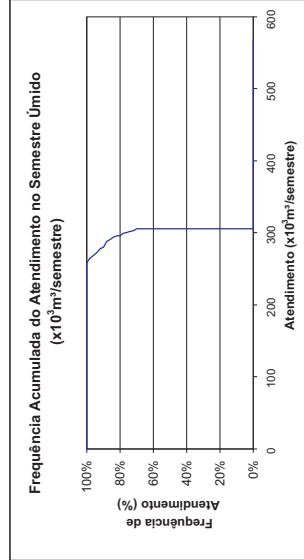
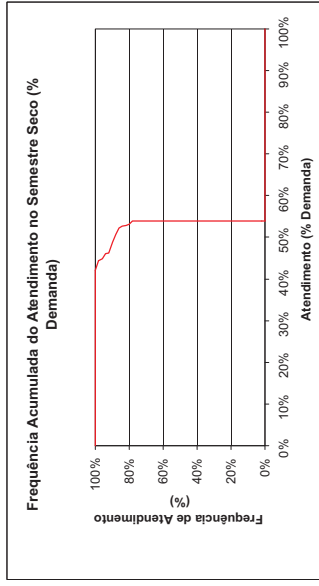
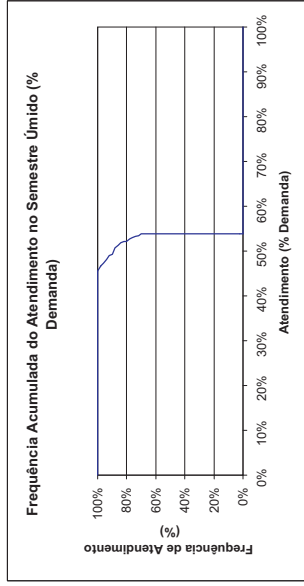
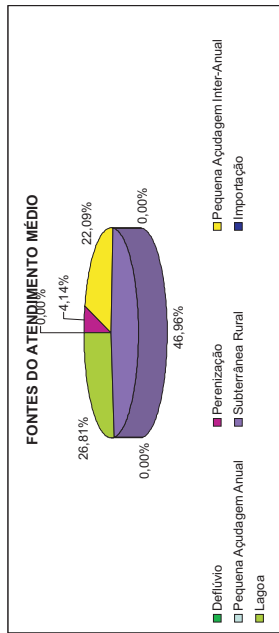
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	84.588	-	84.588	-
10%	84.588	-	84.588	-
20%	84.588	-	84.588	-
30%	84.588	-	84.588	-
40%	84.588	-	84.588	-
50%	84.588	-	84.588	-
60%	84.588	-	84.588	-
70%	84.588	-	84.588	-
80%	84.588	-	84.588	-
90%	77.2318	-	80.7476	-
100%	61.545	-	61.248	-
Atend. Médio	84.588	-	84.588	-
Atend. Mínimo	61.545	-	61.248	-
Freq. de Falha	100,00%	-	100,00%	-
Demanda	180.786	x10³m³/semestre	11.62	l/s





Beberibe Demanda Humana Rural - Consolidação por Município Horizonte 2020 com Infra-estrutura Atual

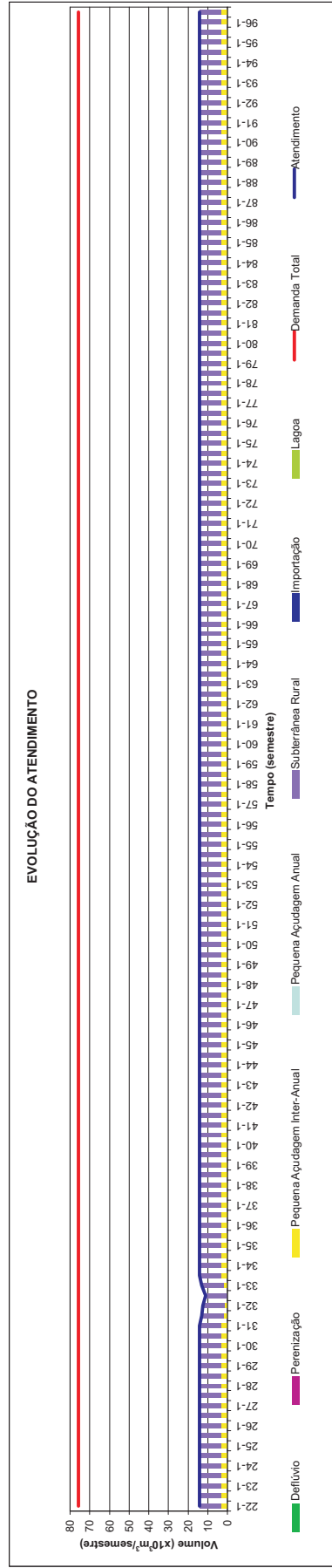
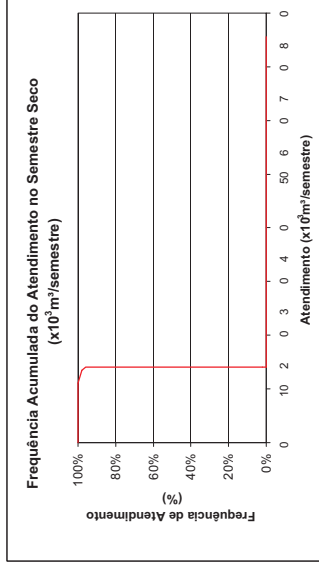
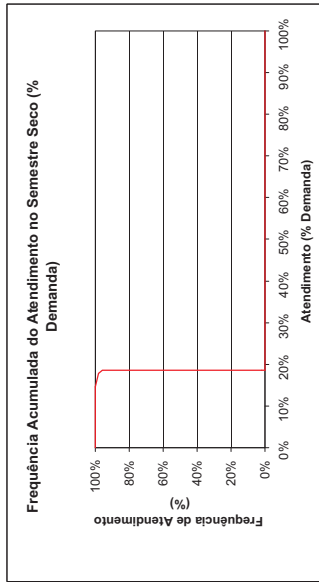
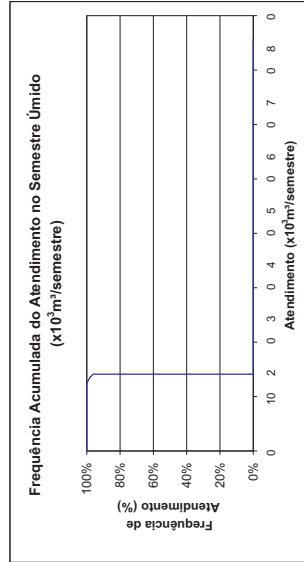
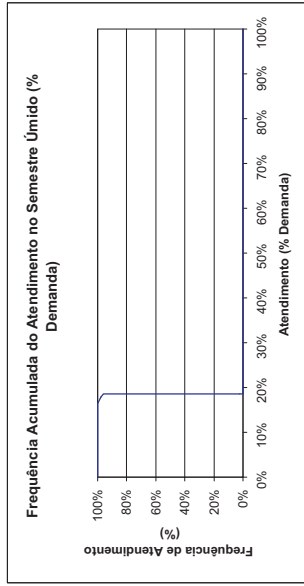
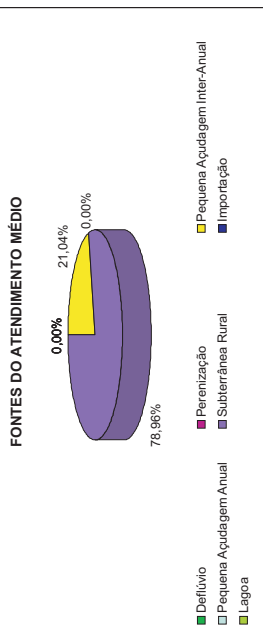
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	305,465	-	305,46	-
10%	305,463	-	305,458	-
20%	305,462	-	305,457	-
30%	305,462	-	305,457	-
40%	305,46	-	305,457	-
50%	305,46	-	305,455	-
60%	305,455	-	305,455	-
70%	305,455	-	305,455	-
80%	296,108	-	301,9188	-
90%	279,8432	-	277,407	-
100%	258,742	-	238,658	-
Atend. Mínimo	305,46	-	305,455	-
Freq. de Falha	288,742	-	238,658	-
Demanda	100,00%	-	100,00%	-
	587,276	x10 ³ m ³ /semestre	36,48	l/s





Canindé Demanda Humana Rural - Consolidação por Município Horizonte 2020 com Infra-estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	14,088	-	14,088	-
10%	14,088	-	14,088	-
20%	14,088	-	14,088	-
30%	14,088	-	14,088	-
40%	14,088	-	14,088	-
50%	14,088	-	14,088	-
60%	14,088	-	14,088	-
70%	14,088	-	14,088	-
80%	14,088	-	14,088	-
90%	14,088	-	14,088	-
100%	12,44	-	11,088	-
Atend. Mínimo	14,088	-	14,088	-
Freq. de Falha	100,00%	-	100,00%	-
Demanda	75,618	x10³m³/semestre	4,86	l/s



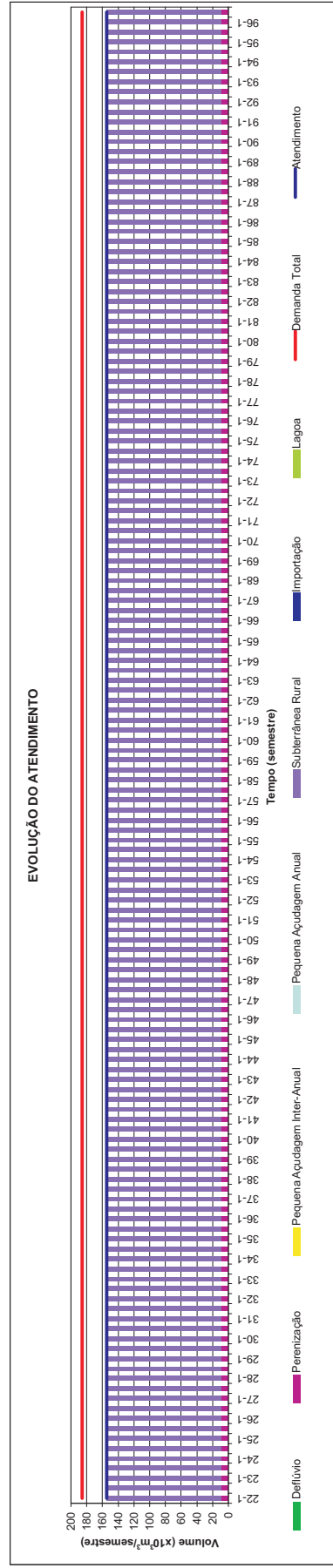
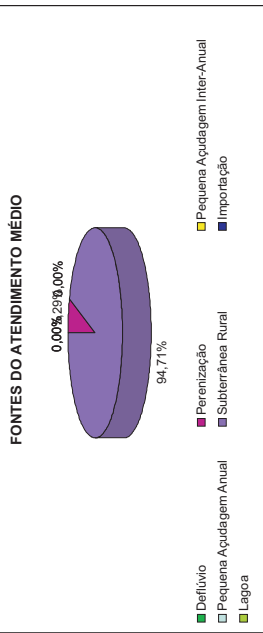
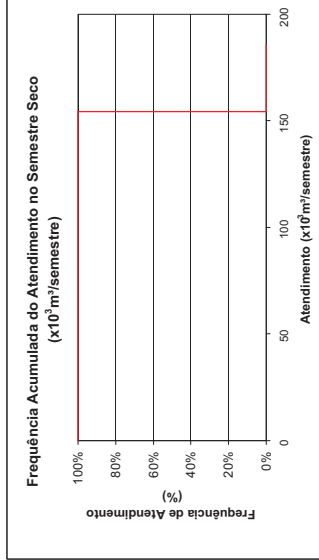
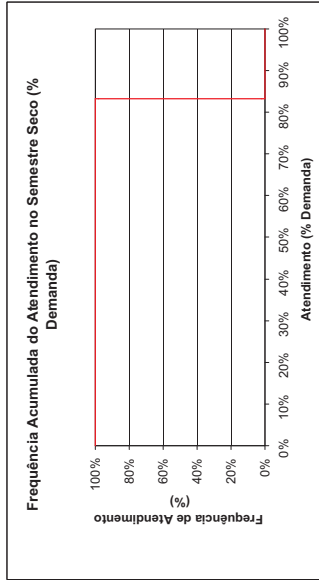
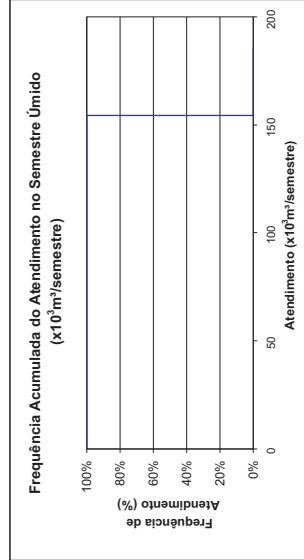
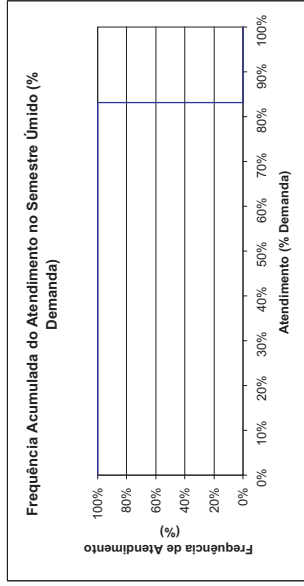


Capistrano

Demanda Humana Rural - Consolidação por Município

Horizonte 2020 com Infra-estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	154.434	-	154.434	-
10%	154.434	-	154.434	-
20%	154.434	-	154.434	-
30%	154.434	-	154.434	-
40%	154.434	-	154.434	-
50%	154.434	-	154.434	-
60%	154.434	-	154.434	-
70%	154.434	-	154.434	-
80%	154.434	-	154.434	-
90%	154.434	-	154.434	-
100%	154.434	-	154.434	-
Atend. Mínimo	154.434	-	154.434	-
Freq. de Falha	154.434	-	154.434	-
Demanda	185.622	x10³ m³/semestre	100,00%	11.94
				l/s



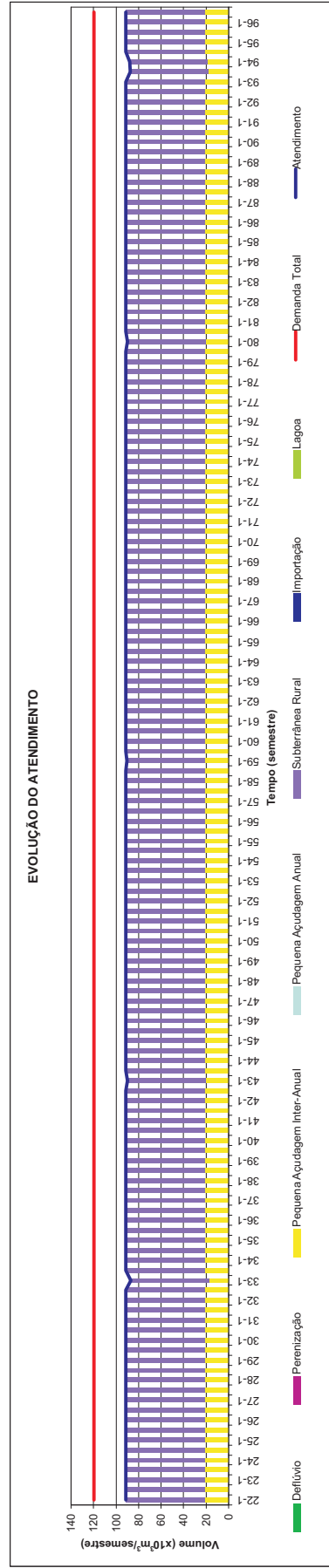
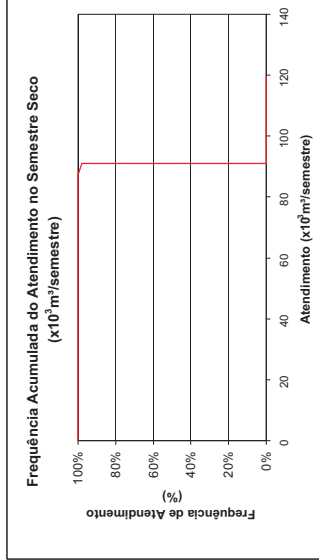
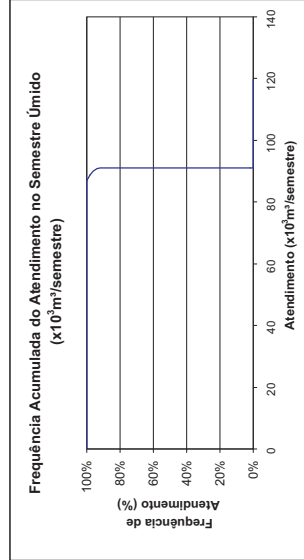
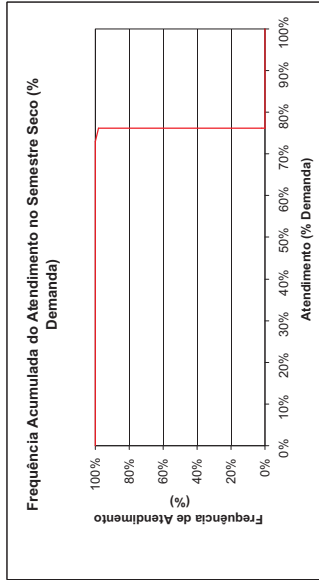
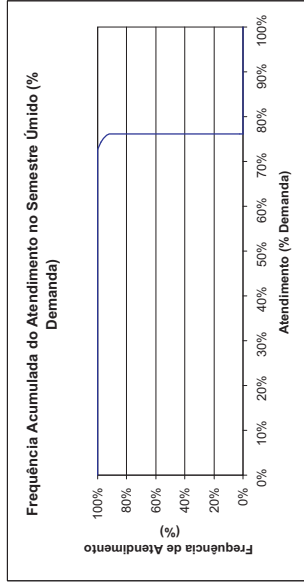
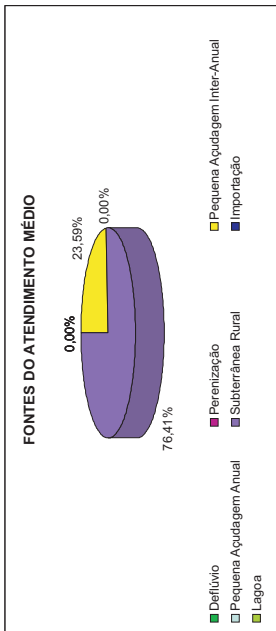


Cascavel

Demanda Humana Rural - Consolidação por Município

Horizonte 2020 com Infra-estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	91,116	-	91,116	-
10%	91,116	-	91,116	-
20%	91,116	-	91,116	-
30%	91,116	-	91,116	-
40%	91,116	-	91,116	-
50%	91,116	-	91,116	-
60%	91,116	-	91,116	-
70%	91,116	-	91,116	-
80%	91,116	-	91,116	-
90%	91,116	-	91,116	-
100%	86,94	-	87,263	-
Atend. Médio	91,116	-	91,116	-
Atend. Mínimo	86,94	-	87,263	-
Freq. de Falha	100,00%	-	100,00%	-
Demanda	119,664	x10³m³/semestre	7,69	l/s



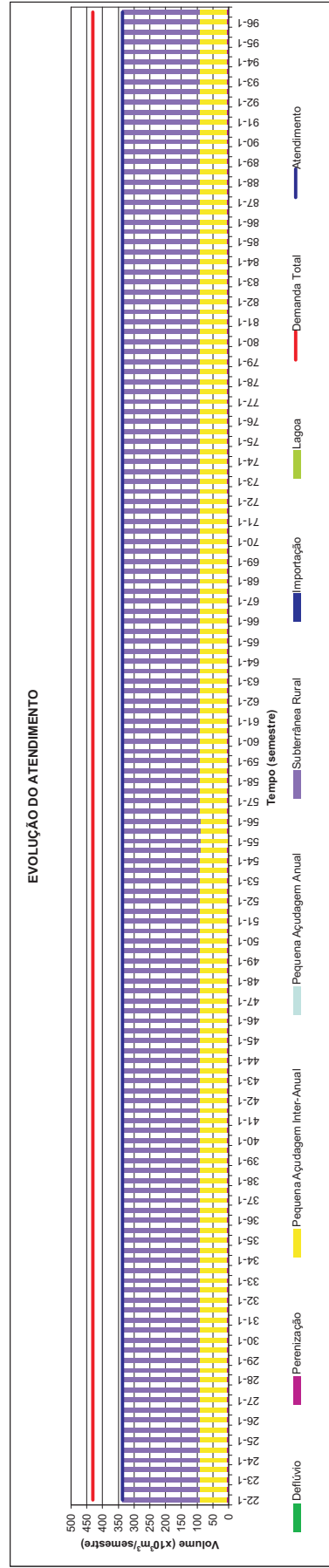
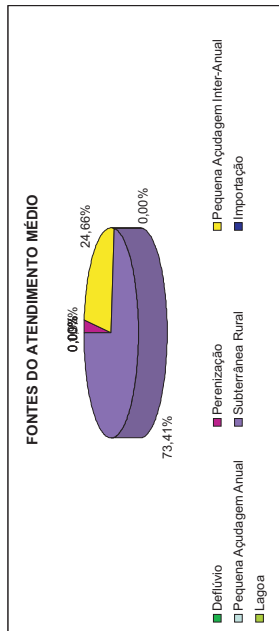
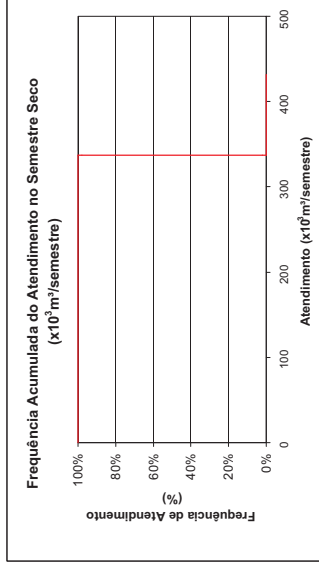
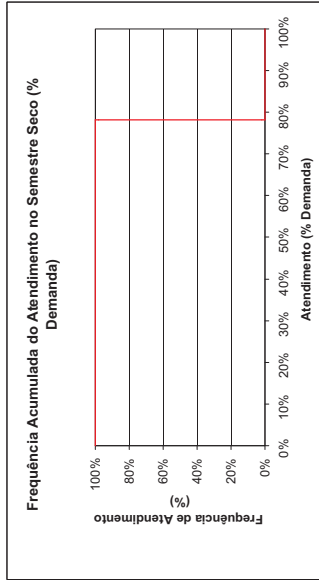
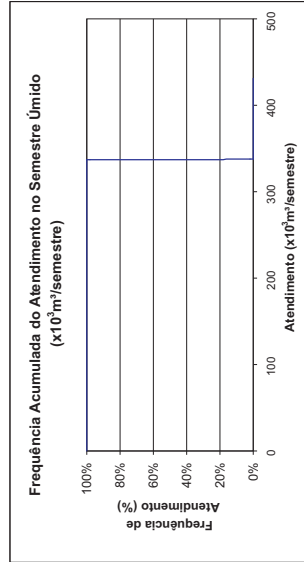
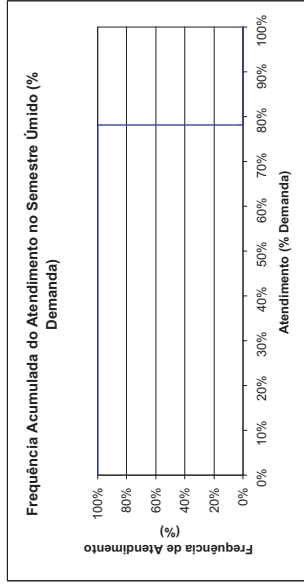


Caucaia

Demanda Humana Rural - Consolidação por Município

Horizonte 2020 com Infra-estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ⁶ m ³ /Semestre	% Demanda	x10 ⁶ m ³ /Semestre	% Demanda
0%	337,415	-	337,365	-
10%	337,4116	-	337,3426	-
20%	337,4062	-	337,3342	-
30%	337,407	-	337,324	-
40%	337,3983	-	337,307	-
50%	337,384	-	337,304	-
60%	337,3806	-	337,301	-
70%	337,376	-	337,2944	-
80%	337,3686	-	337,291	-
90%	337,3508	-	337,282	-
100%	337,011	-	337,101	-
Atend. Médio	337,384	-	337,304	-
Atend. Mínimo	337,011	-	337,101	-
Demanda	431,400	100,00%	431,400	100,00%
Freq. de Falha				27,74 l/s



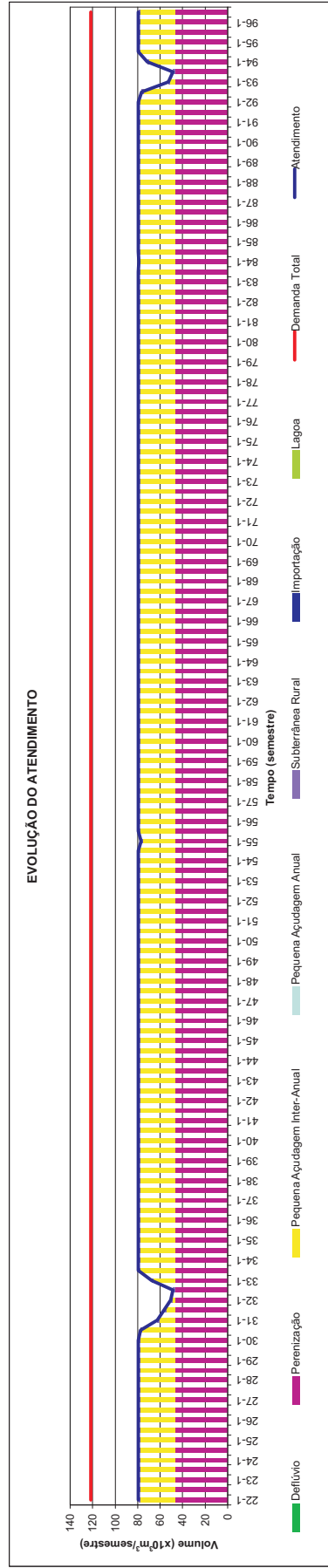
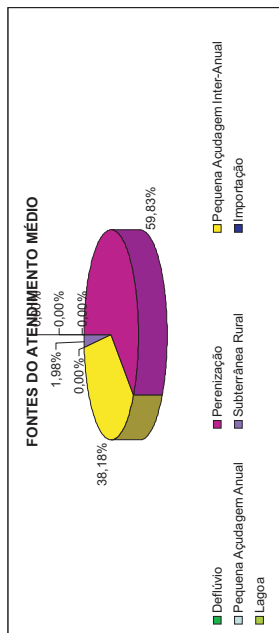
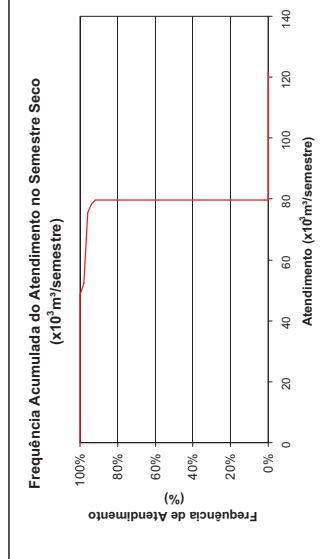
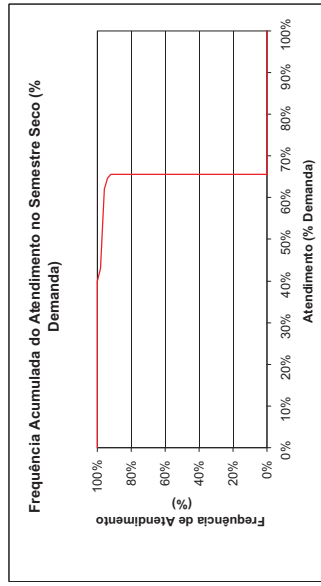
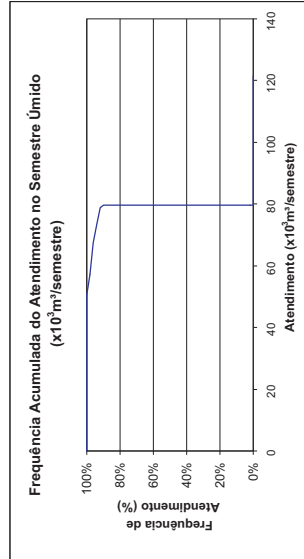
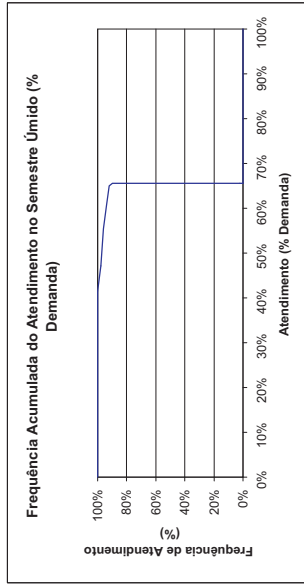


Choró

Demanda Humana Rural - Consolidação por Município

Horizonte 2020 com Infra-estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	79.662	-	79.662	-
10%	79.662	-	79.662	-
20%	79.662	-	79.662	-
30%	79.662	-	79.662	-
40%	79.662	-	79.662	-
50%	79.662	-	79.662	-
60%	79.662	-	79.662	-
70%	79.662	-	79.662	-
80%	79.662	-	79.662	-
90%	79.662	-	79.662	-
100%	50.553	-	48.468	-
Atend. Médio	79.662	-	79.662	-
Atend. Mínimo	50.553	-	48.468	-
Freq. de Falha	100,00%	-	100,00%	-
Demanda	121.446	x10³m³/semestre	7.81	l/s



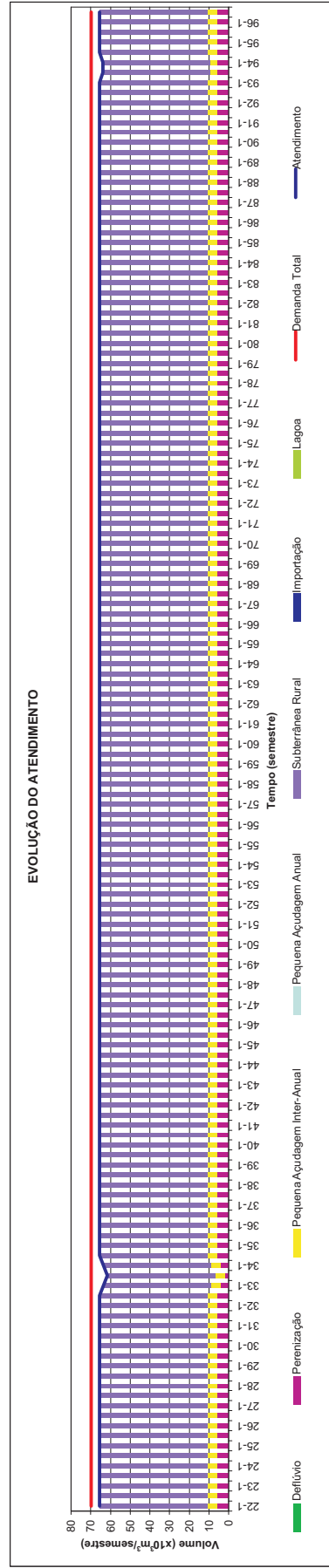
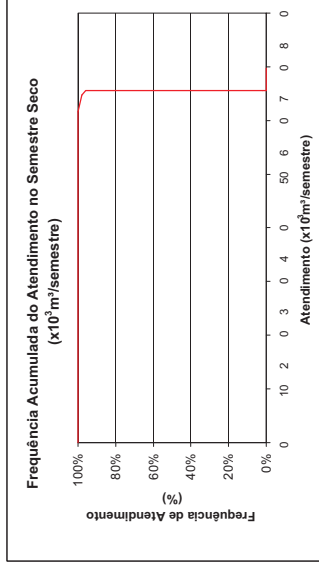
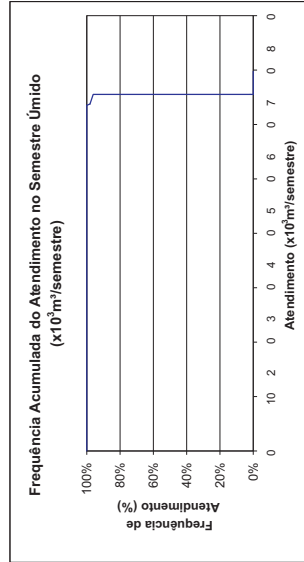
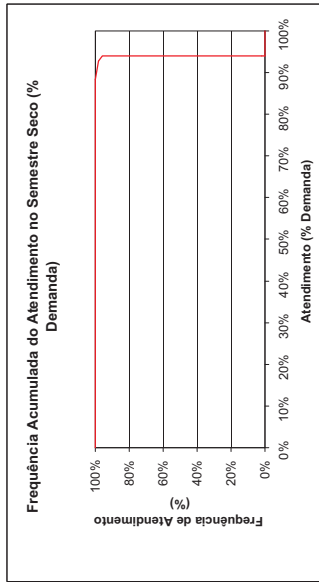
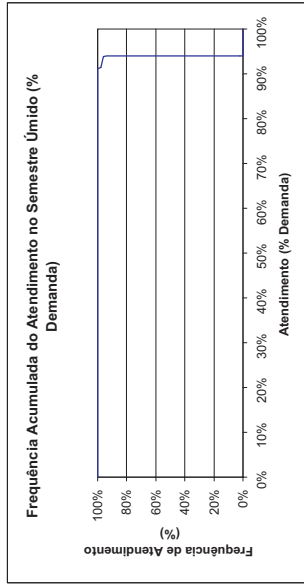
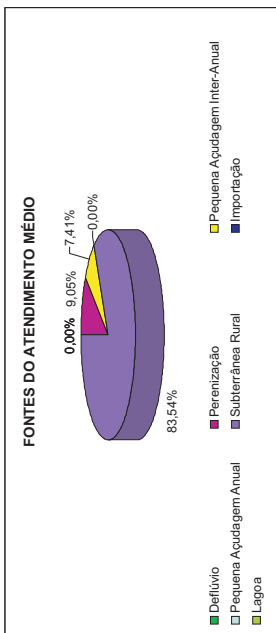


Chorozinho

Demanda Humana Rural - Consolidação por Município

Horizonte 2020 com Infra-estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	65.574	-	65.574	-
10%	65.574	-	65.574	-
20%	65.574	-	65.574	-
30%	65.574	-	65.574	-
40%	65.574	-	65.574	-
50%	65.574	-	65.574	-
60%	65.574	-	65.574	-
70%	65.574	-	65.574	-
80%	65.574	-	65.574	-
90%	65.574	-	65.574	-
100%	63.58	-	61.586	-
Atend. Médio	65.574	-	65.574	-
Atend. Mínimo	63.58	-	61.586	-
Demanda	100,00%	100,00%	100,00%	100,00%
Freq. de Falha	69.780	x10 ³ m ³ /semestre	4.49	l/s



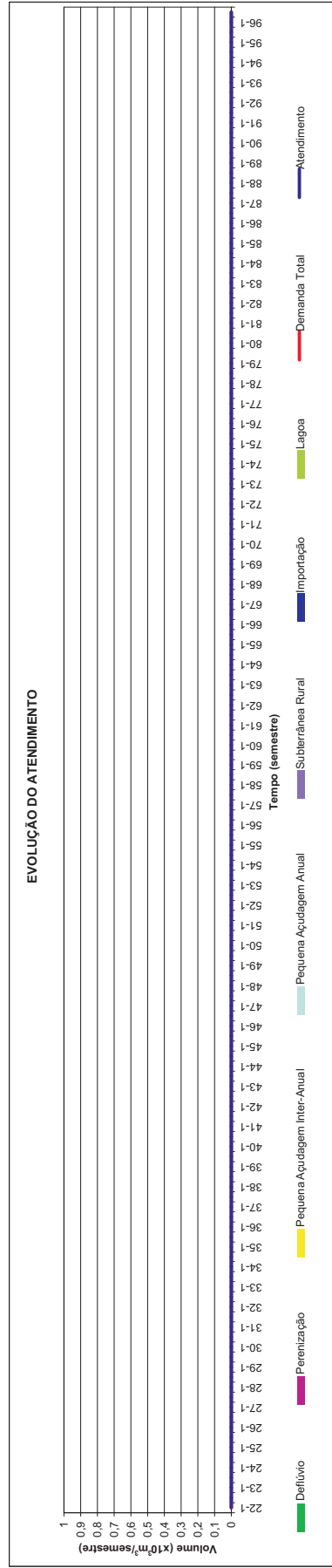
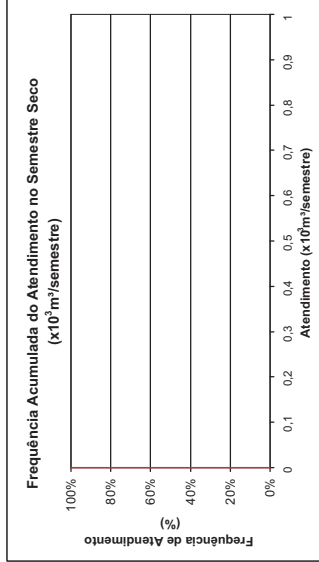
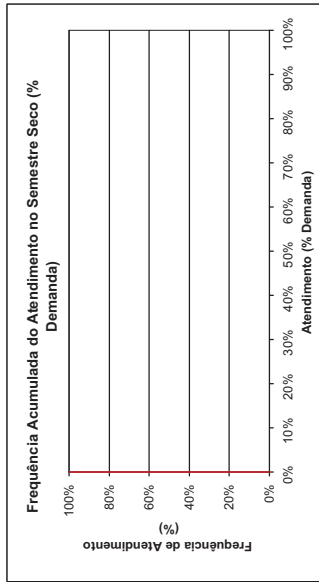
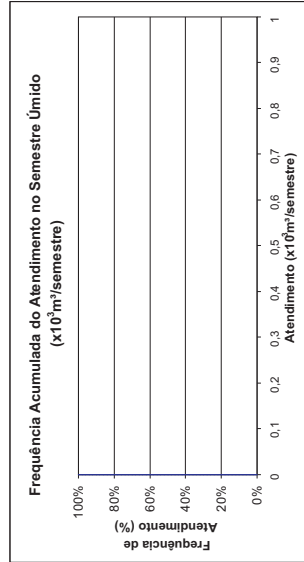
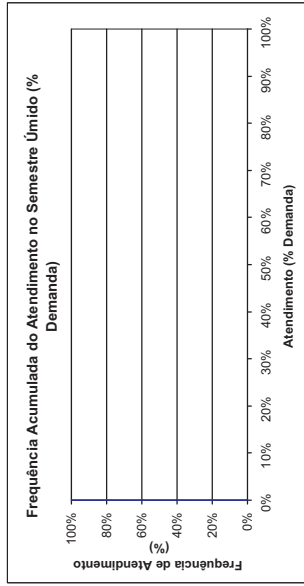
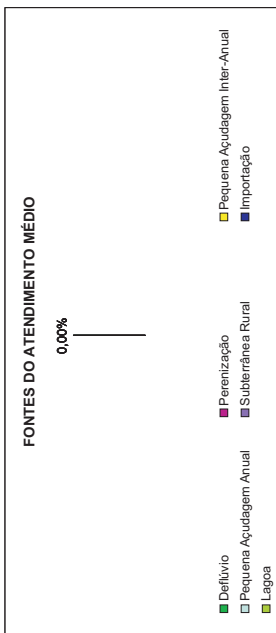


Eusébio

Demanda Humana Rural - Consolidação por Município

Horizonte 2020 com Infra-estrutura Atual

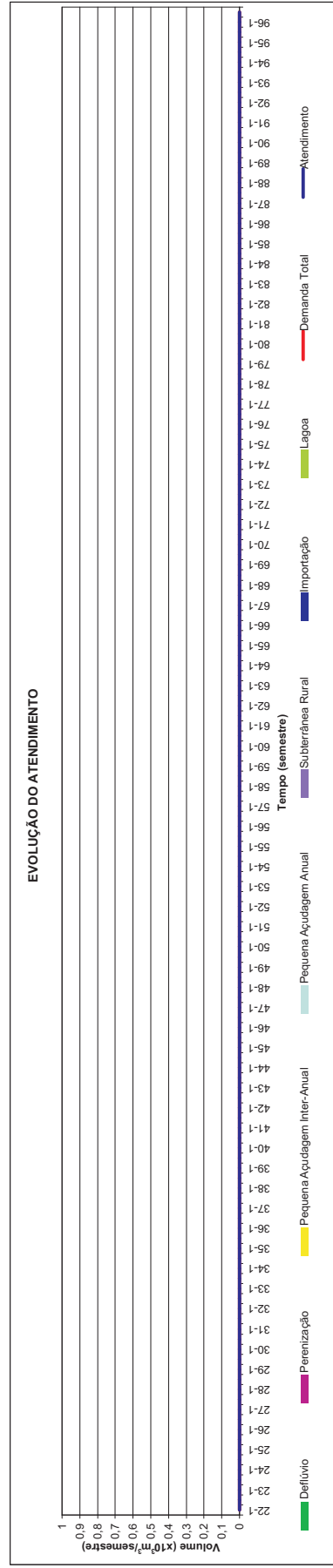
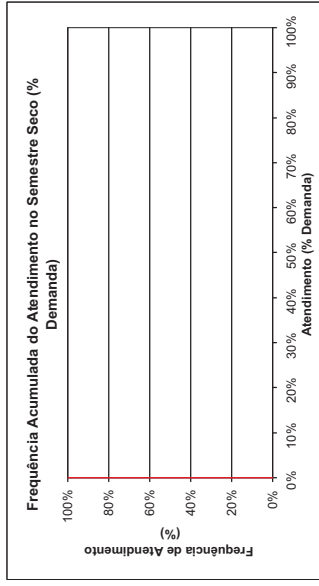
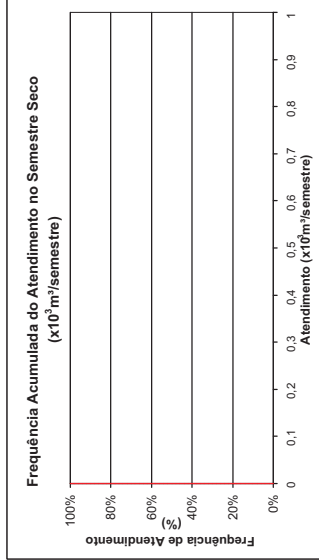
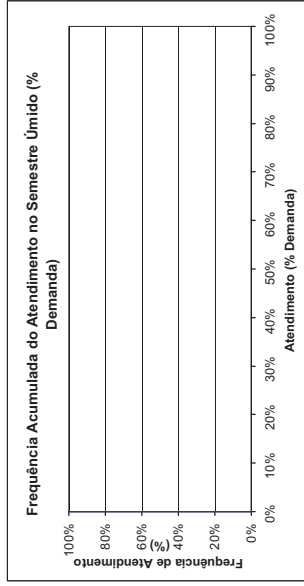
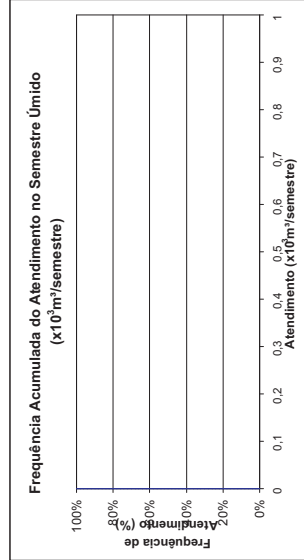
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ⁶ m ³ /Semestre	% Demanda	x10 ⁶ m ³ /Semestre	% Demanda
0%	0	-	0	-
10%	0	-	0	-
20%	0	-	0	-
30%	0	-	0	-
40%	0	-	0	-
50%	0	-	0	-
60%	0	-	0	-
70%	0	-	0	-
80%	0	-	0	-
90%	0	-	0	-
100%	0	-	0	-
Atend. Mínimo	0	-	-	0
Freq. de Falha	0	-	-	0
Demanda	0,00% x10⁶m³/semestre		0,00% x10⁶m³/semestre	
	0,00% /ls		0,00% /ls	

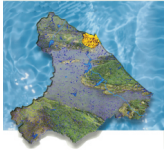




Fortaleza
Demanda Humana Rural - Consolidação por Município
 Horizonte 2020 com Infra-estrutura Atual

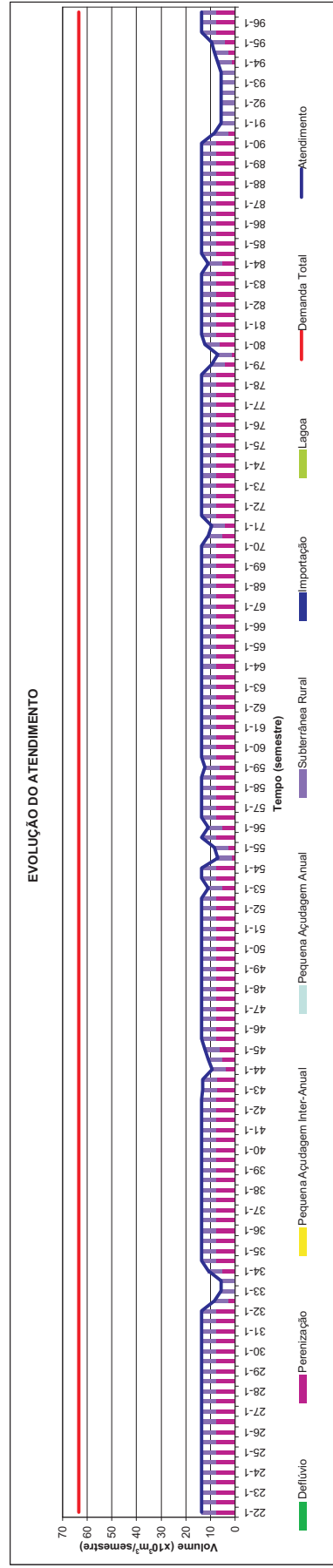
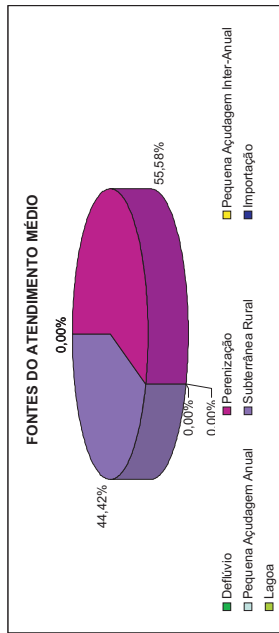
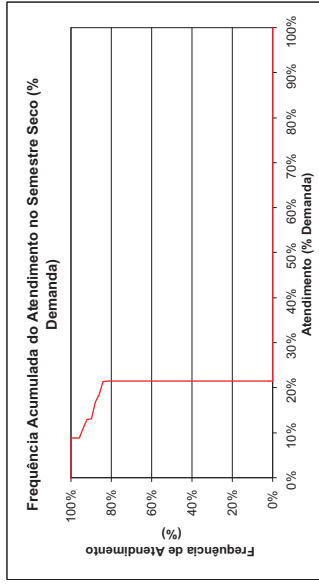
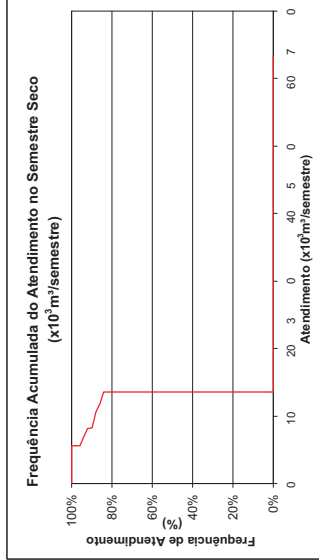
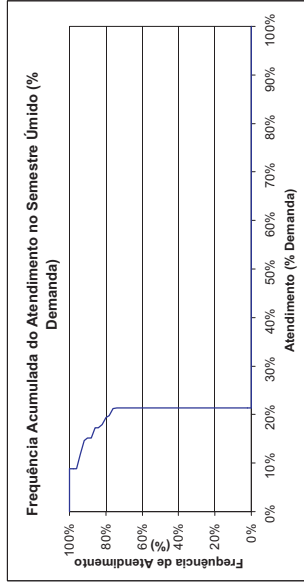
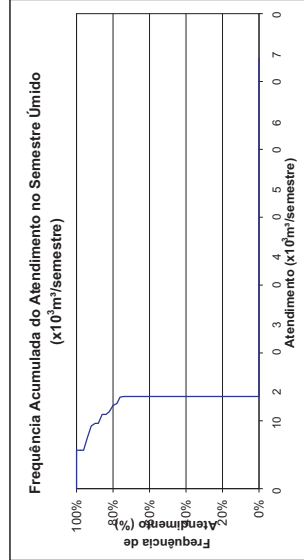
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	0	-	0	-
10%	0	-	0	-
20%	0	-	0	-
30%	0	-	0	-
40%	0	-	0	-
50%	0	-	0	-
60%	0	-	0	-
70%	0	-	0	-
80%	0	-	0	-
90%	0	-	0	-
100%	0	-	0	-
Atend. Médio	0	-	0	-
Freq. de Falha	0,00%	-	0,00%	-
Demanda	0,000 x10³m³/semestre		0,000 x10³m³/semestre	





Fortim
Demanda Humana Rural - Consolidação por Município
 Horizonte 2020 com Infra-estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	13,59	21%	13,59	21%
10%	13,59	21%	13,59	21%
20%	13,59	21%	13,59	21%
30%	13,59	21%	13,59	21%
40%	13,59	21%	13,59	21%
50%	13,59	21%	13,59	21%
60%	13,59	21%	13,59	21%
70%	13,59	21%	13,59	21%
80%	12,261	19%	13,59	21%
90%	9,603	15%	8,274	13%
100%	5,616	9%	5,616	9%
Atend. Mínimo	13,59	21%	13,59	21%
Freq. de Falha	100,00%	9%	100,00%	9%
Demanda	83.402	x10³m³/semestre	4.08	l/s



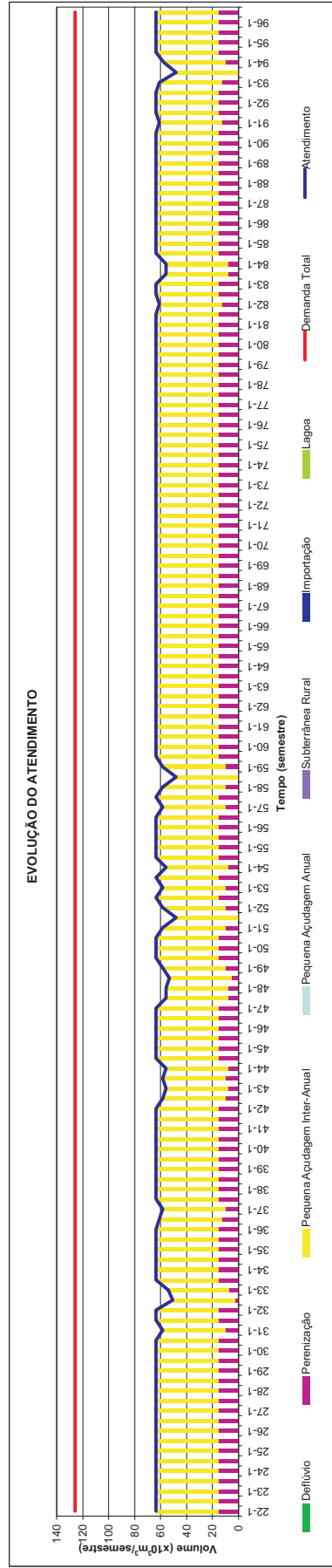
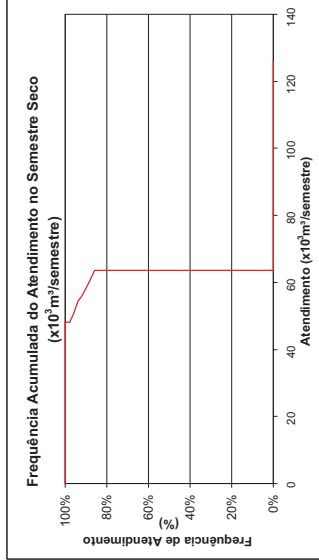
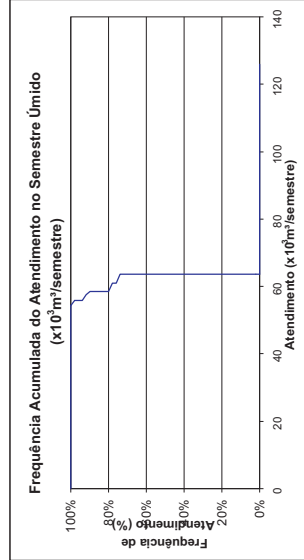
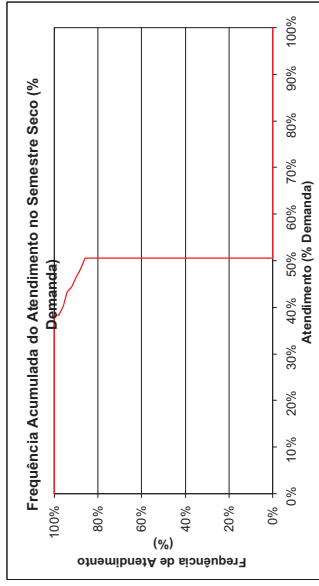
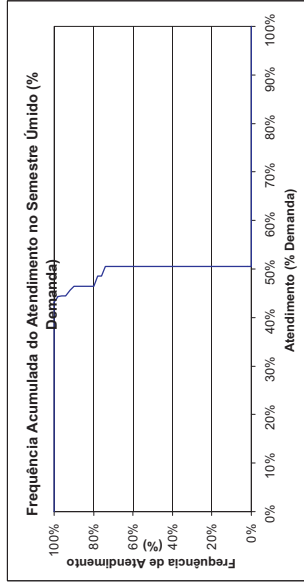
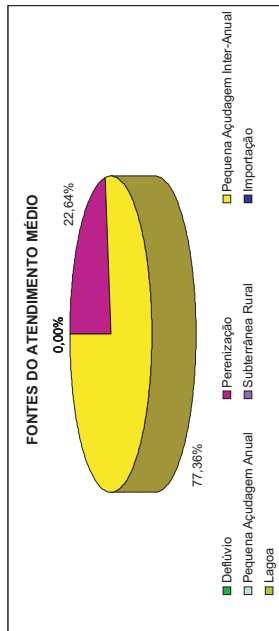


Guaiuba

Demanda Humana Rural - Consolidação por Município

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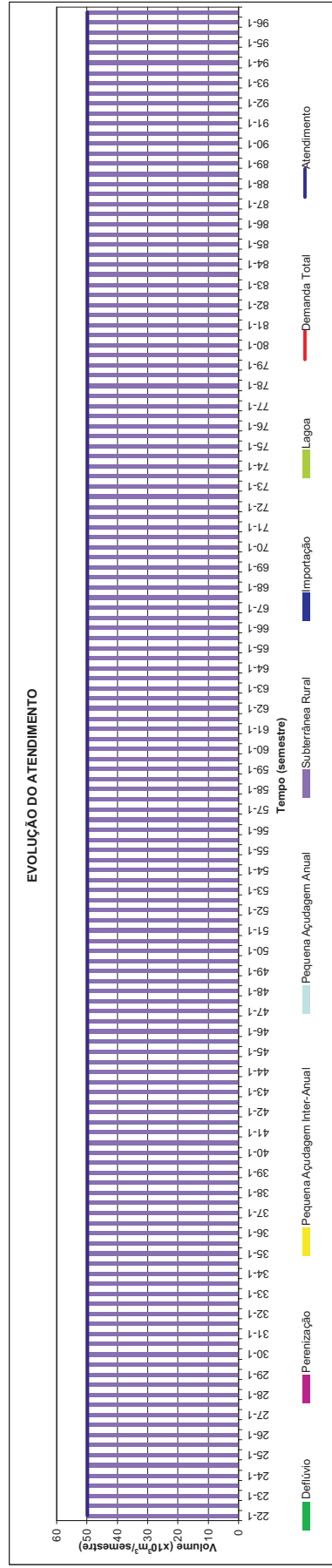
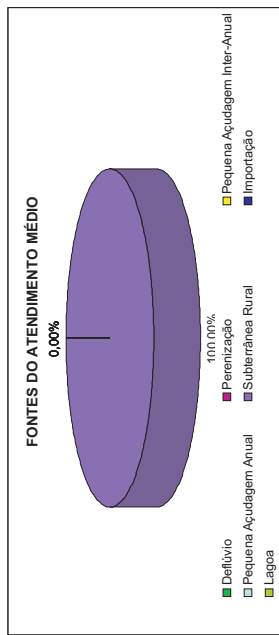
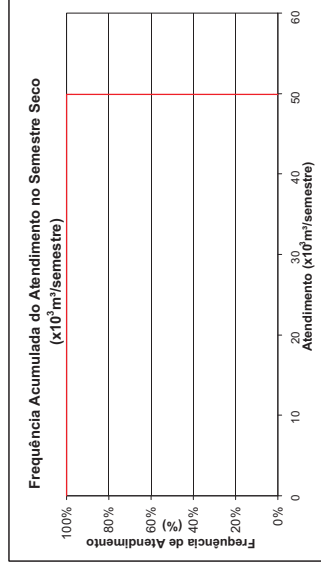
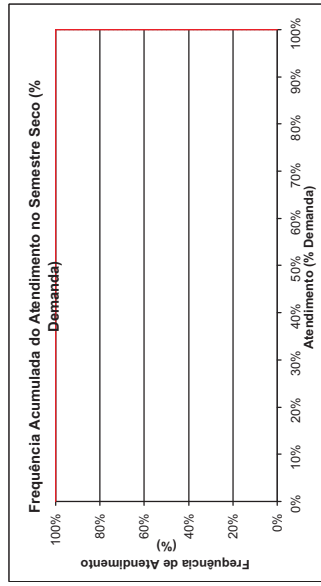
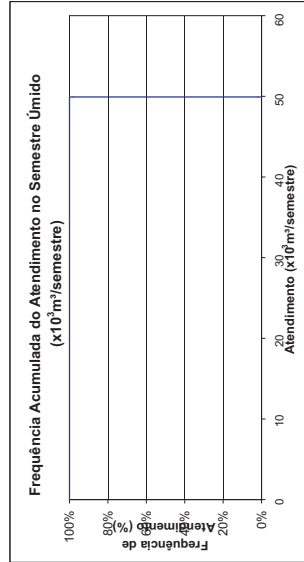
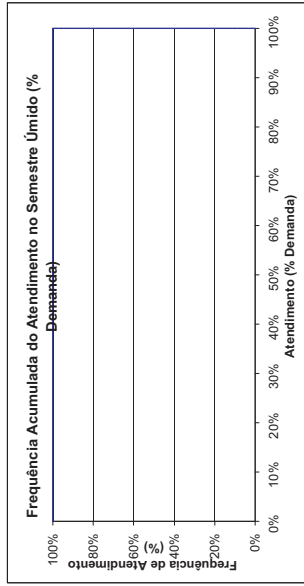
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ⁶ m ³ /Semestre	% Demanda	x10 ⁶ m ³ /Semestre	% Demanda
0%	63.624	51%	63.624	51%
10%	63.624	51%	63.624	51%
20%	63.624	51%	63.624	51%
30%	63.624	51%	63.624	51%
40%	63.624	51%	63.624	51%
50%	63.624	51%	63.624	51%
60%	63.624	51%	63.624	51%
70%	63.624	51%	63.624	51%
80%	58.474	46%	63.624	51%
90%	54.258	43%	58.474	46%
Atend. Médio	63.624	51%	63.624	51%
Freq. de Falha	54.258	43%	48.174	38%
Demanda	126.874 x10⁶m³/semestre		100,00%	8,09 l/s





Guaramiranga Demanda Humana Rural - Consolidação por Município Horizonte 2020 com Infra-estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	49,89	100%	49,89	100%
10%	49,89	100%	49,89	100%
20%	49,89	100%	49,89	100%
30%	49,89	100%	49,89	100%
40%	49,89	100%	49,89	100%
50%	49,89	100%	49,89	100%
60%	49,89	100%	49,89	100%
70%	49,89	100%	49,89	100%
80%	49,89	100%	49,89	100%
90%	49,89	100%	49,89	100%
100%	49,89	100%	49,89	100%
Atend. Médio	49,89	100%	49,89	100%
Freq. de Falha	0,00%		0,00%	
Demanda	49.890	x10³m³/semestre	3.21	l/s



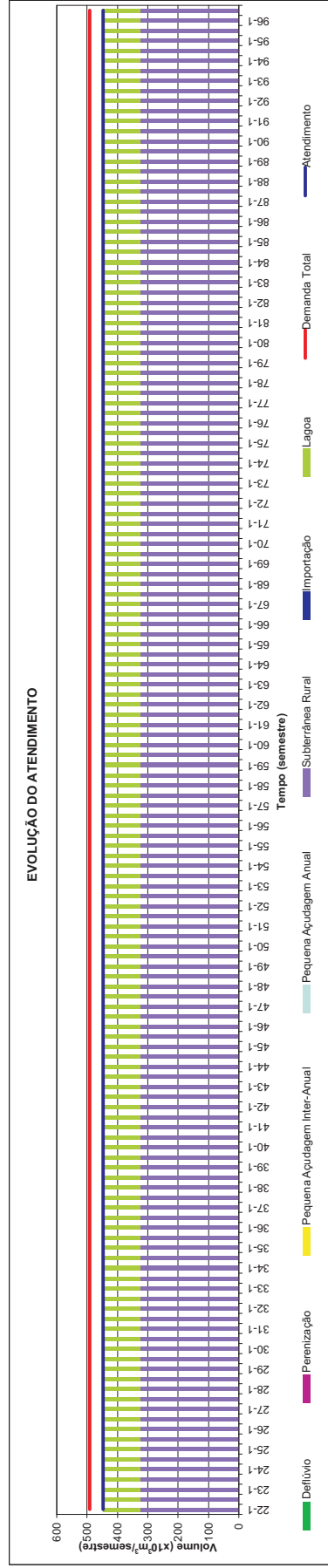
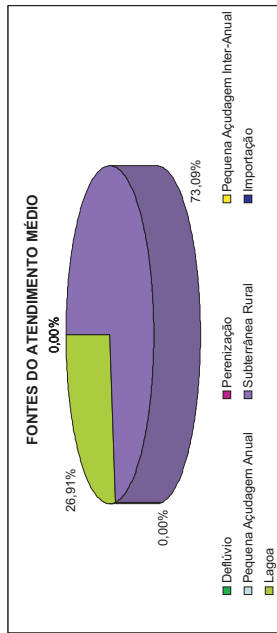
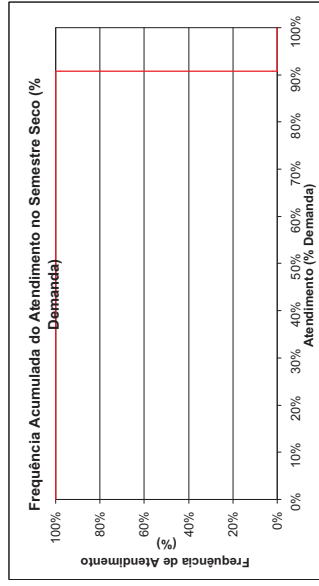
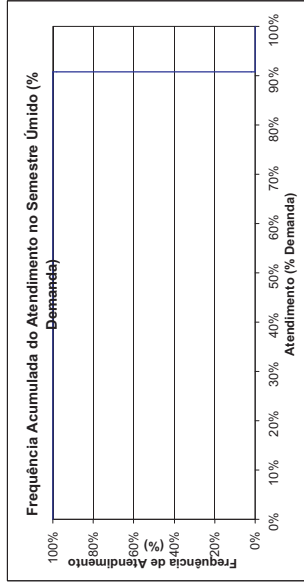
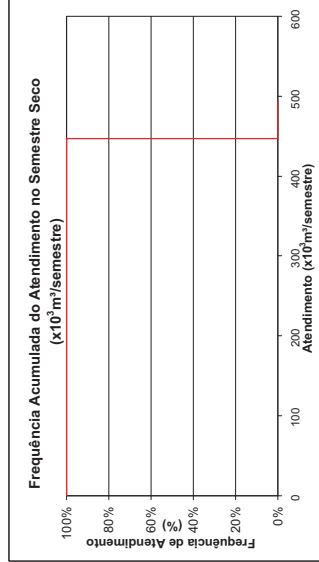
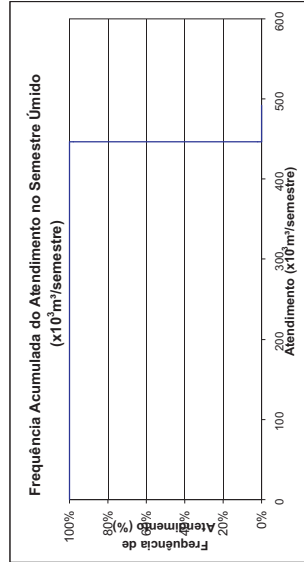


Horizonte

Demanda Humana Rural - Consolidação por Município

Horizonte 2020 com Infra-estrutura Atual

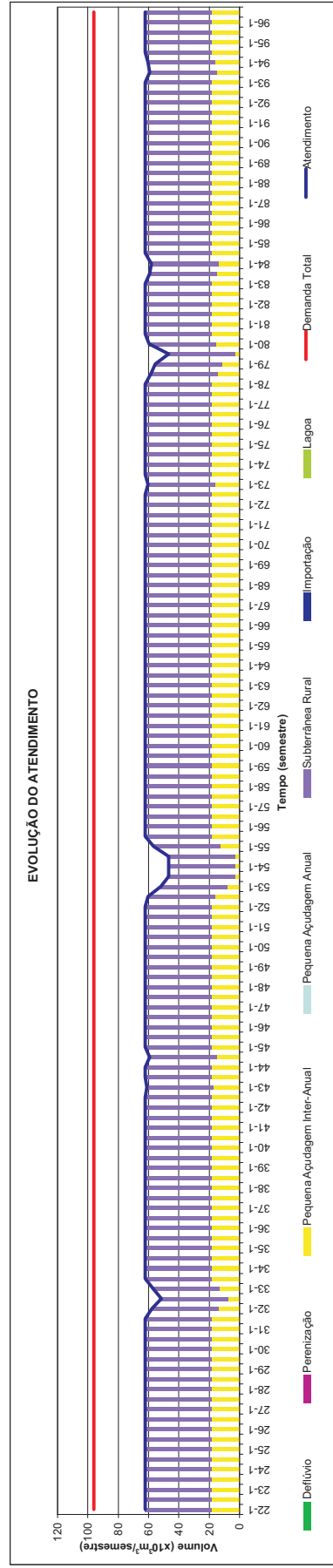
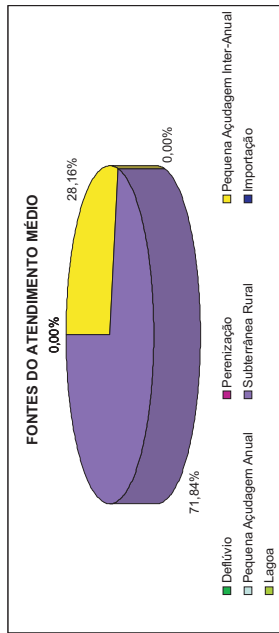
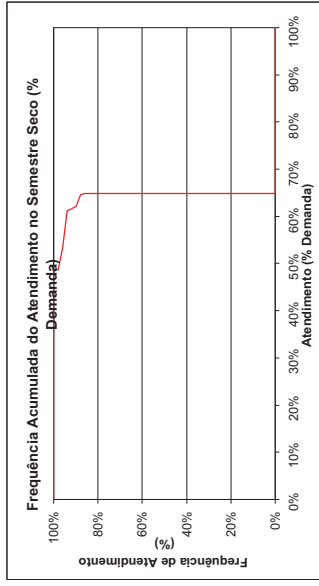
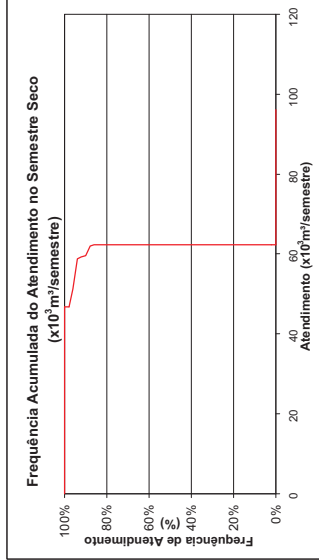
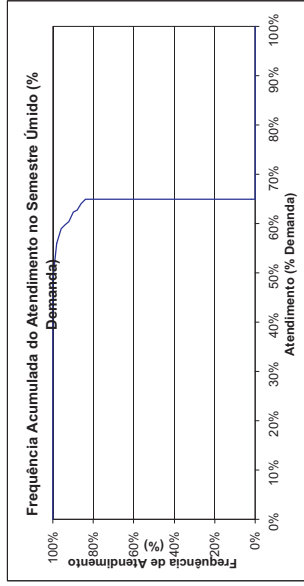
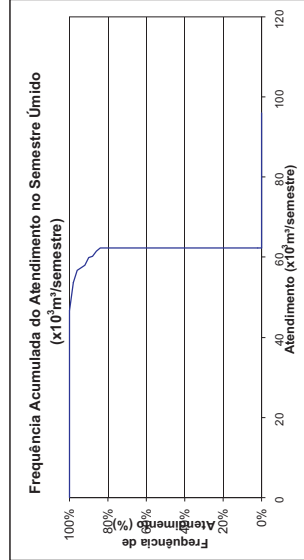
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ⁶ m ³ /Semestre	% Demanda	x10 ⁶ m ³ /Semestre	% Demanda
0%	446,645	91%	446,645	91%
10%	446,645	91%	446,645	91%
20%	446,645	91%	446,645	91%
30%	446,645	91%	446,645	91%
40%	446,645	91%	446,645	91%
50%	446,645	91%	446,645	91%
60%	446,645	91%	446,645	91%
70%	446,645	91%	446,645	91%
80%	446,645	91%	446,645	91%
90%	446,645	91%	446,645	91%
100%	446,645	91%	446,645	91%
Atend. Médio	446,645	91%	446,645	91%
Freq. de Falha	100,00%		100,00%	
Demanda	492,090 x10 ⁶ m ³ /semestre		31,64 l/s	

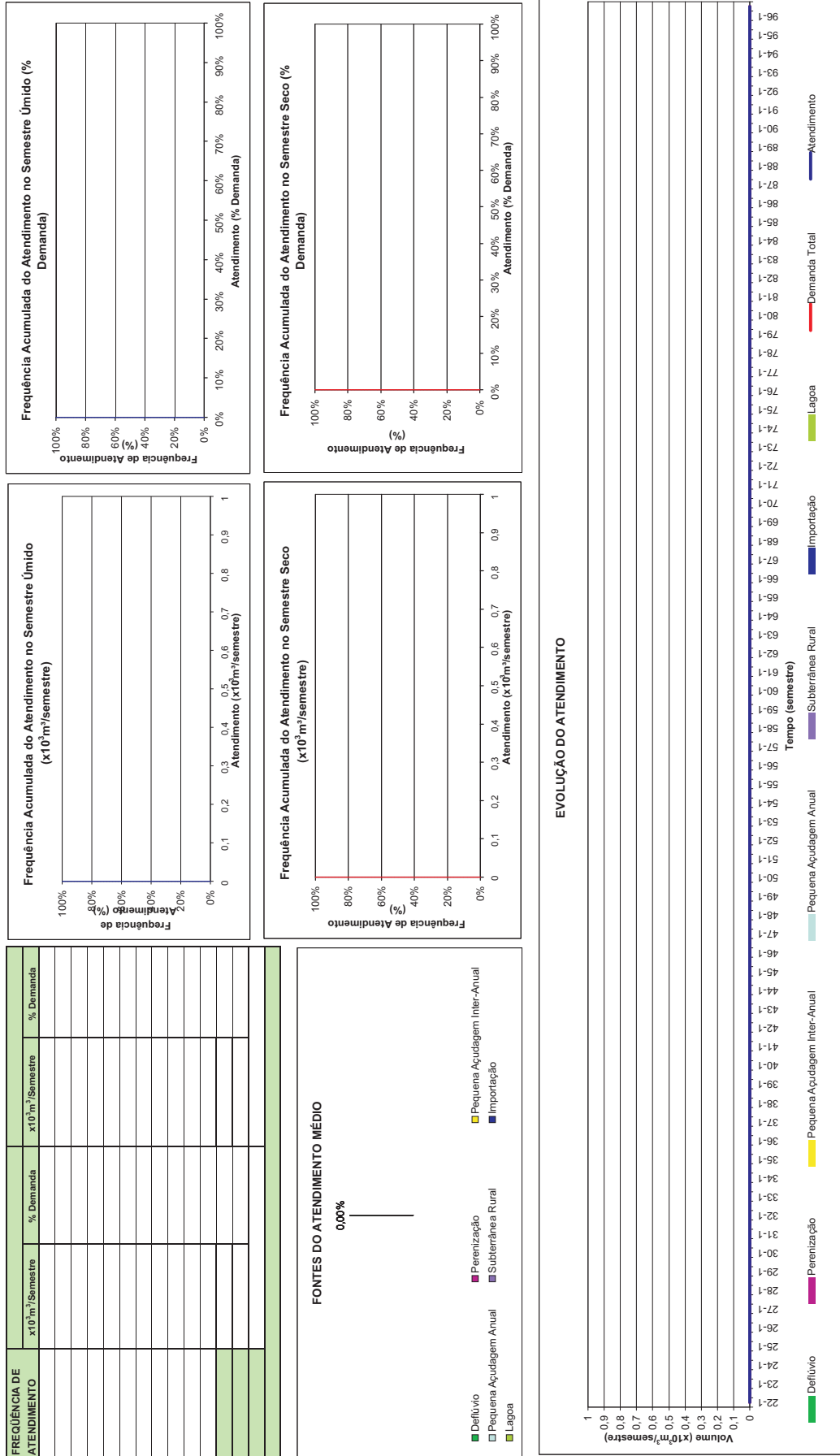


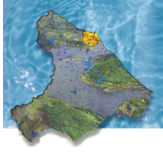


Ibaretama
Demanda Humana Rural - Consolidação por Município
 Horizonte 2020 com Infra-estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	62,316	65%	62,316	65%
10%	62,316	65%	62,316	65%
20%	62,316	65%	62,316	65%
30%	62,316	65%	62,316	65%
40%	62,316	65%	62,316	65%
50%	62,316	65%	62,316	65%
60%	62,316	65%	62,316	65%
70%	62,316	65%	62,316	65%
80%	62,316	65%	62,316	65%
90%	59,954	62%	59,954	62%
100%	46,734	49%	46,734	49%
Atend. Médio	62,316	65%	62,316	65%
Freq. de Falha	46,734	49%	46,734	49%
Demanda	100,00%		100,00%	
	96,054 x10³m³/semestre		6,18 l/s	

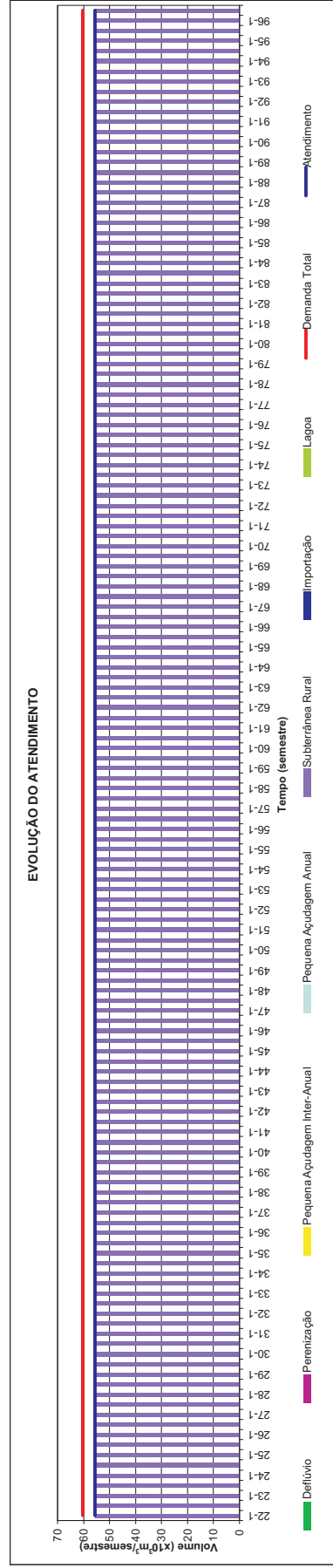
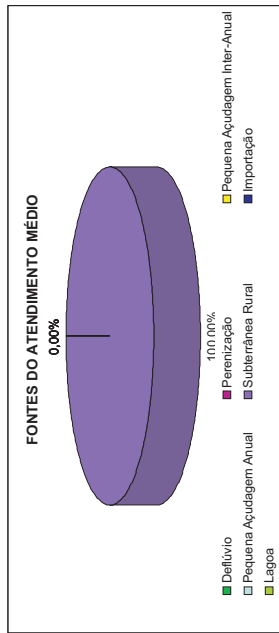
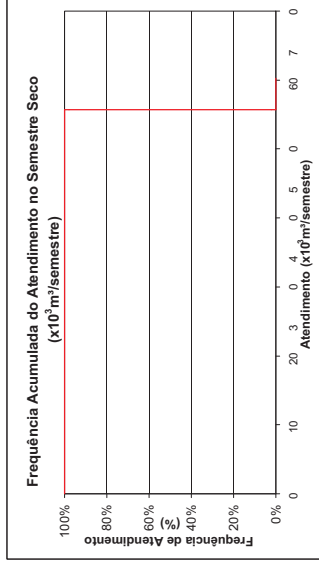
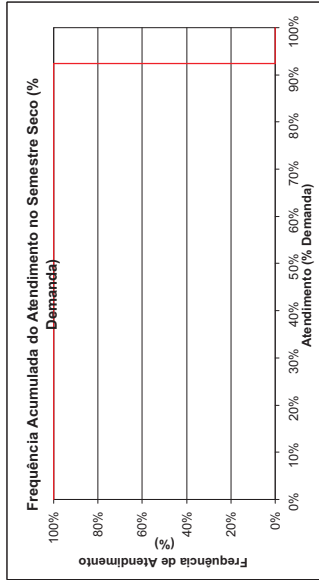
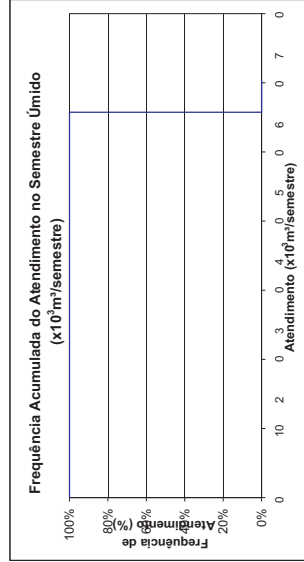
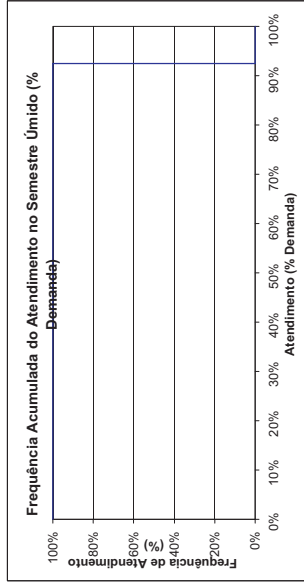






Itaitinga Demanda Humana Rural - Consolidação por Município Horizonte 2020 com Infra-estrutura Atual

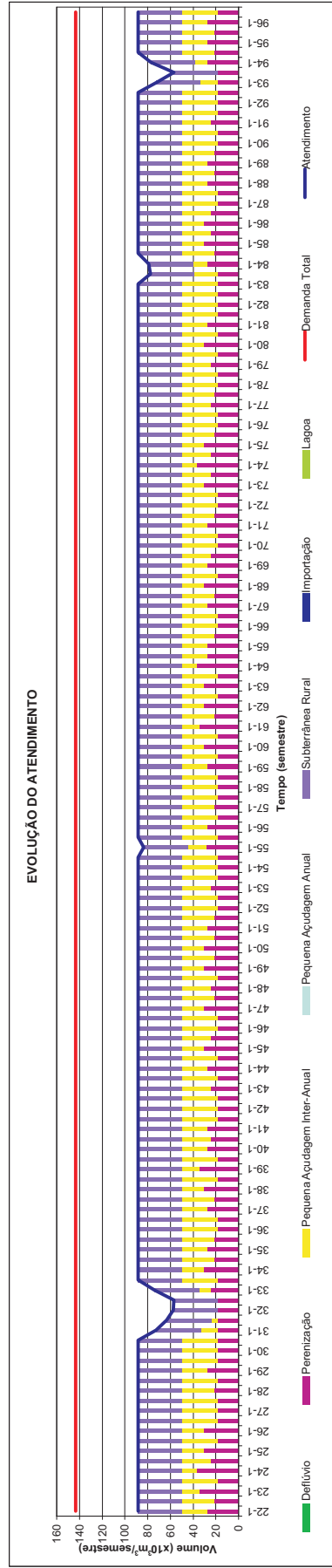
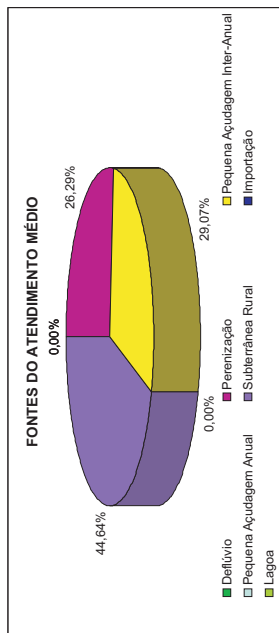
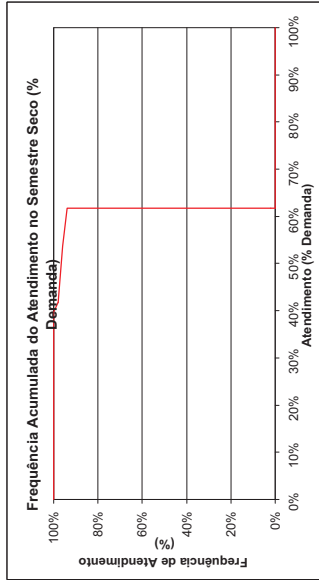
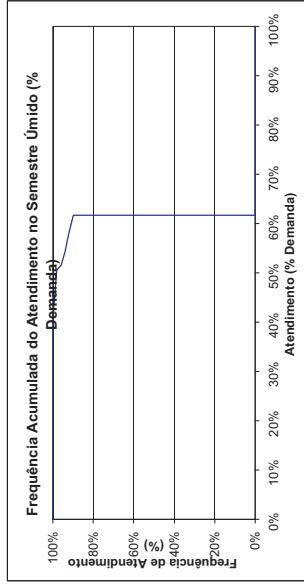
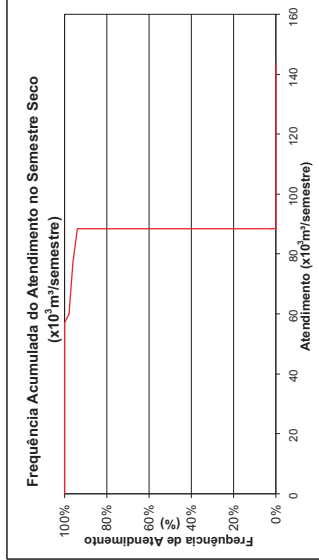
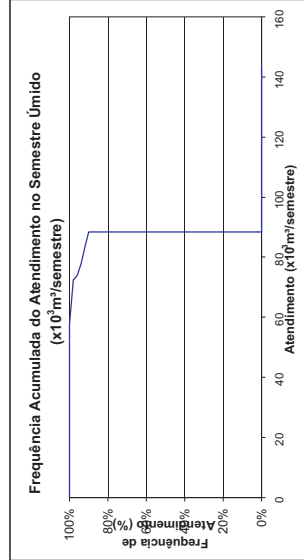
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ⁶ m ³ /Semestre	% Demanda	x10 ⁶ m ³ /Semestre	% Demanda
0%	55.698	92%	55.698	92%
10%	55.698	92%	55.698	92%
20%	55.698	92%	55.698	92%
30%	55.698	92%	55.698	92%
40%	55.698	92%	55.698	92%
50%	55.698	92%	55.698	92%
60%	55.698	92%	55.698	92%
70%	55.698	92%	55.698	92%
80%	55.698	92%	55.698	92%
90%	55.698	92%	55.698	92%
100%	55.698	92%	55.698	92%
Atend. Médio	55.698	92%	55.698	92%
Atend. Mínimo	55.698	92%	55.698	92%
Freq. de Falha	100,00%		100,00%	
Demanda	60,288 x10⁶m³/semestre		3,87 l/s	





Itapipiuna
Demanda Humana Rural - Consolidação por Município
 Horizonte 2020 com Infra-estrutura Atual

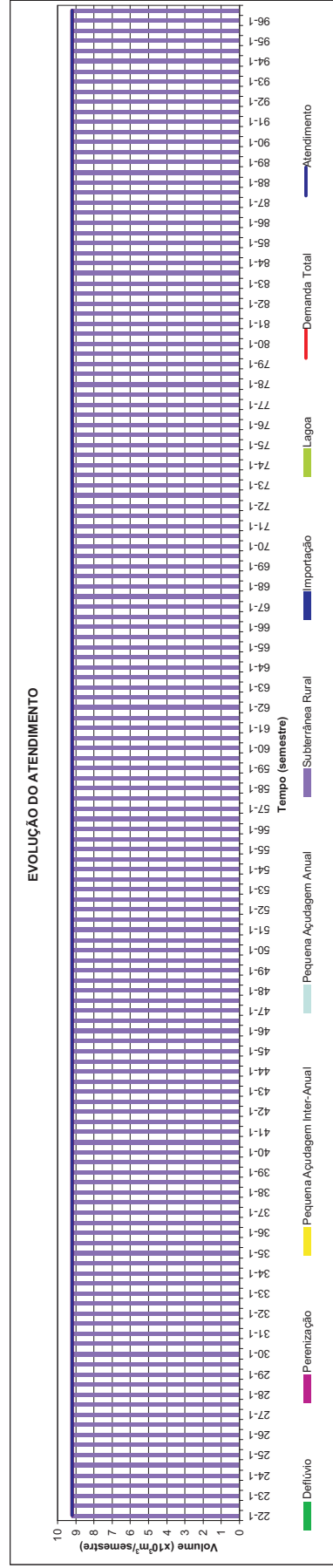
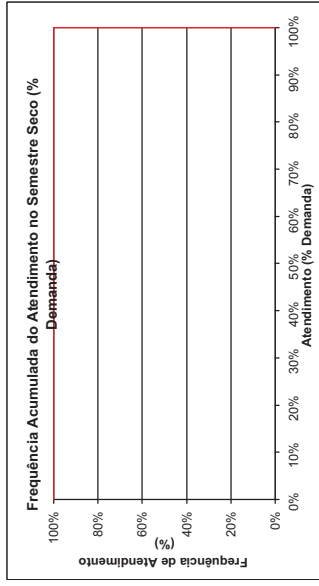
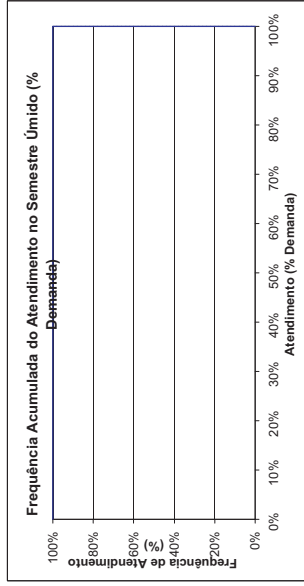
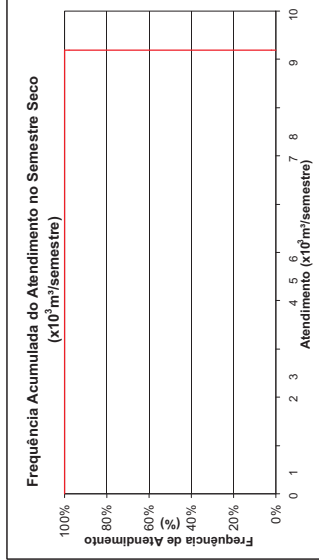
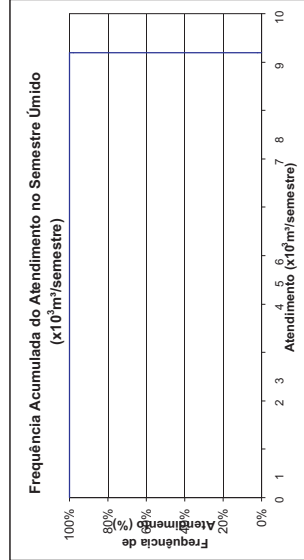
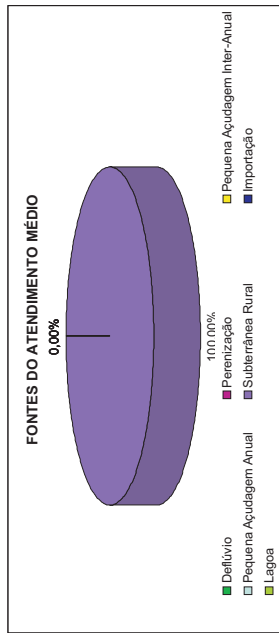
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	88.494	62%	88.494	62%
10%	88.494	62%	88.494	62%
20%	88.494	62%	88.494	62%
30%	88.494	62%	88.494	62%
40%	88.494	62%	88.494	62%
50%	88.494	62%	88.494	62%
60%	88.494	62%	88.494	62%
70%	88.494	62%	88.494	62%
80%	88.494	62%	88.494	62%
90%	88.494	62%	88.494	62%
100%	57.668	40%	57.066	40%
Atend. Médio	88.494	62%	88.494	62%
Atend. Mínimo	57.668	40%	57.066	40%
Demanda	143.406	100,00%	143.406	100,00%
				9,22 l/s





Maracanã
Demanda Humana Rural - Consolidação por Município
 Horizonte 2020 com Infra-estrutura Atual

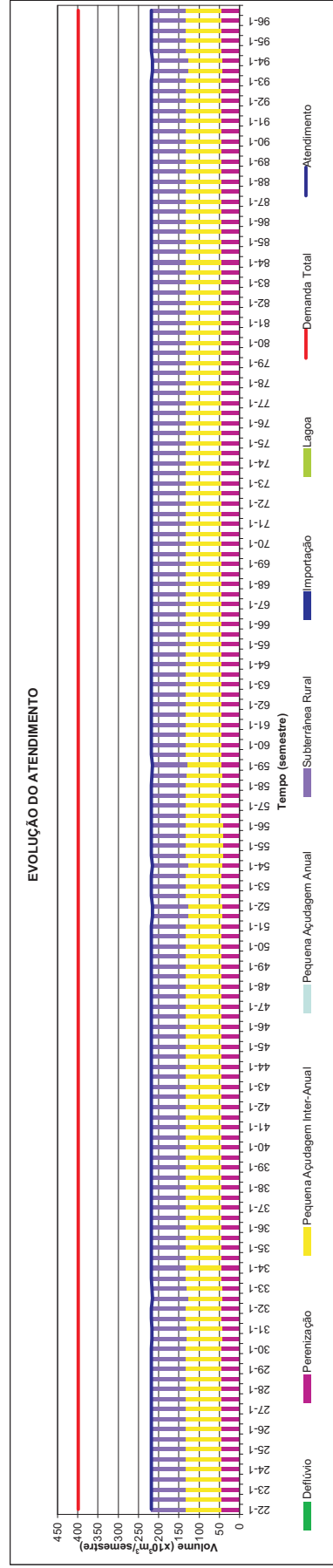
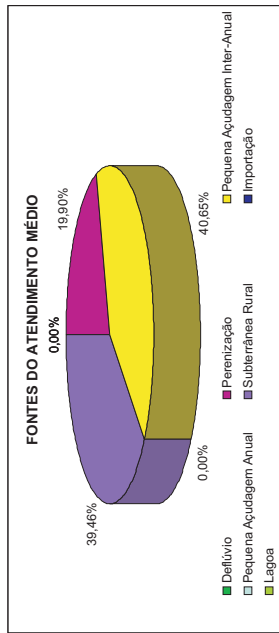
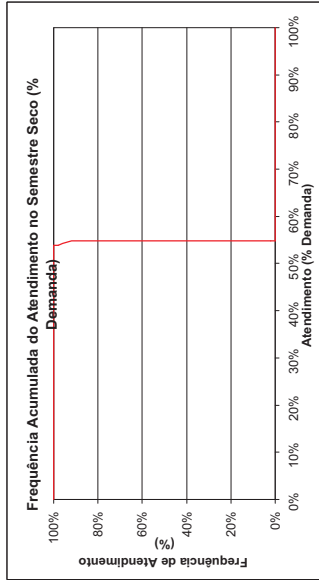
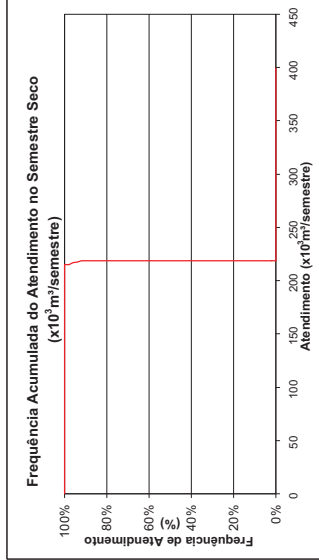
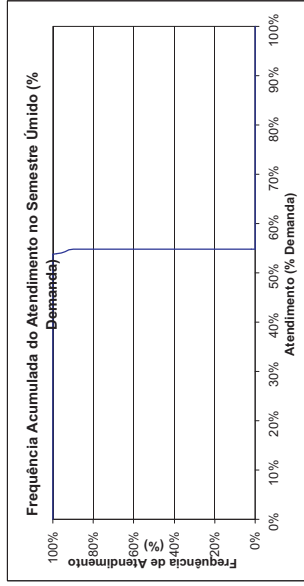
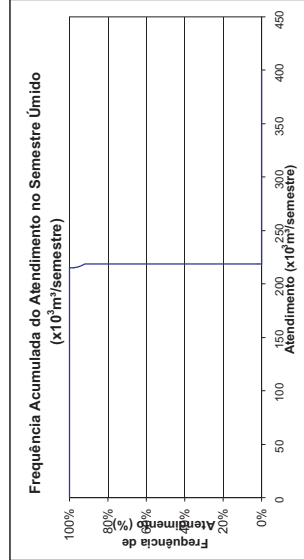
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	9.192	100%	9.192	100%
10%	9.192	100%	9.192	100%
20%	9.192	100%	9.192	100%
30%	9.192	100%	9.192	100%
40%	9.192	100%	9.192	100%
50%	9.192	100%	9.192	100%
60%	9.192	100%	9.192	100%
70%	9.192	100%	9.192	100%
80%	9.192	100%	9.192	100%
90%	9.192	100%	9.192	100%
100%	9.192	100%	9.192	100%
Atend. Mínimo	9.192	100%	9.192	100%
Freq. de Falha	0,00%		0,00%	
Demanda	9.192 x10³ m³/semestre		9.192 x10³ m³/semestre	0,59 l/s





Maranguape
Demanda Humana Rural - Consolidação por Município
 Horizonte 2020 com Infra-estrutura Atual

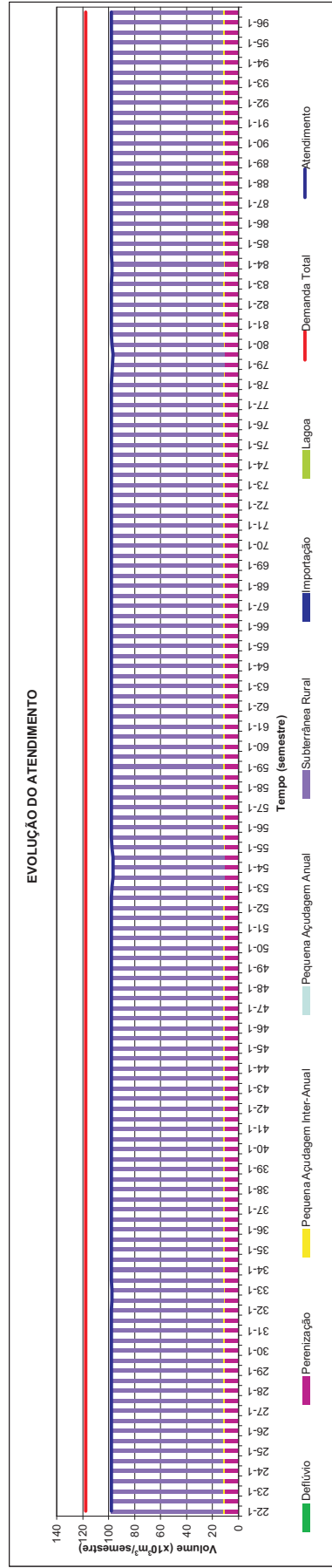
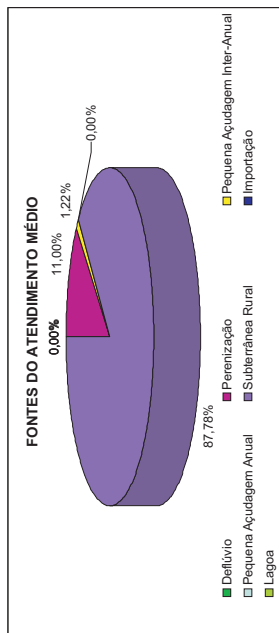
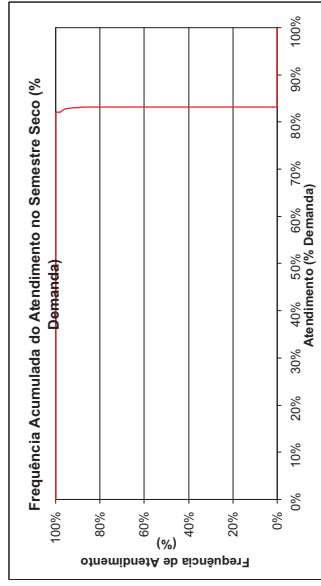
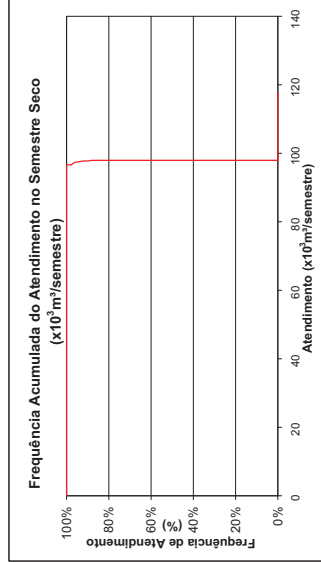
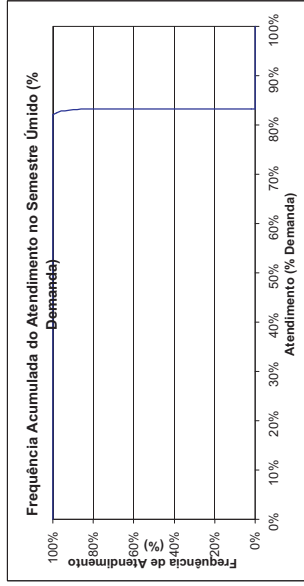
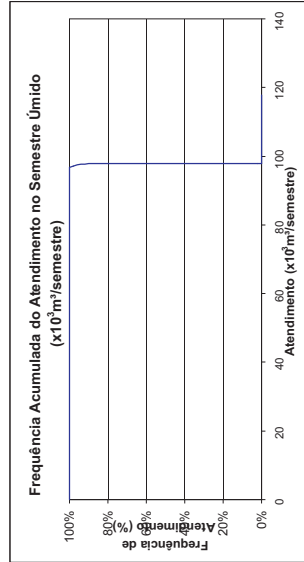
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ⁶ m ³ /Semestre	% Demanda	x10 ⁶ m ³ /Semestre	% Demanda
0%	218,701	55%	218,701	55%
10%	218,701	55%	218,701	55%
20%	218,701	55%	218,701	55%
30%	218,701	55%	218,701	55%
40%	218,701	55%	218,701	55%
50%	218,701	55%	218,701	55%
60%	218,701	55%	218,701	55%
70%	218,701	55%	218,701	55%
80%	218,701	55%	218,701	55%
90%	218,701	55%	218,701	55%
100%	214,994	54%	214,993	54%
Atend. Médio	218,701	55%	218,701	55%
Atend. Mínimo	214,994	54%	214,993	54%
Freq. de Falha	100,00%		100,00%	
Demanda	399,408	x10⁶m³/semestre	25,68	l/s





Morada Nova
Demanda Humana Rural - Consolidação por Município
 Horizonte 2020 com Infra-estrutura Atual

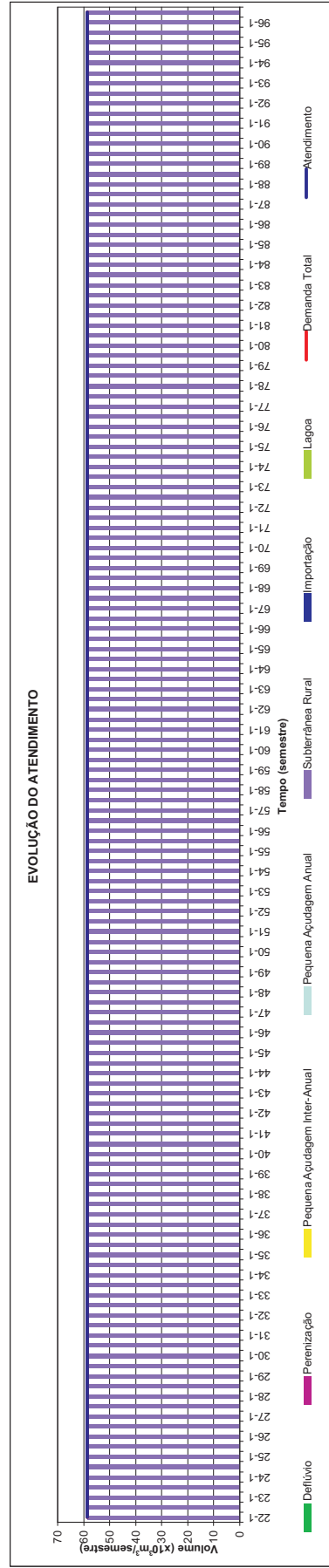
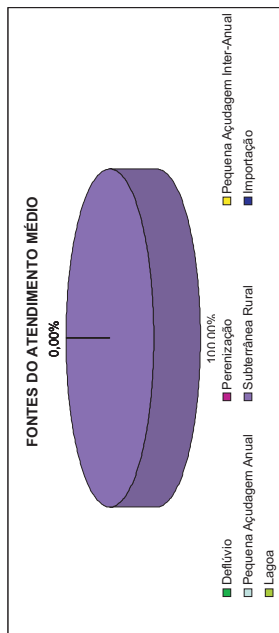
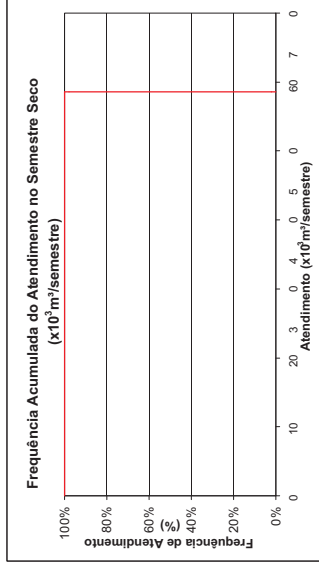
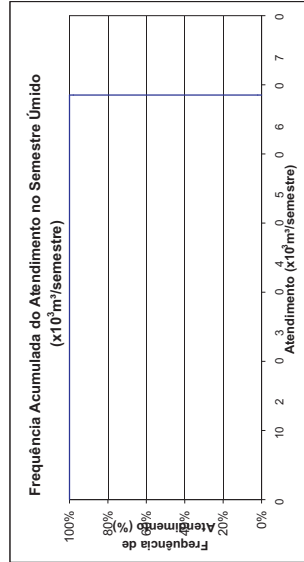
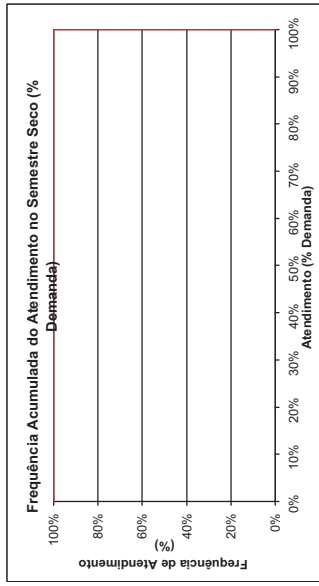
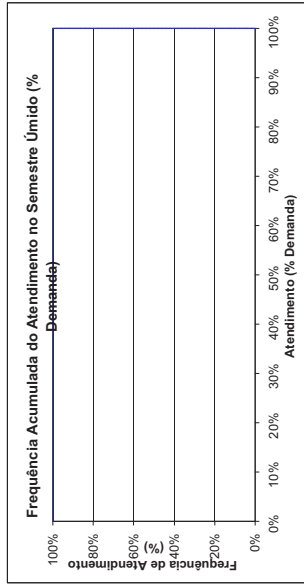
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	97.937	83%	97.937	83%
10%	97.937	83%	97.937	83%
20%	97.937	83%	97.937	83%
30%	97.937	83%	97.937	83%
40%	97.937	83%	97.937	83%
50%	97.937	83%	97.937	83%
60%	97.937	83%	97.937	83%
70%	97.937	83%	97.937	83%
80%	97.937	83%	97.937	83%
90%	97.843	82%	97.819	83%
100%	96.677	82%	96.677	82%
Atend. Médio	97.937	83%	97.937	83%
Atend. Mínimo	96.677	82%	96.677	82%
Demanda	117.728	100,00%	117,728	100,00%
Freq. de Falha				7,57 /ls





Mulungu
Demanda Humana Rural - Consolidação por Município
 Horizonte 2020 com Infra-estrutura Atual

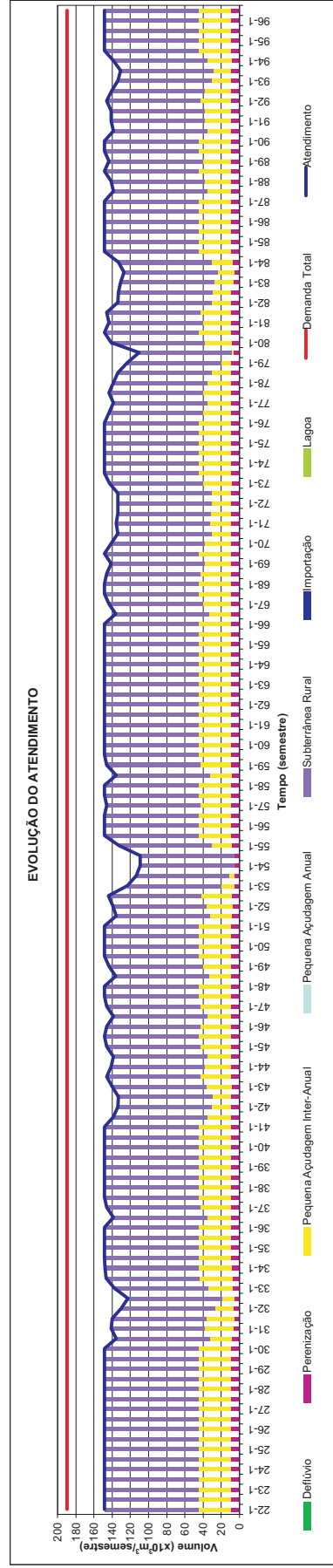
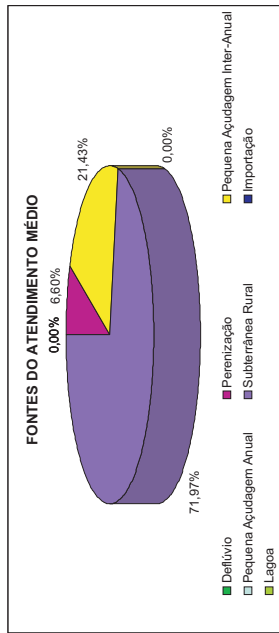
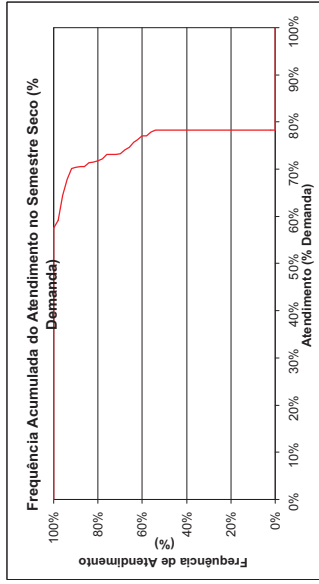
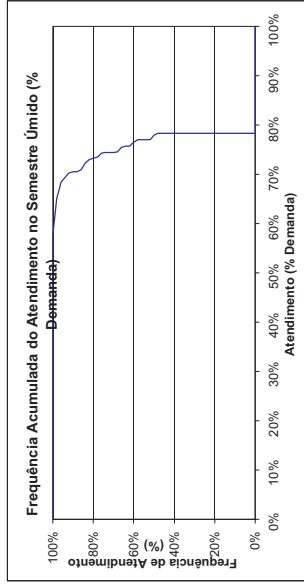
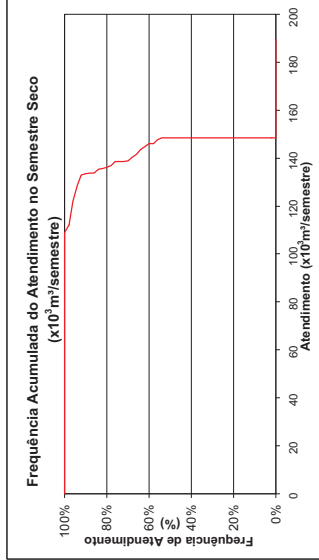
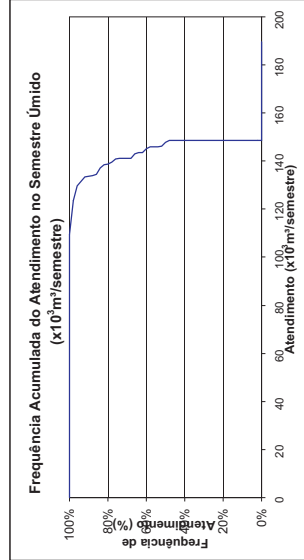
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	58.548	100%	58.548	100%
10%	58.548	100%	58.548	100%
20%	58.548	100%	58.548	100%
30%	58.548	100%	58.548	100%
40%	58.548	100%	58.548	100%
50%	58.548	100%	58.548	100%
60%	58.548	100%	58.548	100%
70%	58.548	100%	58.548	100%
80%	58.548	100%	58.548	100%
90%	58.548	100%	58.548	100%
100%	58.548	100%	58.548	100%
Atend. Médio	58.548	100%	58.548	100%
Freq. de Falha	58.548	100%	58.548	100%
Demanda	0,00% 58.548 x10³ m³/semestre		0,00% 3.76 l/s	





Ocara Demanda Humana Rural - Consolidação por Município Horizonte 2020 com Infra-estrutura Atual

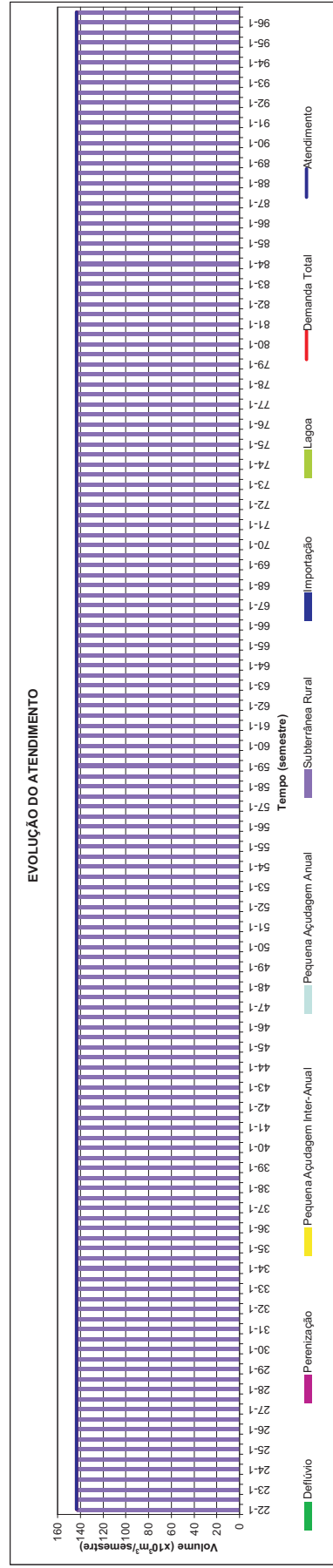
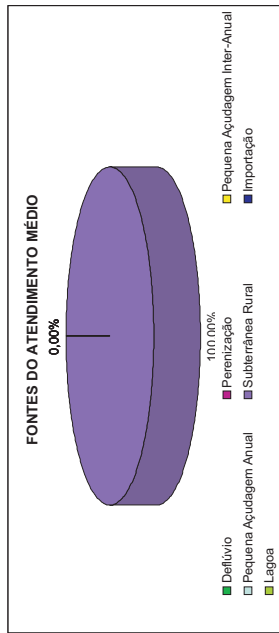
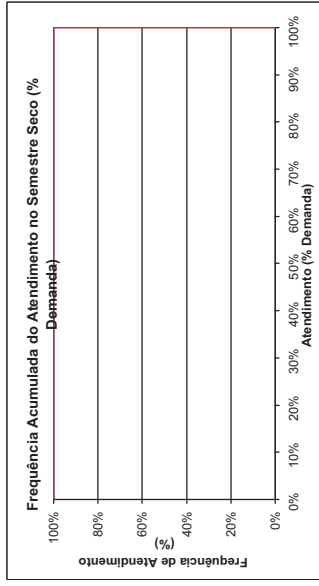
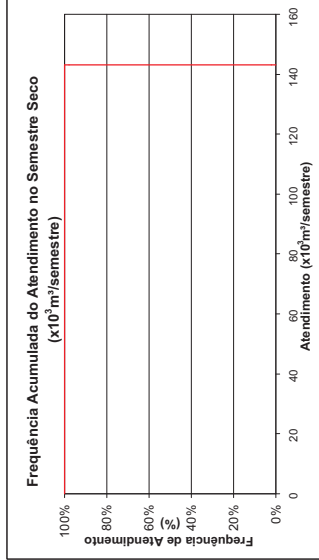
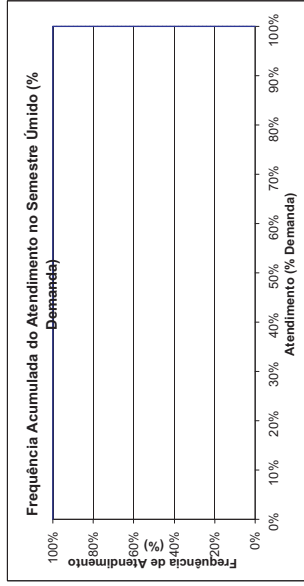
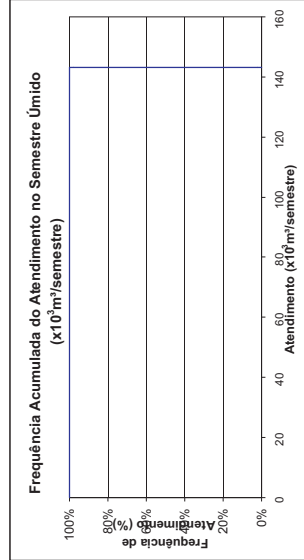
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	148.518	78%	148.518	78%
10%	148.518	78%	148.518	78%
20%	148.518	78%	148.518	78%
30%	148.518	78%	148.518	78%
40%	148.518	78%	148.518	78%
50%	147.678	78%	148.518	78%
60%	145.0852	77%	146.066	77%
70%	141.182	74%	138.9348	73%
80%	138.8292	73%	136.132	72%
90%	133.806	71%	133.428	70%
100%	109.356	58%	109.02	57%
Atend. Mínimo	147.678	78%	148.518	78%
Freq. de Falha	109.356	58%	109.02	57%
Demanda	189.630	100,00%	189.630	100,00%





Pacajus
Demanda Humana Rural - Consolidação por Município
 Horizonte 2020 com Infra-estrutura Atual

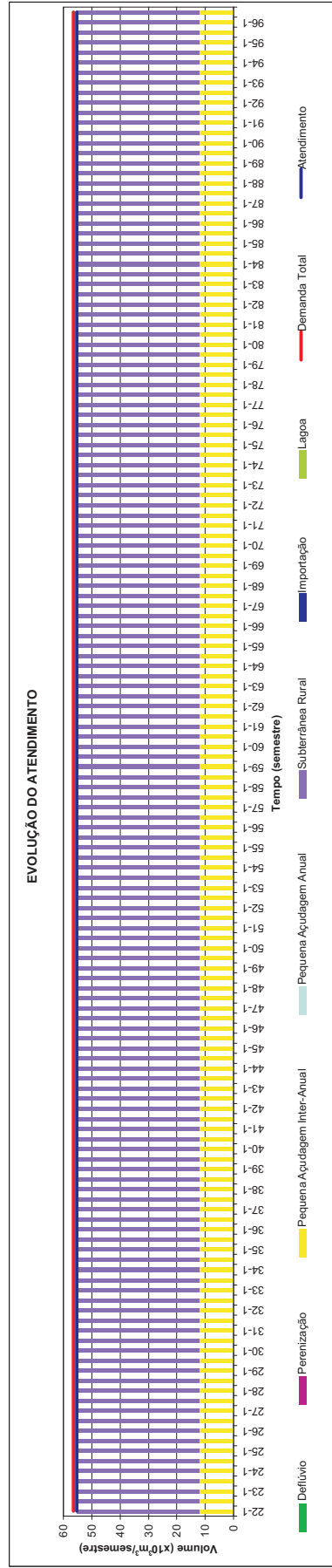
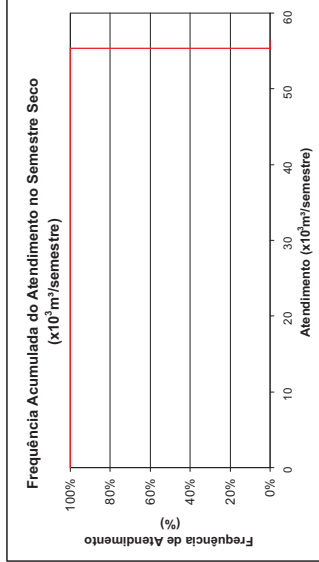
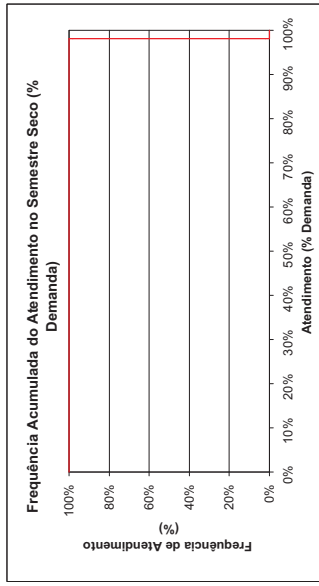
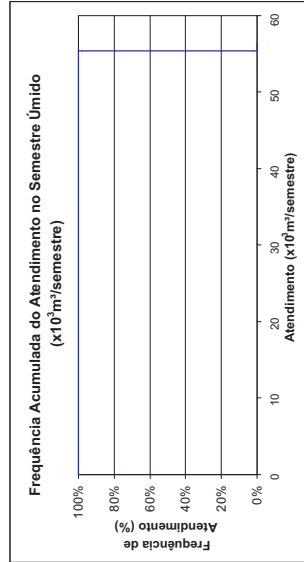
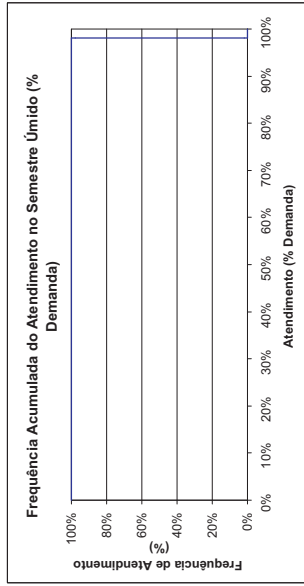
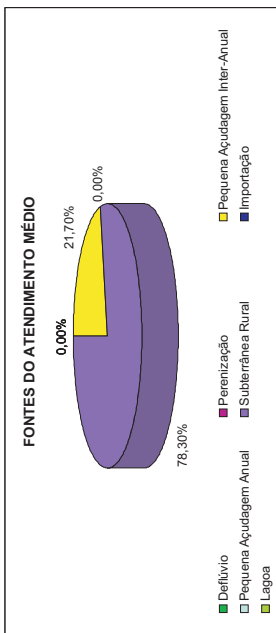
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	143.13	100%	143.13	100%
10%	143.13	100%	143.13	100%
20%	143.13	100%	143.13	100%
30%	143.13	100%	143.13	100%
40%	143.13	100%	143.13	100%
50%	143.13	100%	143.13	100%
60%	143.13	100%	143.13	100%
70%	143.13	100%	143.13	100%
80%	143.13	100%	143.13	100%
90%	143.13	100%	143.13	100%
100%	143.13	100%	143.13	100%
Atend. Médio	143.13	100%	143.13	100%
Freq. de Falha	143.13	100%	143.13	100%
Demanda	143.130 x10³m³/semestre		0.00%	
	9.20 l/s			





Pacatuba
Demanda Humana Rural - Consolidação por Município
 Horizonte 2020 com Infra-estrutura Atual

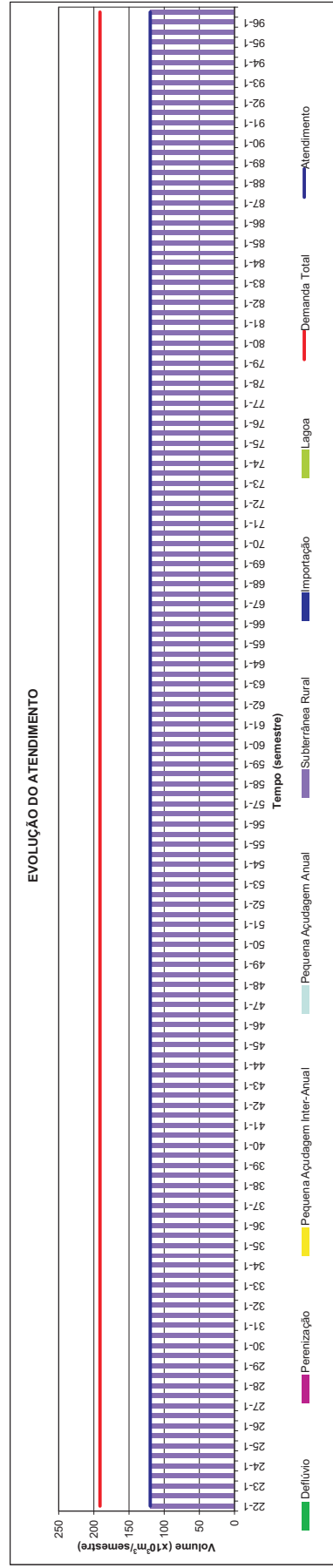
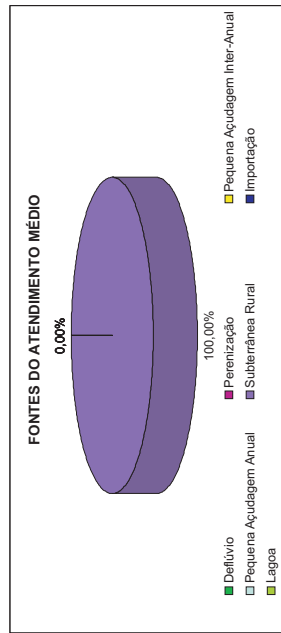
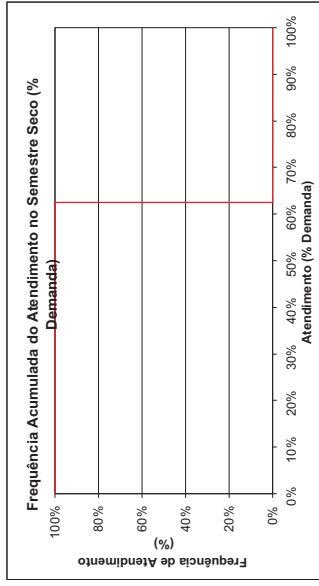
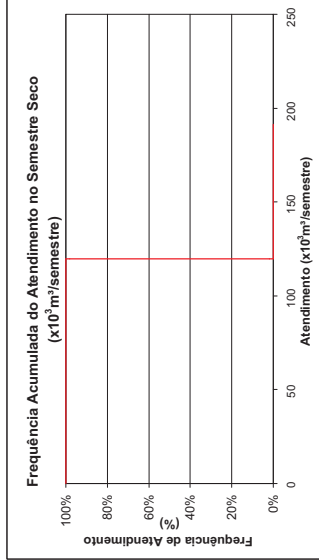
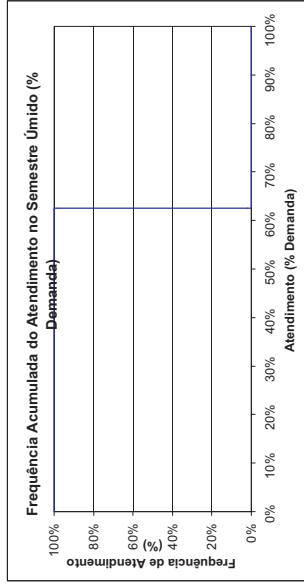
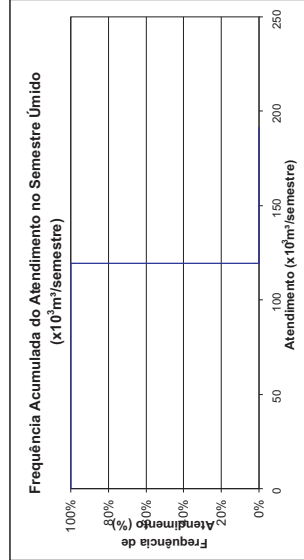
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	55,362	98%	55,362	98%
10%	55,362	98%	55,362	98%
20%	55,362	98%	55,362	98%
30%	55,362	98%	55,362	98%
40%	55,362	98%	55,362	98%
50%	55,362	98%	55,362	98%
60%	55,362	98%	55,362	98%
70%	55,362	98%	55,362	98%
80%	55,362	98%	55,362	98%
90%	55,362	98%	55,362	98%
100%	55,362	98%	55,362	98%
Atend. Médio	55,362	98%	55,362	98%
Freq. de Falha	100,00%		100,00%	
Demanda	56,406 x10³m³/semestre		3,63 l/s	





Pacoti
Demanda Humana Rural - Consolidação por Município
 Horizonte 2020 com Infra-estrutura Atual

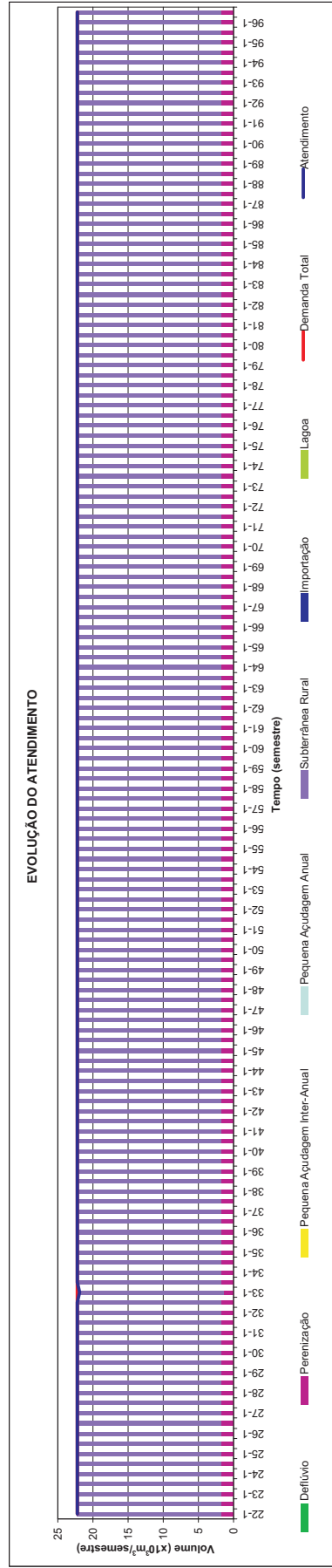
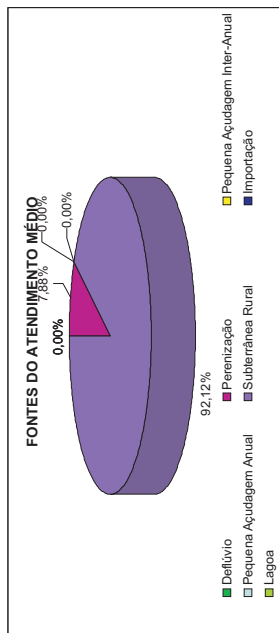
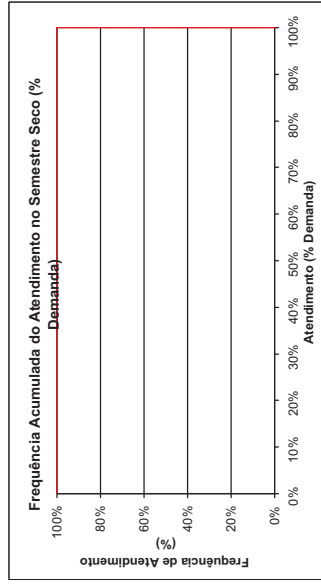
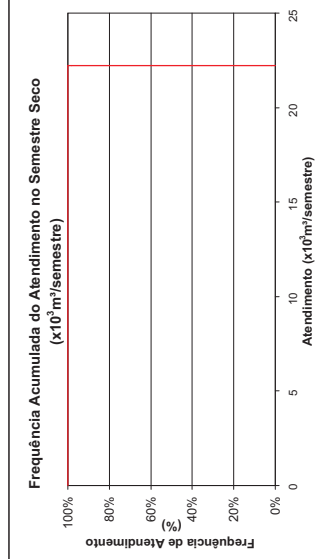
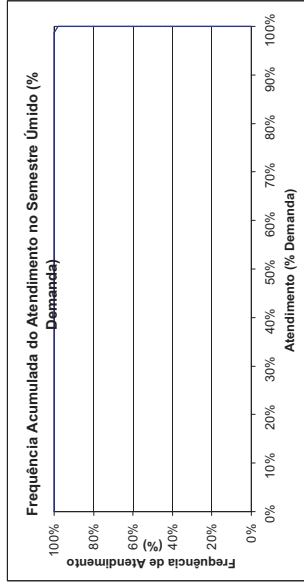
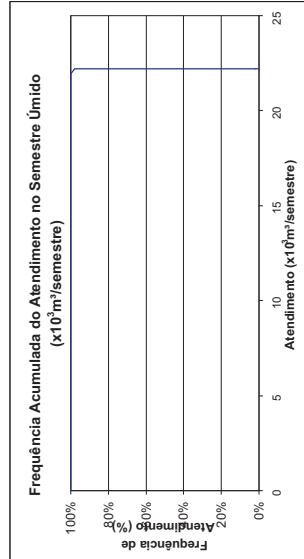
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	119,568	62%	119,568	62%
10%	119,568	62%	119,568	62%
20%	119,568	62%	119,568	62%
30%	119,568	62%	119,568	62%
40%	119,568	62%	119,568	62%
50%	119,568	62%	119,568	62%
60%	119,568	62%	119,568	62%
70%	119,568	62%	119,568	62%
80%	119,568	62%	119,568	62%
90%	119,568	62%	119,568	62%
100%	119,568	62%	119,568	62%
Atend. Médio	119,568	62%	119,568	62%
Atend. Mínimo	119,568	62%	119,568	62%
Freq. de Falha	100,00%		100,00%	
Demanda	191.334 x10³m³/semestre		12.30 l/s	





Palhano
Demanda Humana Rural - Consolidação por Município
 Horizonte 2020 com Infra-estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	22.212	100%	22.212	100%
10%	22.212	100%	22.212	100%
20%	22.212	100%	22.212	100%
30%	22.212	100%	22.212	100%
40%	22.212	100%	22.212	100%
50%	22.212	100%	22.212	100%
60%	22.212	100%	22.212	100%
70%	22.212	100%	22.212	100%
80%	22.212	100%	22.212	100%
90%	22.212	100%	22.212	100%
100%	21.92	99%	22.212	100%
Atend. Médio	22.212	100%	22.212	100%
Freq. de Falha	1,33%		0,00%	
Demanda	22.212	x10³m³/semestre	1.43	l/s



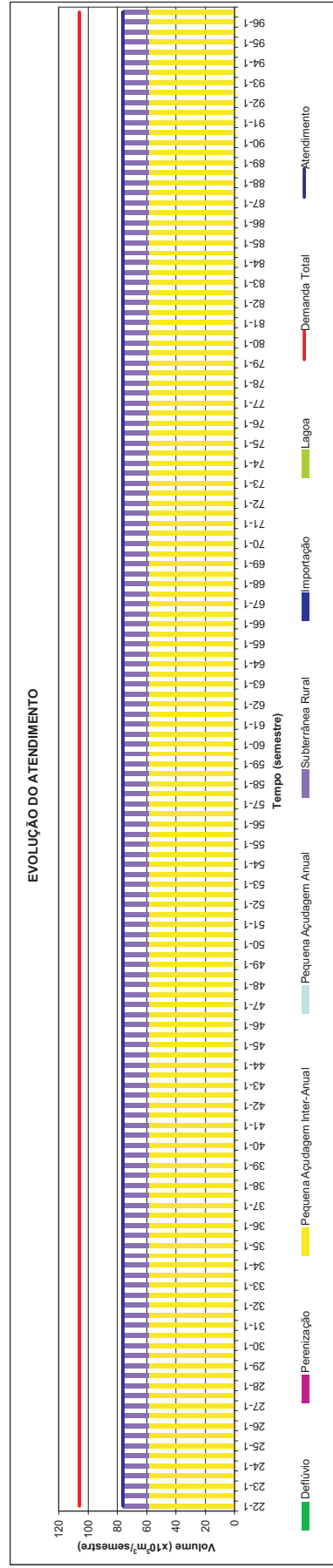
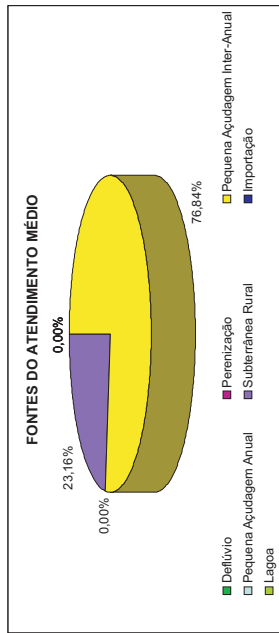
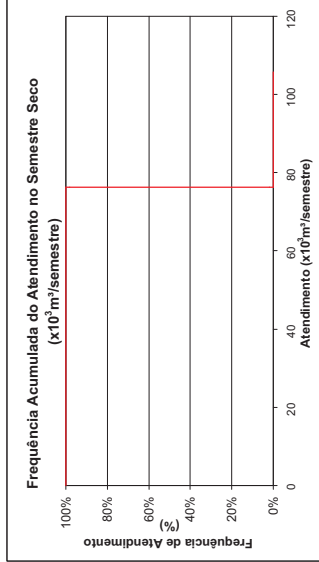
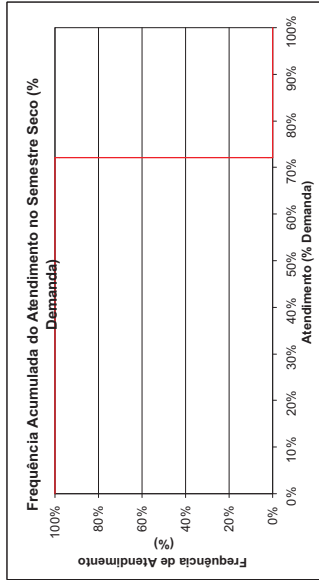
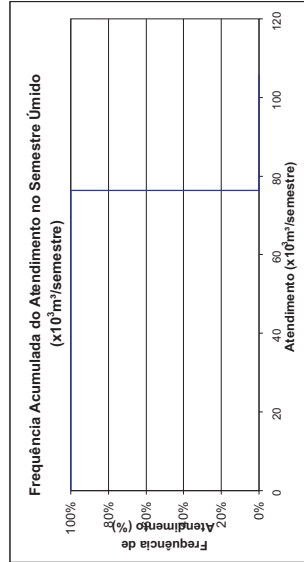
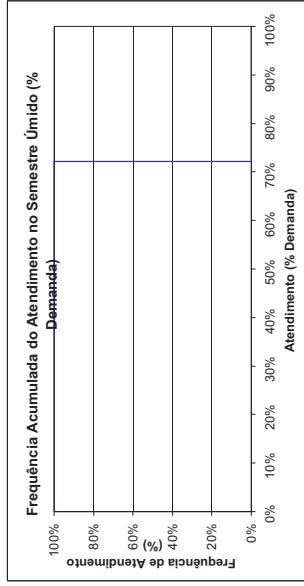


Palmácia

Demanda Humana Rural - Consolidação por Município

Horizonte 2020 com Infra-estrutura Atual

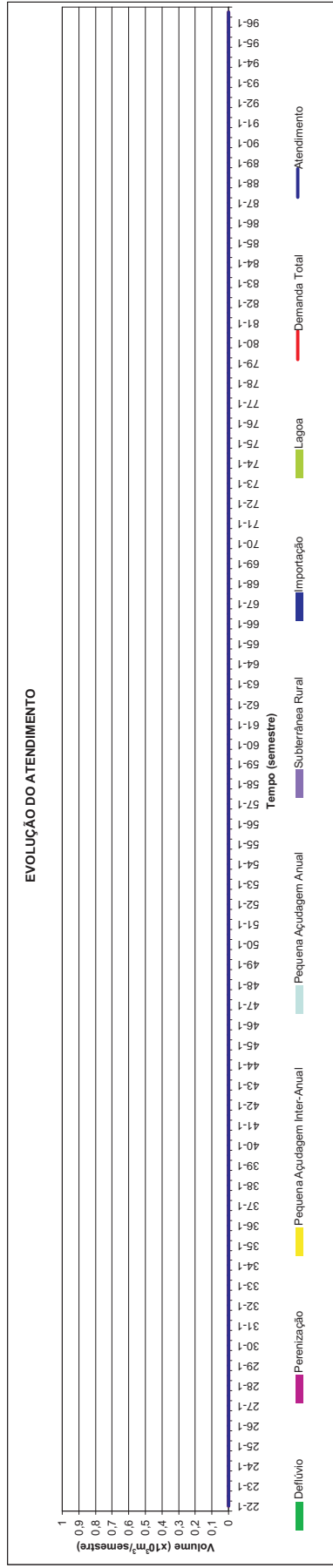
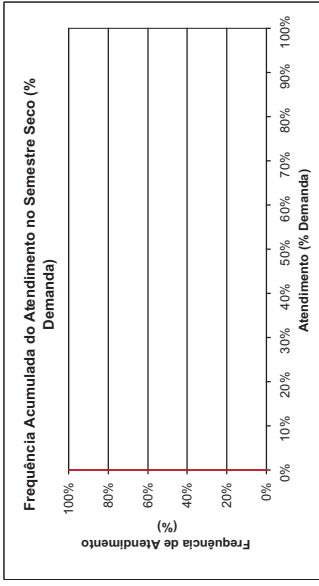
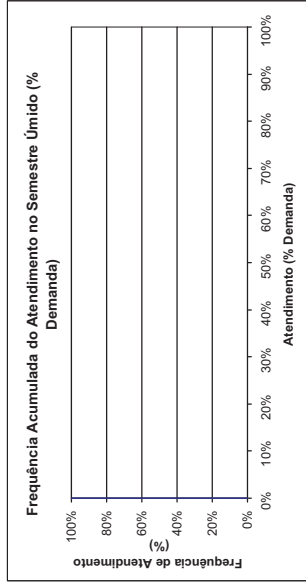
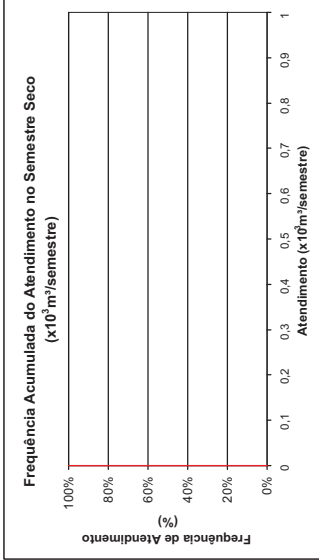
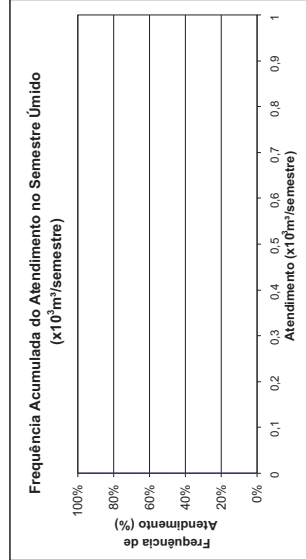
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	76.332	72%	76.332	72%
10%	76.332	72%	76.332	72%
20%	76.332	72%	76.332	72%
30%	76.332	72%	76.332	72%
40%	76.332	72%	76.332	72%
50%	76.332	72%	76.332	72%
60%	76.332	72%	76.332	72%
70%	76.332	72%	76.332	72%
80%	76.332	72%	76.332	72%
90%	76.332	72%	76.332	72%
100%	76.332	72%	76.332	72%
Atend. Médio	76.332	72%	76.332	72%
Atend. Mínimo	76.332	72%	76.332	72%
Freq. de Falha	100,00%		100,00%	
Demanda	105.792 x10³m³/semestre		6.80 l/s	





Paracuru
Demanda Humana Rural - Consolidação por Município
 Horizonte 2020 com Infra-estrutura Atual

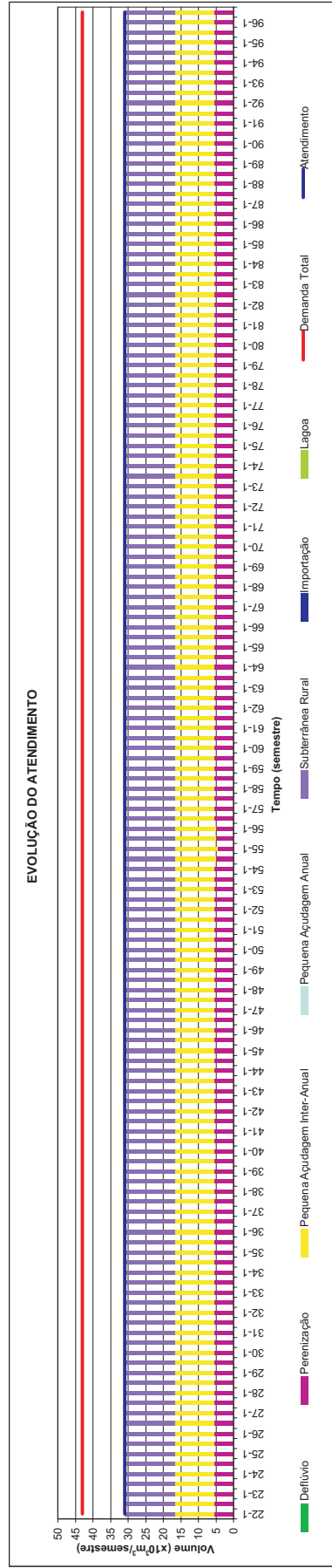
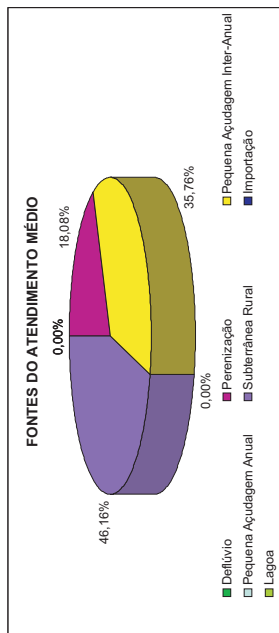
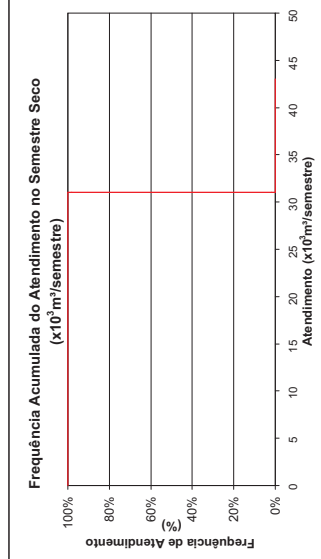
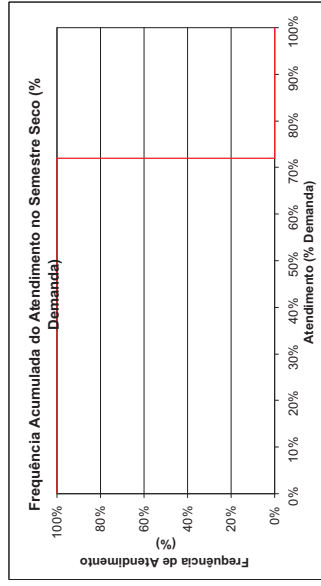
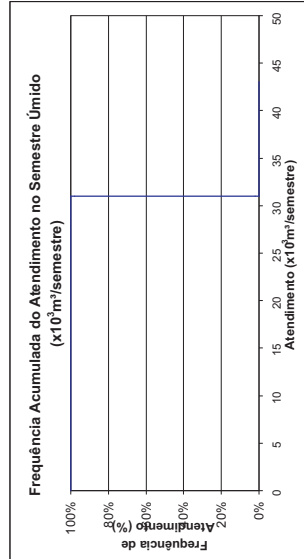
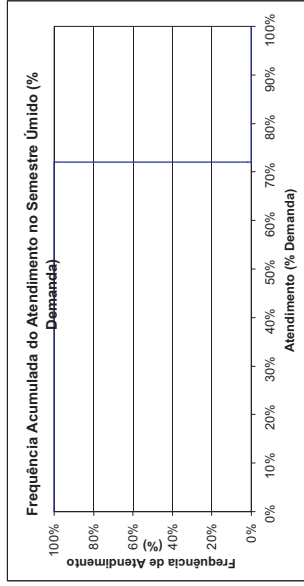
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	0	-	0	-
10%	0	-	0	-
20%	0	-	0	-
30%	0	-	0	-
40%	0	-	0	-
50%	0	-	0	-
60%	0	-	0	-
70%	0	-	0	-
80%	0	-	0	-
90%	0	-	0	-
100%	0	-	0	-
Atend. Médio	0	-	0	-
Freq. de Falha	0,00%	-	0,00%	-
Demanda	0,000 x10³m³/semestre		0,000 l/s	





Pentecoste
Demanda Humana Rural - Consolidação por Município
 Horizonte 2020 com Infra-estrutura Atual

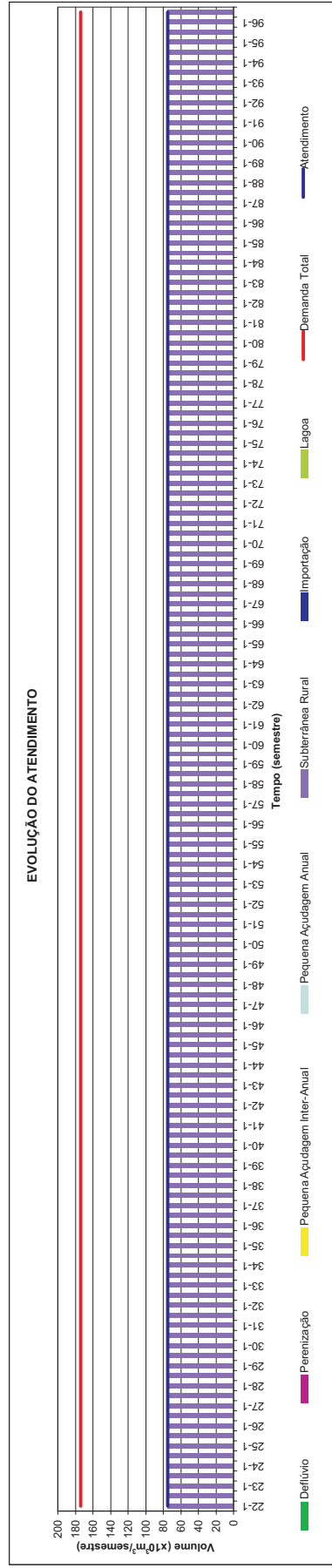
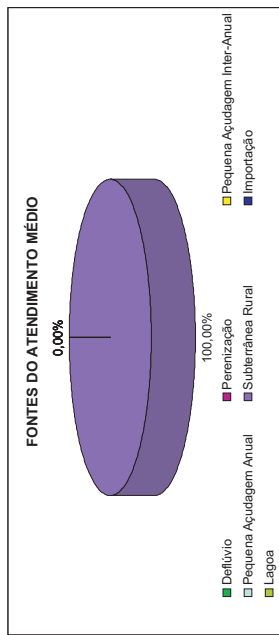
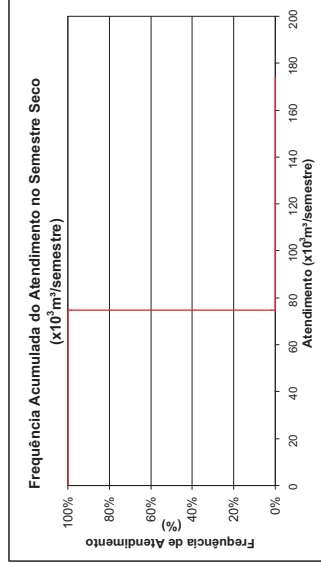
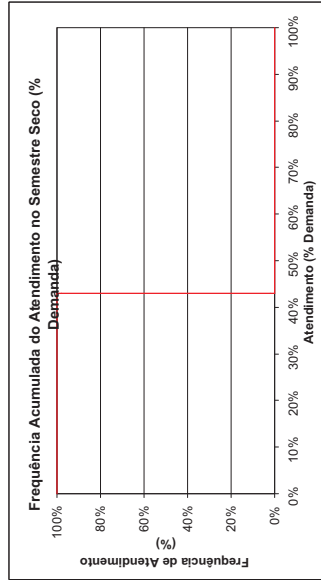
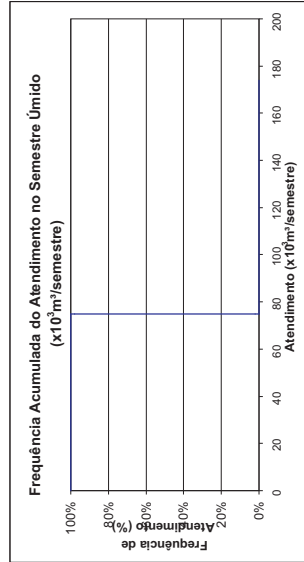
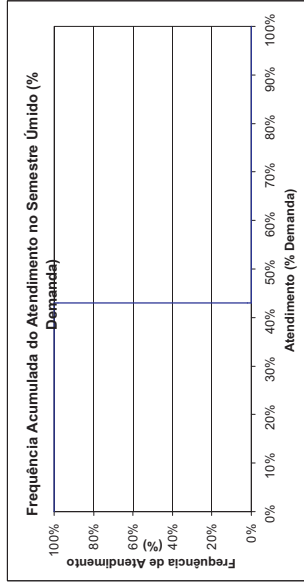
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ⁶ m ³ /Semestre	% Demanda	x10 ⁶ m ³ /Semestre	% Demanda
0%	31,002	72%	31,002	72%
10%	31,002	72%	31,002	72%
20%	31,002	72%	31,002	72%
30%	31,002	72%	31,002	72%
40%	31,002	72%	31,002	72%
50%	31,002	72%	31,002	72%
60%	31,002	72%	31,002	72%
70%	31,002	72%	31,002	72%
80%	31,002	72%	31,002	72%
90%	31,002	72%	31,002	72%
100%	31,002	72%	31,002	72%
Atend. Médio	31,002	72%	31,002	72%
Atend. Mínimo	31,002	72%	31,002	72%
Freq. de Falha	100,00%		100,00%	
Demanda	43,044	x10⁶m³/semestre	2,77	l/s





Pindoretama Demanda Humana Rural - Consolidação por Município Horizonte 2020 com Infra-estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ⁶ m ³ /Semestre	% Demanda	x10 ⁶ m ³ /Semestre	% Demanda
0%	74.814	43%	74.814	43%
10%	74.814	43%	74.814	43%
20%	74.814	43%	74.814	43%
30%	74.814	43%	74.814	43%
40%	74.814	43%	74.814	43%
50%	74.814	43%	74.814	43%
60%	74.814	43%	74.814	43%
70%	74.814	43%	74.814	43%
80%	74.814	43%	74.814	43%
90%	74.814	43%	74.814	43%
100%	74.814	43%	74.814	43%
Atend. Médio	74.814	43%	74.814	43%
Atend. Mínimo	74.814	43%	74.814	43%
Demanda	173.880	100,00%	173.880	100,00%
Freq. de Falha				11,18 /ls



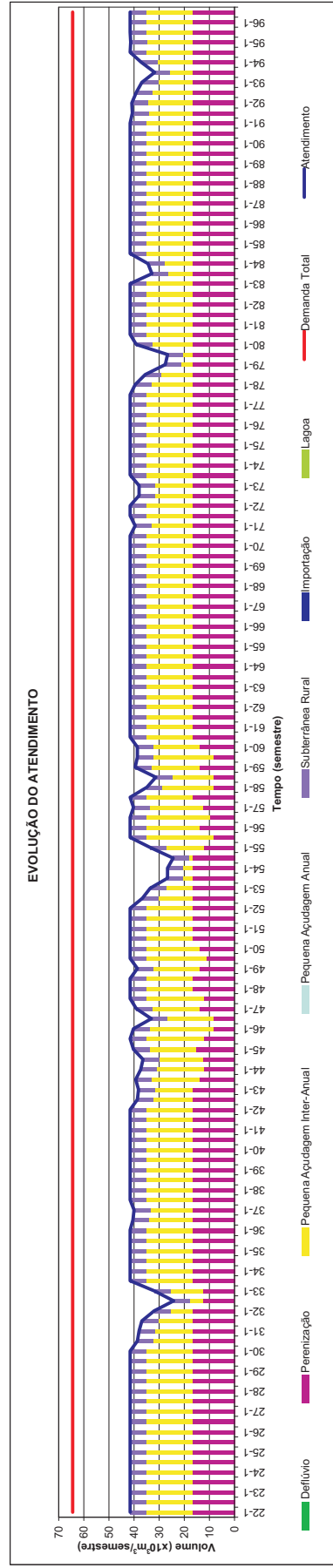
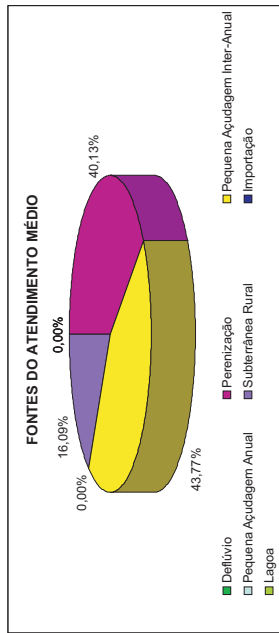
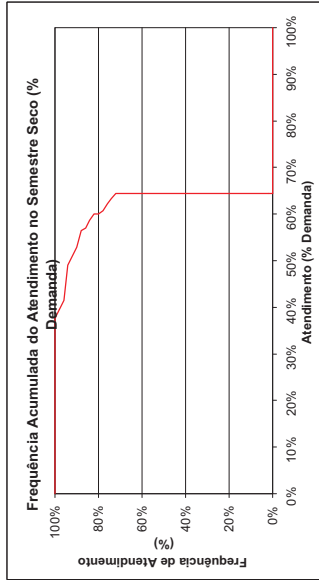
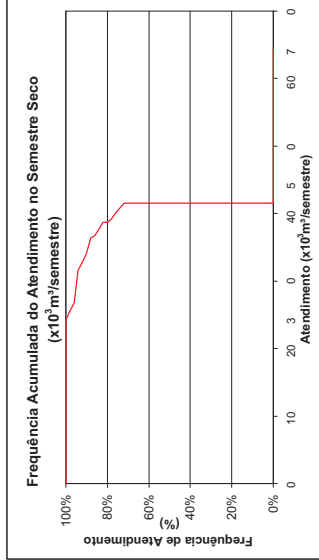
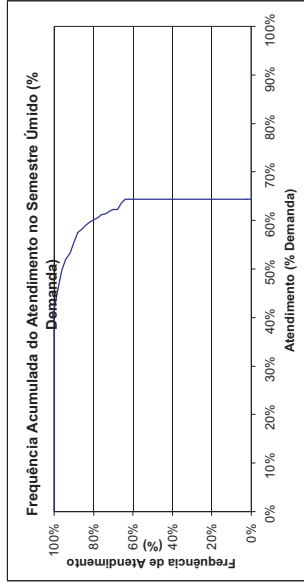
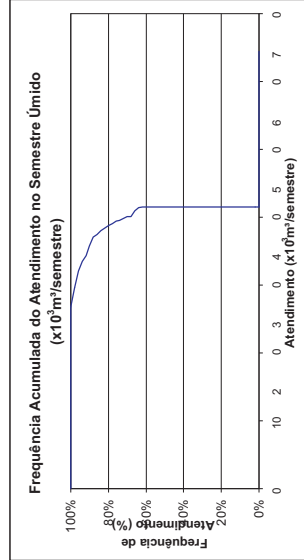


Quixadá

Demanda Humana Rural - Consolidação por Município

Horizonte 2020 com Infra-estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	41.514	64%	41.514	64%
10%	41.514	64%	41.514	64%
20%	41.514	64%	41.514	64%
30%	41.514	64%	41.514	64%
40%	41.514	64%	41.514	64%
50%	41.514	64%	41.514	64%
60%	41.514	64%	41.514	64%
70%	40.1156	62%	41.514	64%
80%	38.7456	60%	38.7122	60%
90%	35.7528	55%	34.0748	53%
100%	26.766	42%	24.229	38%
Atend. Médio	41.514	64%	41.514	64%
Freq. de Falha	26.766	42%	24.229	38%
Demanda	100,00%		100,00%	
	64,422 x10³m³/semestre		4,14 l/s	



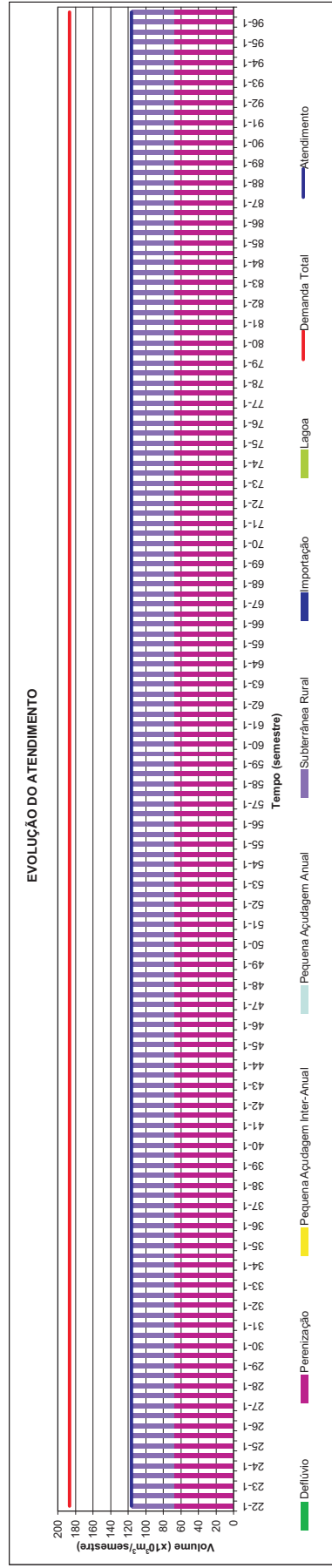
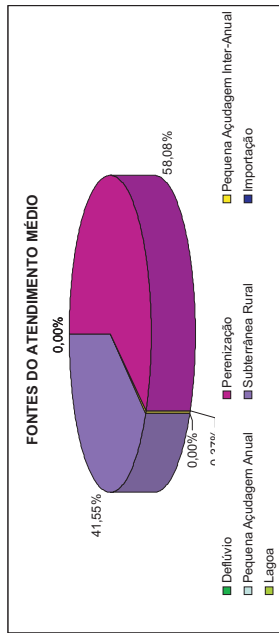
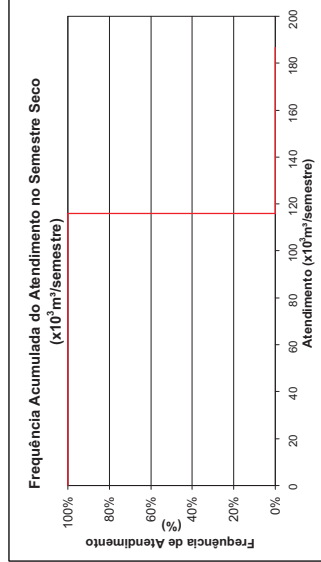
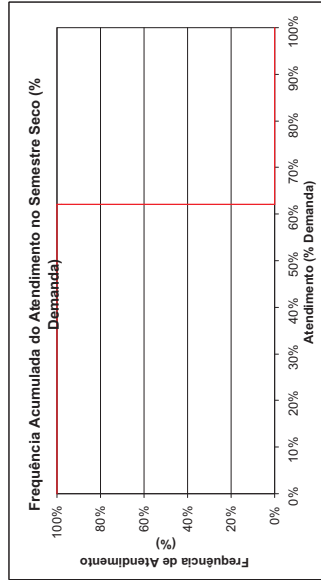
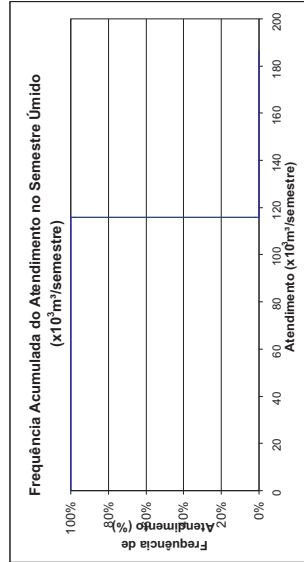
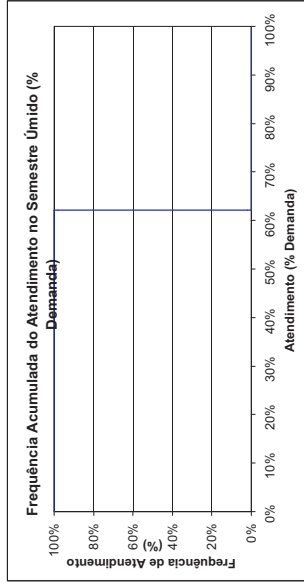


Redenção

Demanda Humana Rural - Consolidação por Município

Horizonte 2020 com Infra-estrutura Atual

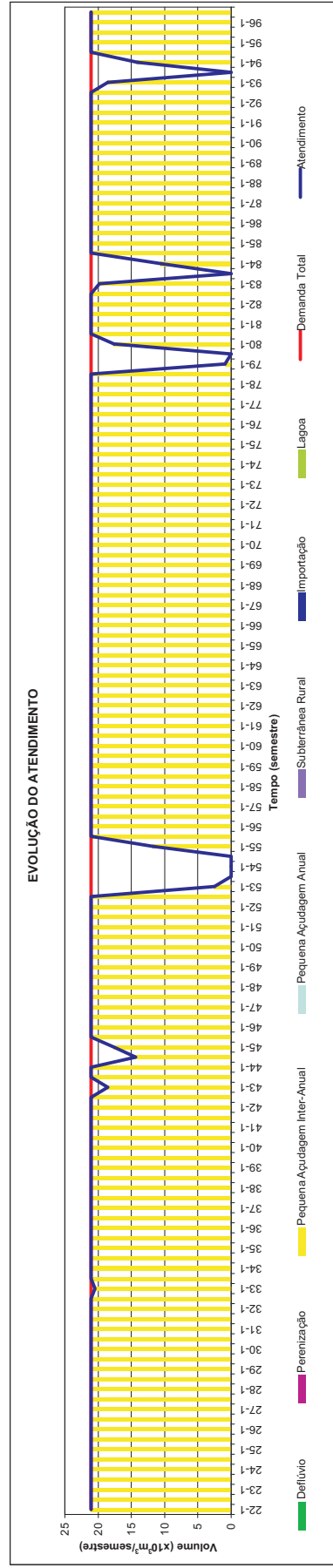
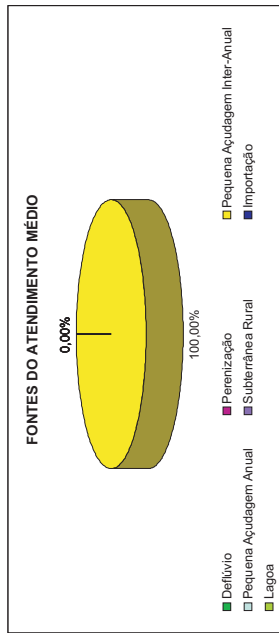
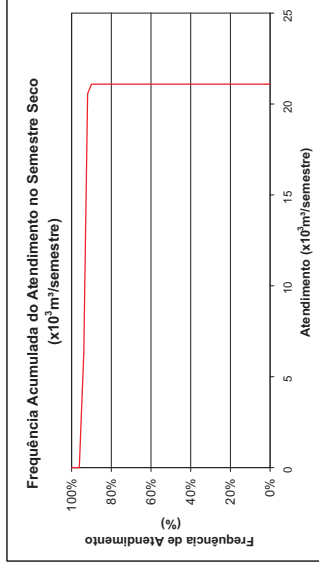
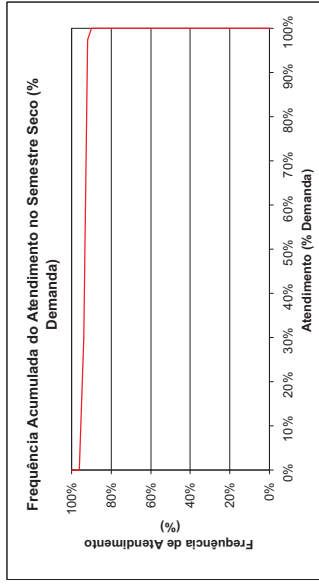
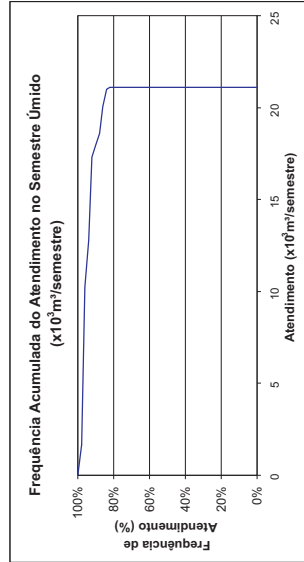
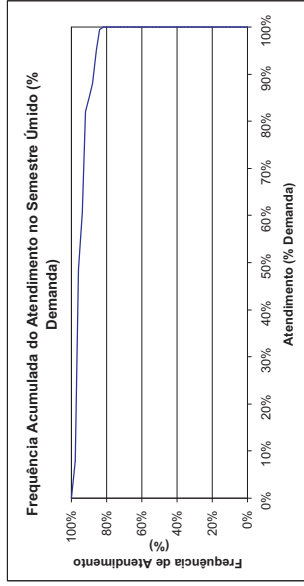
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	115.914	62%	115.914	62%
10%	115.914	62%	115.914	62%
20%	115.914	62%	115.914	62%
30%	115.914	62%	115.914	62%
40%	115.914	62%	115.914	62%
50%	115.914	62%	115.914	62%
60%	115.914	62%	115.914	62%
70%	115.914	62%	115.914	62%
80%	115.914	62%	115.914	62%
90%	115.914	62%	115.914	62%
100%	115.914	62%	115.914	62%
Atend. Médio	115.914	62%	115.914	62%
Atend. Mínimo	115.914	62%	115.914	62%
Freq. de Falha	100,00%		100,00%	
Demanda	186.552	x10³m³/semestre	12.00	l/s

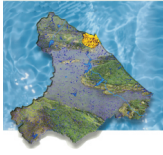




Russas Demanda Humana Rural - Consolidação por Município Horizonte 2020 com Infra-estrutura Atual

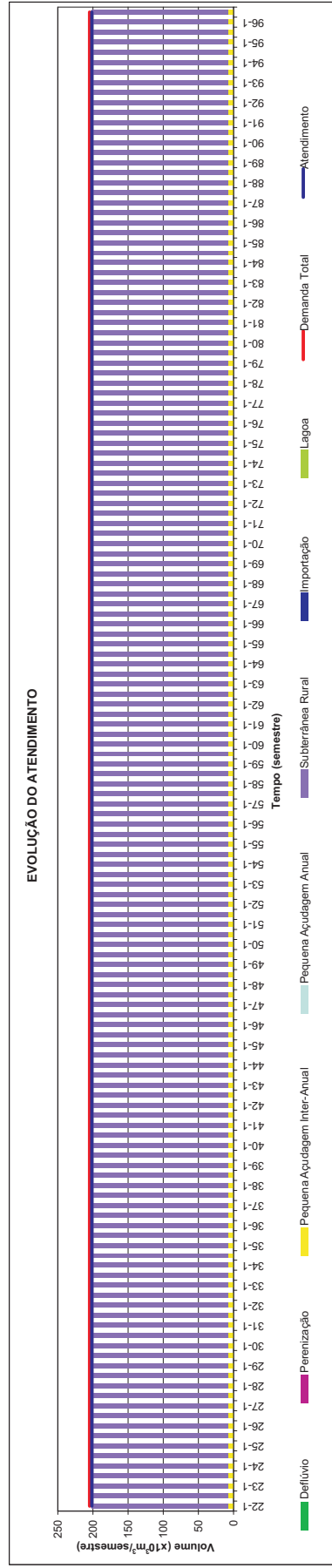
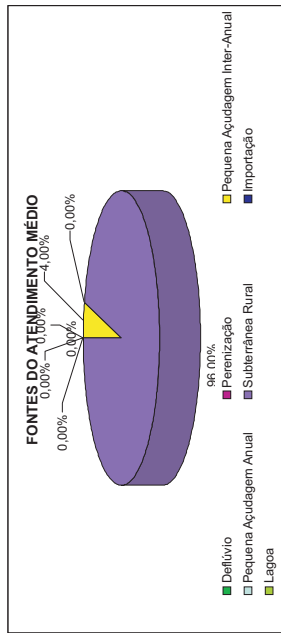
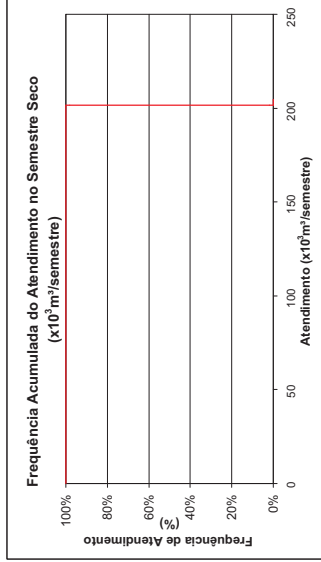
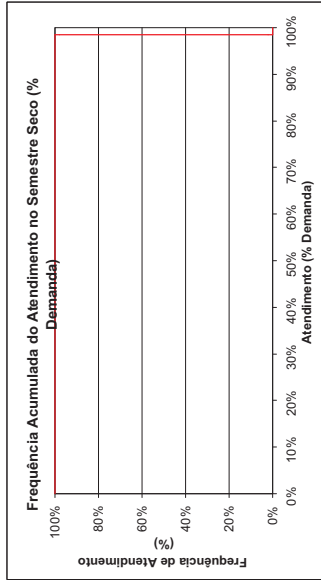
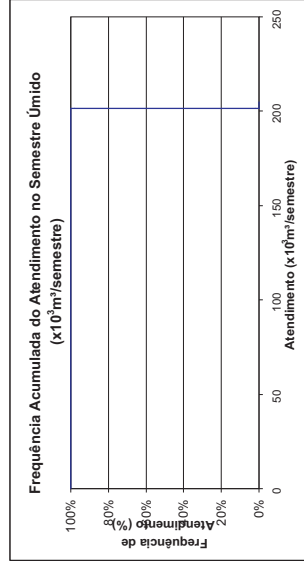
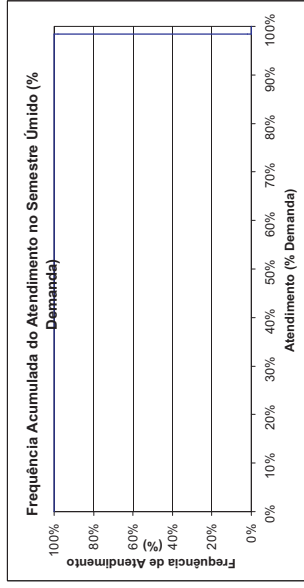
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	21,096	100%	21,096	100%
10%	21,096	100%	21,096	100%
20%	21,096	100%	21,096	100%
30%	21,096	100%	21,096	100%
40%	21,096	100%	21,096	100%
50%	21,096	100%	21,096	100%
60%	21,096	100%	21,096	100%
70%	21,096	100%	21,096	100%
80%	21,096	100%	21,096	100%
90%	17,972	85%	21,096	100%
100%	0	0%	0	0%
Atend. Médio	21,096	100%	21,096	100%
Freq. de Falha	0	0%	0	0%
Demanda	21,096 x10³m³/semestre	16,00%	8,00%	1,36 l/s



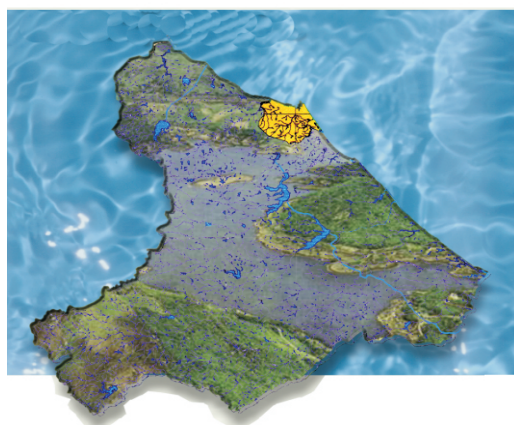


São Gonçalo do Amarante
Demanda Humana Rural - Consolidação por Município
 Horizonte 2020 com Infra-estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	201.594	98%	201.594	98%
10%	201.594	98%	201.594	98%
20%	201.594	98%	201.594	98%
30%	201.594	98%	201.594	98%
40%	201.594	98%	201.594	98%
50%	201.594	98%	201.594	98%
60%	201.594	98%	201.594	98%
70%	201.594	98%	201.594	98%
80%	201.594	98%	201.594	98%
90%	201.594	98%	201.594	98%
100%	201.594	98%	201.594	98%
Atend. Médio	201.594	98%	201.594	98%
Atend. Mínimo	201.594	98%	201.594	98%
Freq. de Falha	100,00%		100,00%	
Demanda	204.786 x10³ m³/semestre		13.17 l/s	



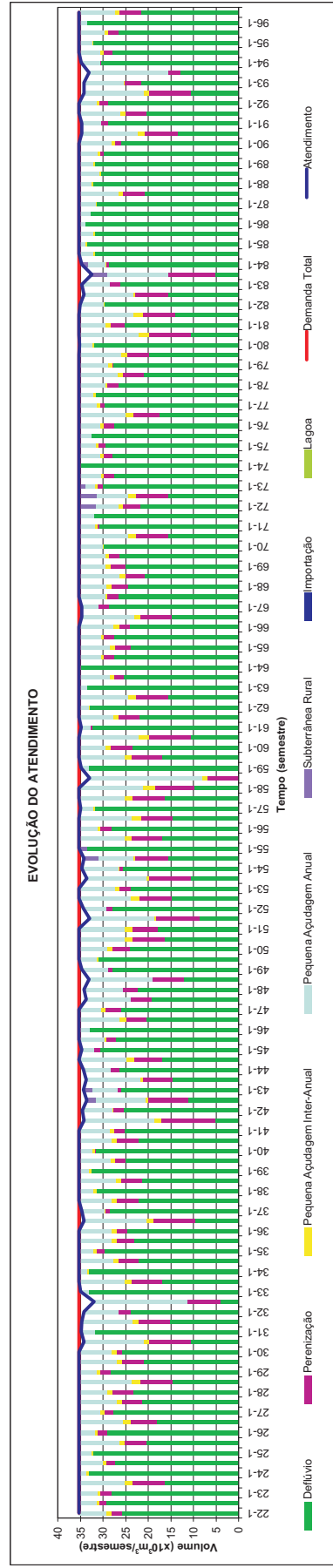
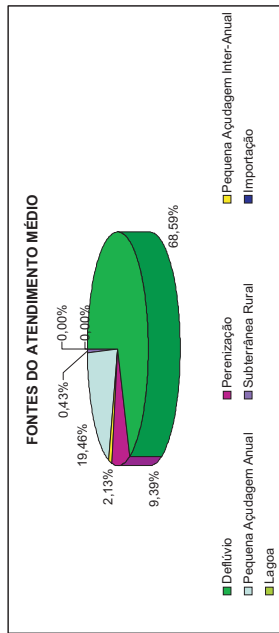
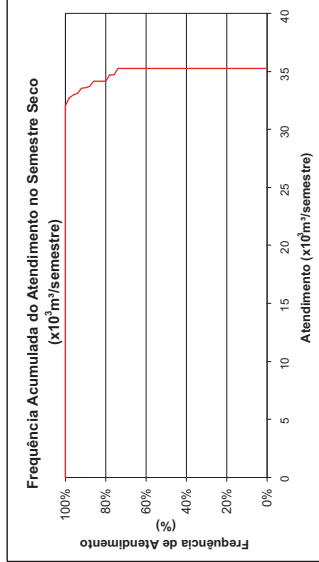
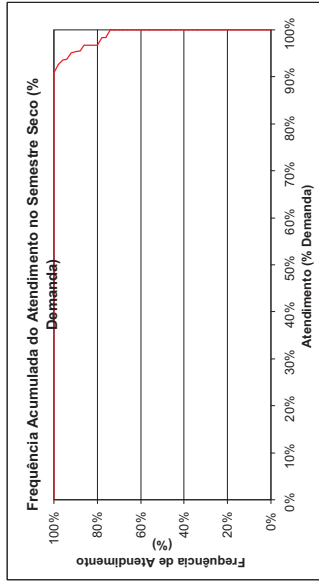
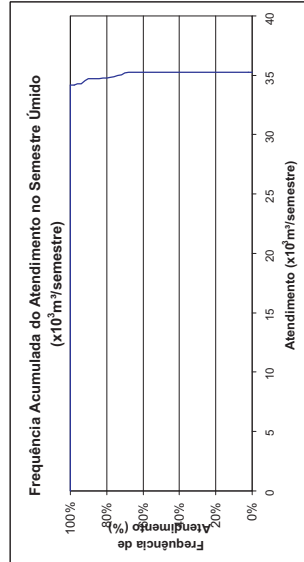
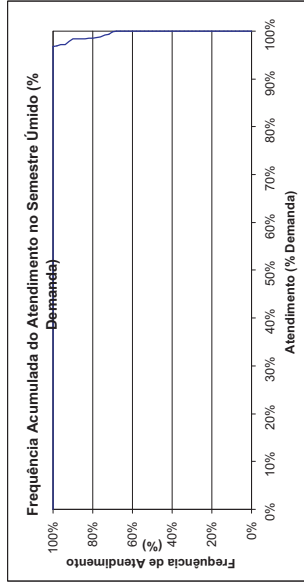
PLANO DE GERENCIAMENTO DAS ÁGUAS DAS BACIAS METROPOLITANAS





Acarape
Demanda Animal Rural - Consolidação por Município
 Horizonte 2020 com Infra-estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	35.274	100%	35.274	100%
10%	35.274	100%	35.274	100%
20%	35.274	100%	35.274	100%
30%	35.274	100%	35.274	100%
40%	35.274	100%	35.274	100%
50%	35.274	100%	35.274	100%
60%	35.274	100%	35.274	100%
70%	35.2052	100%	35.274	100%
80%	34.7752	98%	34.136	97%
90%	34.705	98%	33.6162	95%
100%	34.156	97%	32.036	91%
Atend. Médio	35.274	100%	35.274	100%
Atend. Mínimo	34.156	97%	32.036	91%
Freq. de Falha	30,67%		25,33%	
Demanda	35.274 m ³ /semestre		2.27 /s	



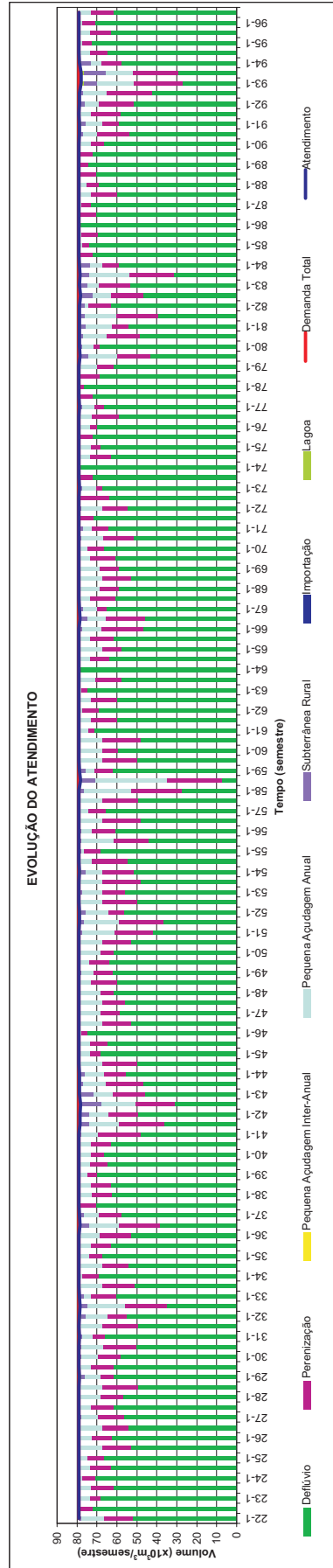
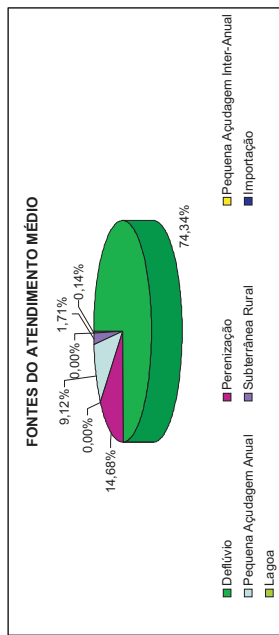
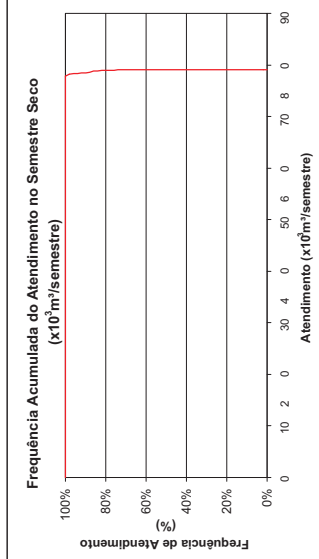
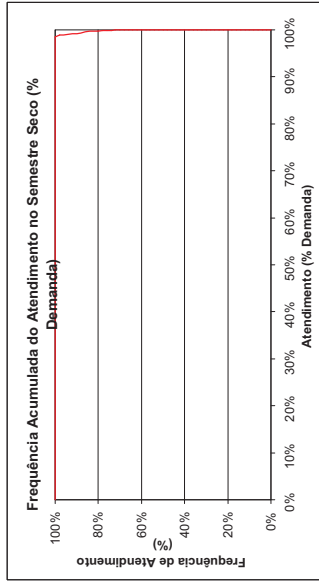
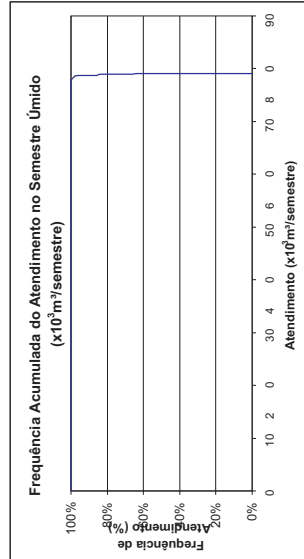
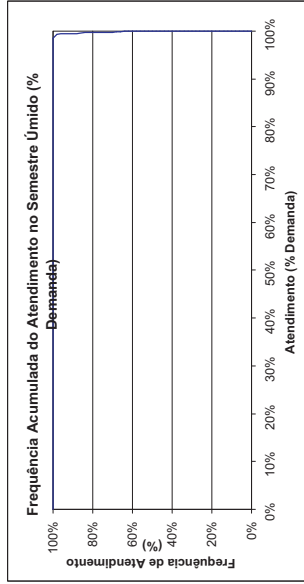


Aquiraz

Demanda Animal Rural - Consolidação por Município

Horizonte 2020 com Infra-estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	79.104	100%	79.104	100%
10%	79.104	100%	79.104	100%
20%	79.104	100%	79.104	100%
30%	79.104	100%	79.104	100%
40%	79.104	100%	79.104	100%
50%	79.104	100%	79.104	100%
60%	79.104	100%	79.104	100%
70%	78.9212	100%	79.104	100%
80%	78.902	100%	78.902	100%
90%	78.7	98%	78.498	98%
100%	77.892	98%	77.892	98%
Atend. Mínimo	79.104	100%	79.104	100%
Atend. Máximo	77.892	98%	77.892	98%
Freq. de Falha	34,67%		26,67%	
Demanda	79.104 m³/semestre		5,09 l/s	



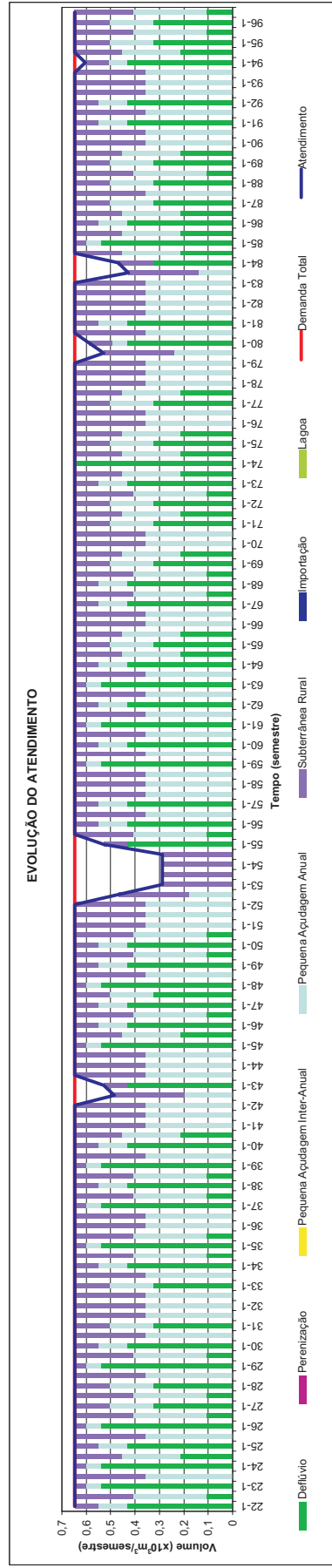
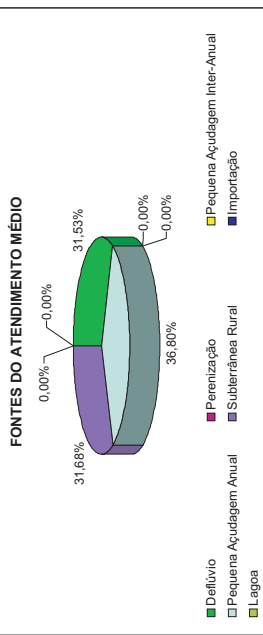
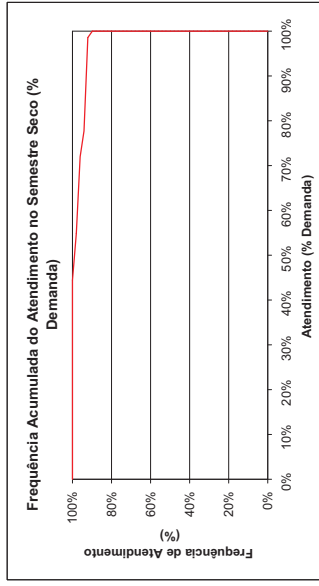
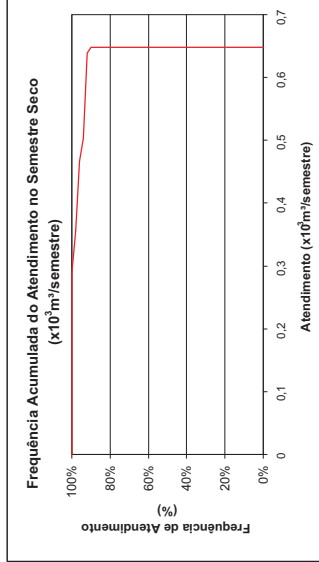
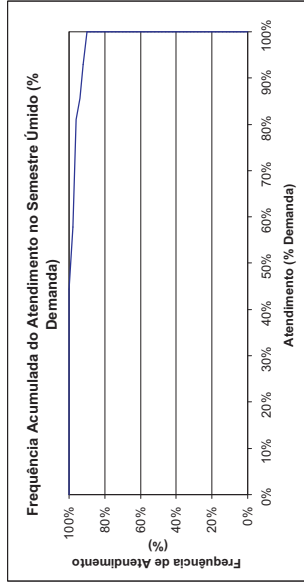
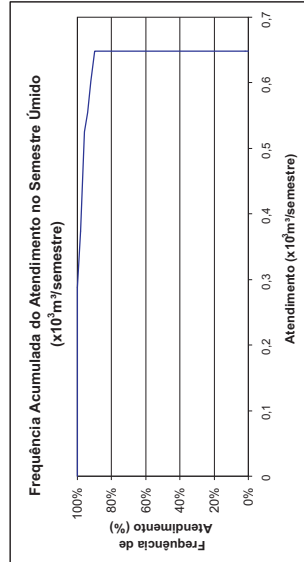


Aracati

Demanda Animal Rural - Consolidação por Município

Horizonte 2020 com Infra-estrutura Atual

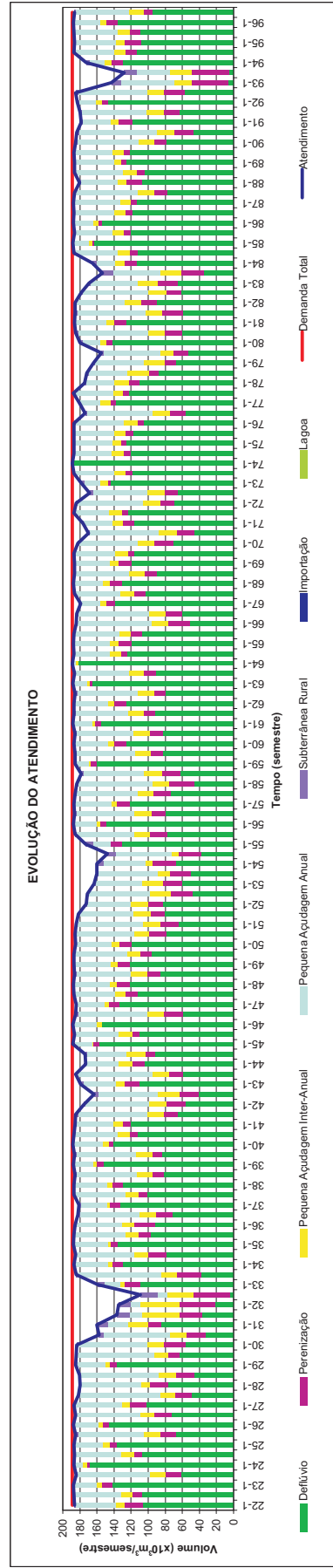
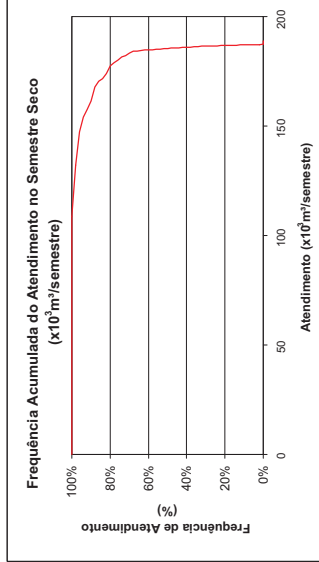
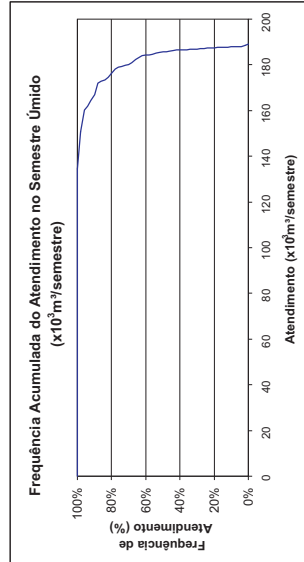
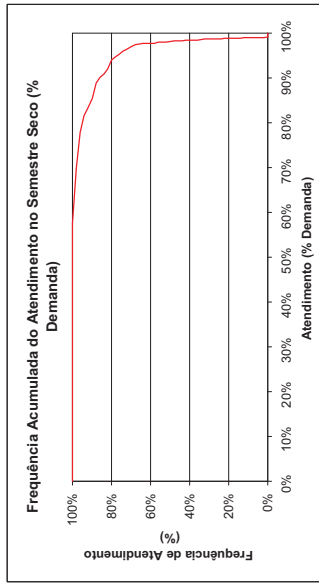
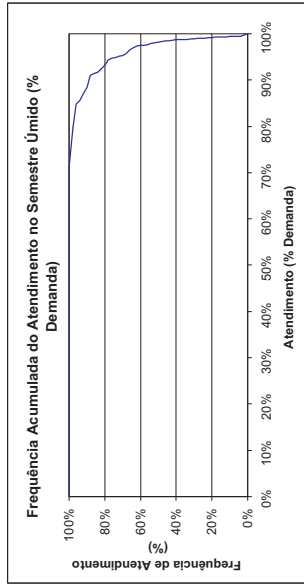
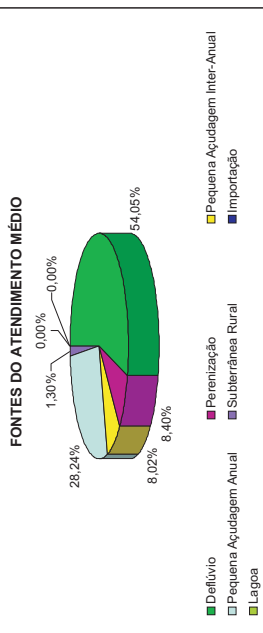
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	0,648	100%	0,648	100%
10%	0,648	100%	0,648	100%
20%	0,648	100%	0,648	100%
30%	0,648	100%	0,648	100%
40%	0,648	100%	0,648	100%
50%	0,648	100%	0,648	100%
60%	0,648	100%	0,648	100%
70%	0,648	100%	0,648	100%
80%	0,648	100%	0,648	100%
90%	0,288	44%	0,288	44%
100%	0,288	44%	0,288	44%
Atend. Médio	0,648	100%	0,648	100%
Atend. Mínimo	0,288	44%	0,288	44%
Freq. de Falha	9,33%		8,00%	
Demanda	0,648 m³/semestre		0,04 l/s	





Aracoiaba Demanda Animal Rural - Consolidação por Município Horizonte 2020 com Infra-estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	189.006	100%	187.324	99%
10%	187.9128	99%	187	99%
20%	187.5038	99%	186.822	99%
30%	187.58104	99%	186.499	99%
40%	186.5366	99%	185.998	98%
50%	185.579	98%	185.379	98%
60%	184.226	97%	184.658	98%
70%	180.2244	95%	183.4632	97%
80%	176.2302	93%	177.6276	94%
90%	167.0242	88%	161.4232	85%
100%	134.488	71%	108.832	58%
Atend. Mínimo	185.579	98%	185.379	98%
Atend. Máximo	134.488	71%	108.832	58%
Freq. de Falha				
Demanda		98,67%	100,00%	59%
		189,006 m³/semestre	12,15 l/s	



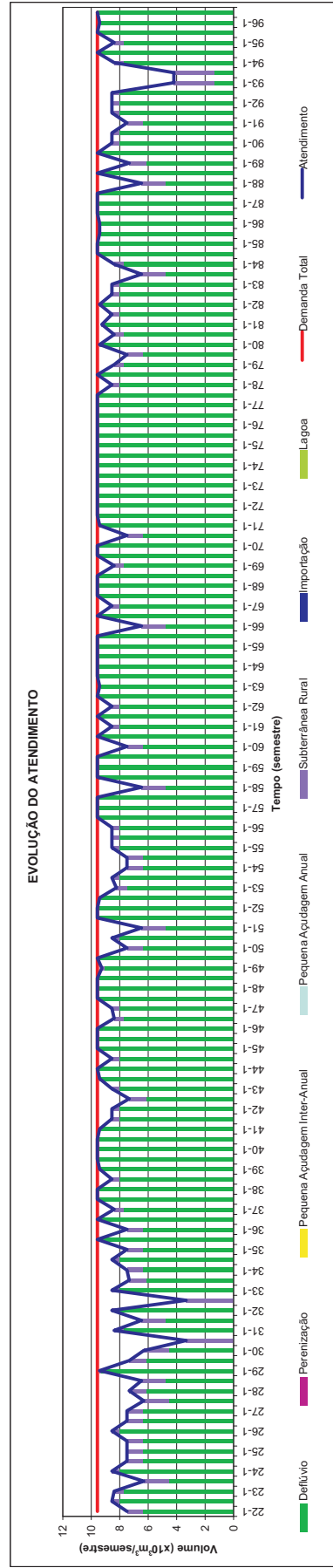
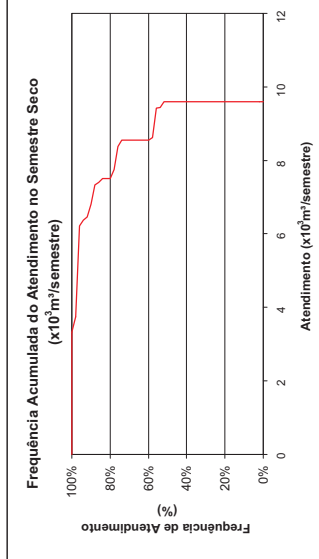
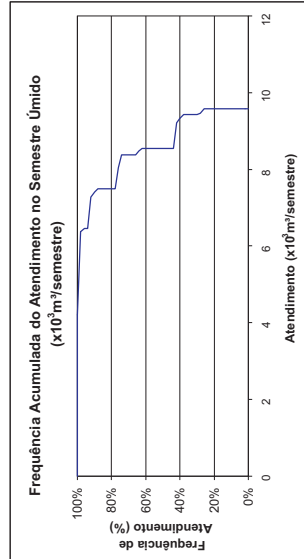
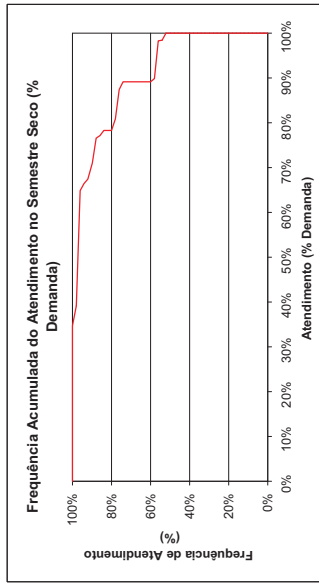
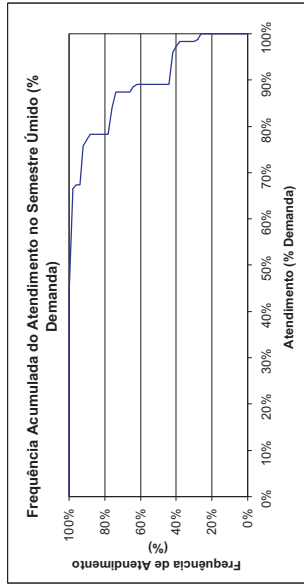
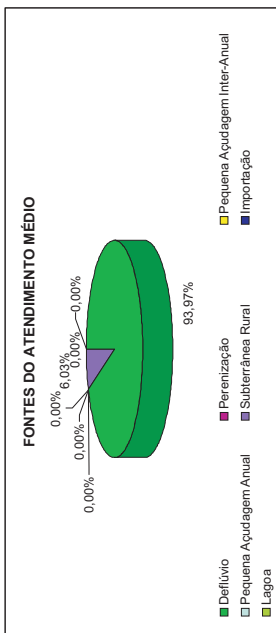


Aratuba

Demanda Animal Rural - Consolidação por Município

Horizonte 2020 com Infra-estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	9.588	100%	9.588	100%
10%	9.588	100%	9.588	100%
20%	9.588	100%	9.588	100%
30%	9.588	98%	9.588	100%
40%	9.3272	97%	9.588	100%
50%	8.545	89%	9.588	100%
60%	8.545	89%	8.545	89%
70%	8.382	87%	8.545	89%
80%	7.502	78%	7.502	78%
90%	7.4042	77%	6.811	71%
100%	4.21	44%	3.33	35%
Atend. Mínimo	8.545	89%	9.588	100%
Freq. de Falha	4.21	44%	3.33	35%
Demanda	72,00%		46,67%	
	9.588 m³/semestre		0,62 l/s	



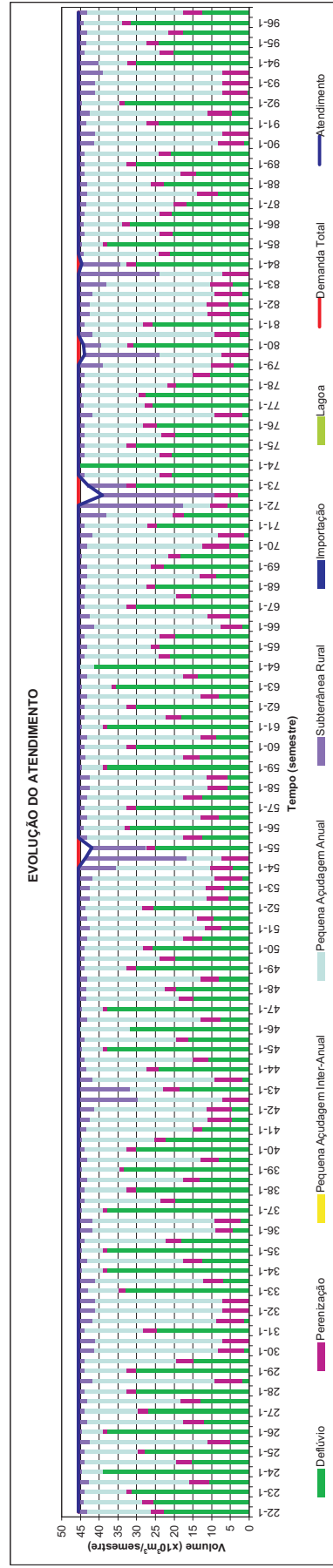
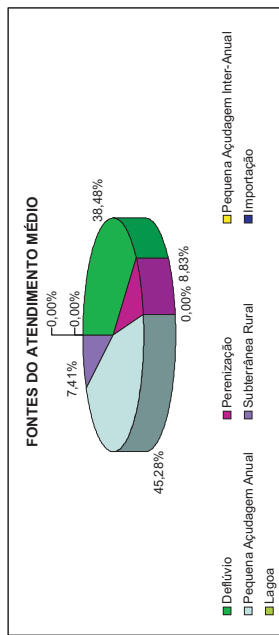
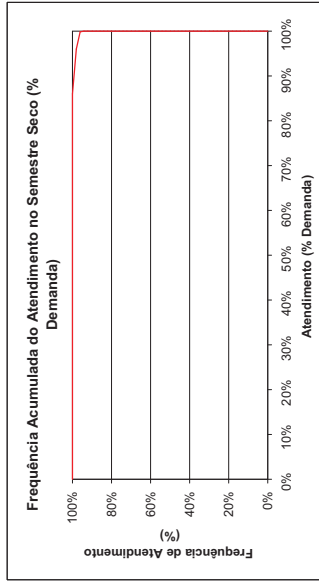
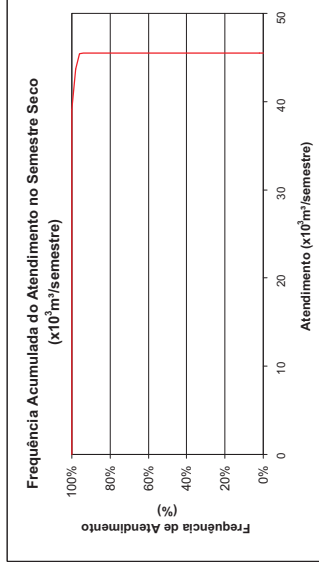
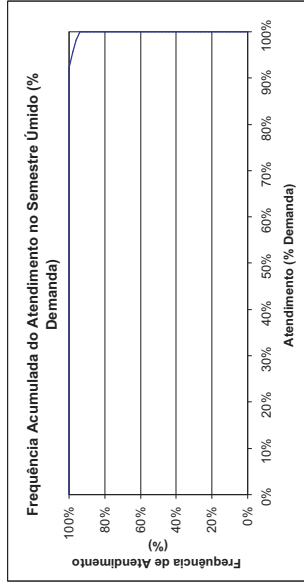
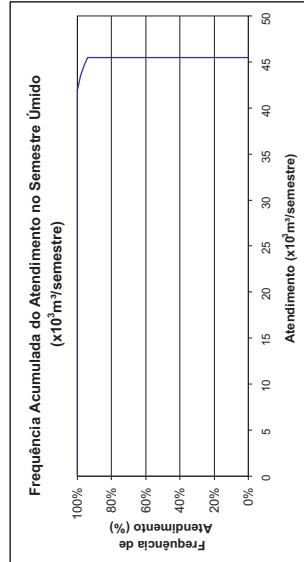


Barreira

Demanda Animal Rural - Consolidação por Município

Horizonte 2020 com Infra-estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	45,498	100%	45,498	100%
10%	45,498	100%	45,498	100%
20%	45,498	100%	45,498	100%
30%	45,498	100%	45,498	100%
40%	45,498	100%	45,498	100%
50%	45,498	100%	45,498	100%
60%	45,498	100%	45,498	100%
70%	45,498	100%	45,498	100%
80%	45,498	100%	45,498	100%
90%	45,498	100%	45,498	100%
100%	41,963	92%	39,111	86%
Atend. Médio	45,498	100%	45,498	100%
Atend. Mínimo	41,963	92%	39,111	86%
Freq. de Falha	5,33%		4,00%	
Demanda	45,498 m³/semestre		2,93 l/s	



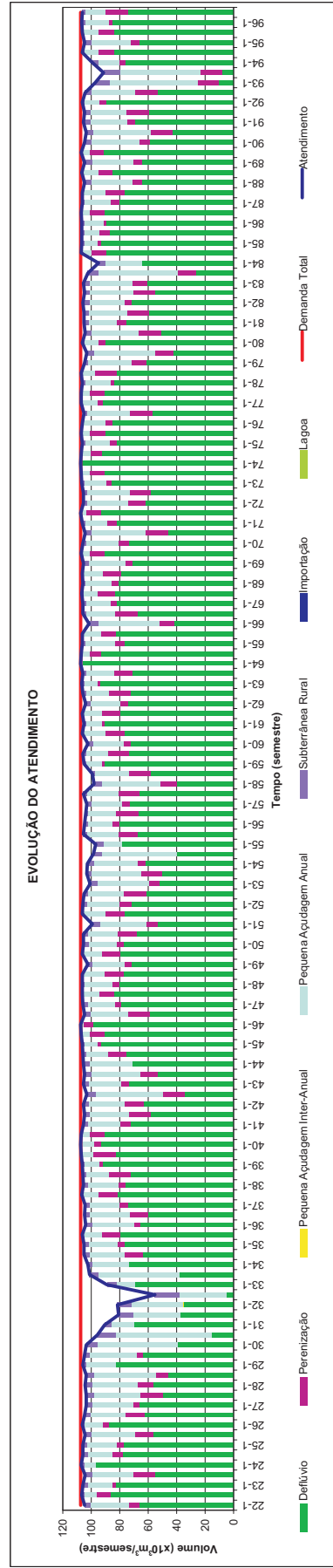
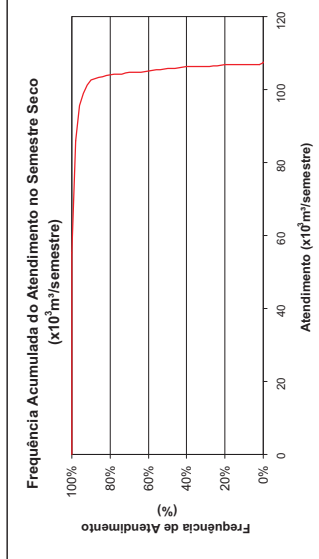
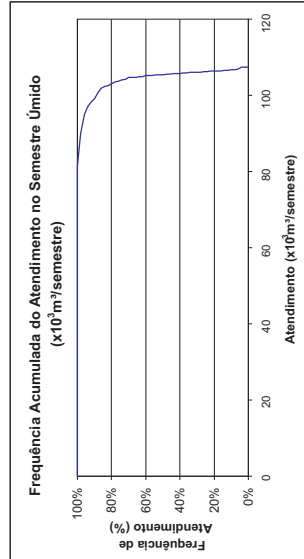
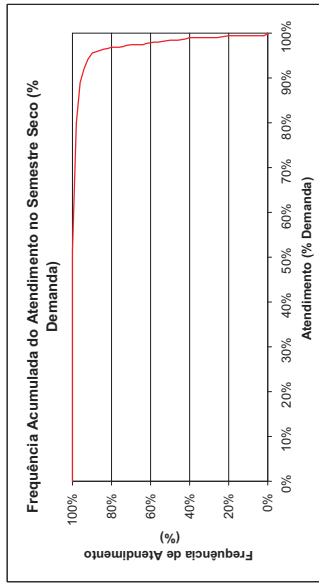
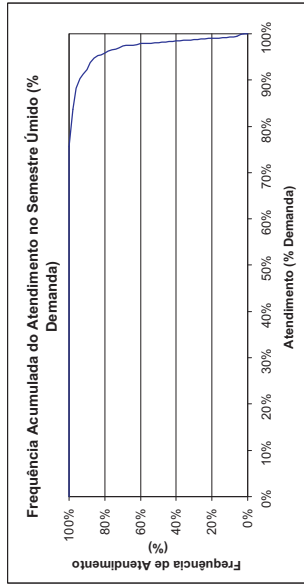
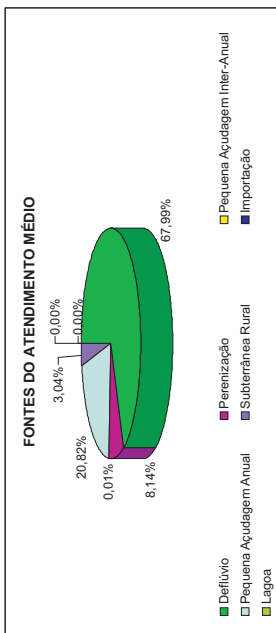


Baturité

Demanda Animal Rural - Consolidação por Município

Horizonte 2020 com Infra-estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	107.472	100%	107.363	100%
10%	106.657,4	99%	106.897	99%
20%	106.382,2	99%	106.785,4	99%
30%	106.434,4	99%	106.340,4	99%
40%	105.782,8	98%	106.322	99%
50%	105.42	98%	105.793	98%
60%	104.212,8	98%	105.150,8	98%
70%	104.693,6	97%	104.658,2	97%
80%	103.081,8	96%	104.107,8	97%
90%	99.153	92%	102.68	96%
100%	81.383	76%	55.244	51%
Atend. Mínimo	105.42	98%	105.793	98%
Atend. Médio	81.383	76%	55.244	51%
Freq. de Falha	96,00%		100,00%	
Demanda	107.472 m³/semestre		6,91 l/s	



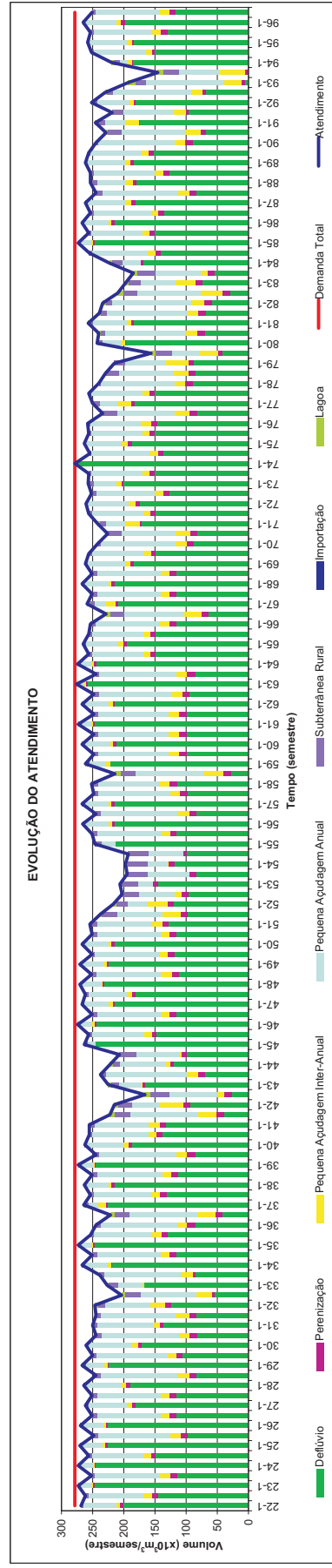
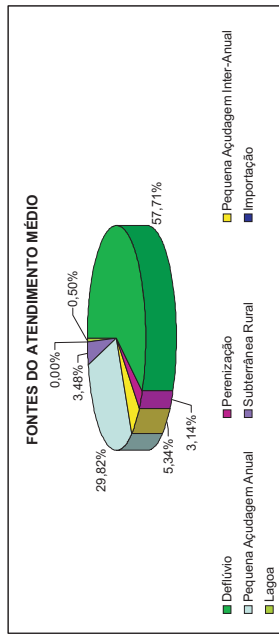
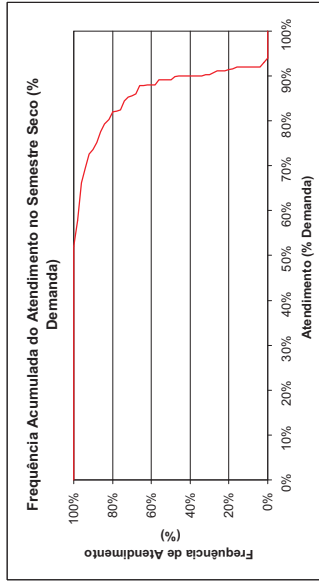
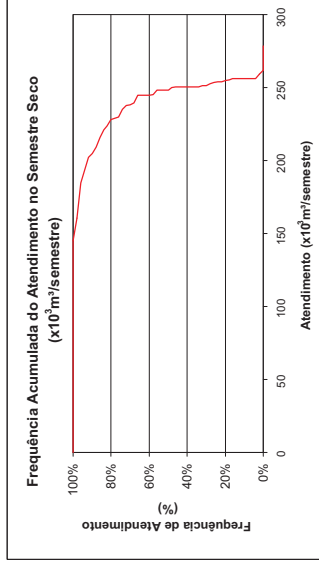
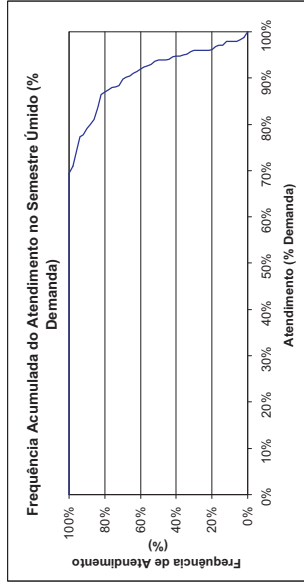
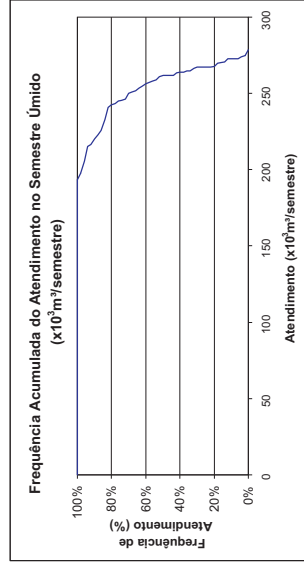


Beberibe

Demanda Animal Rural - Consolidação por Município

Horizonte 2020 com Infra-estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	278.478	100%	261.708	94%
10%	272.888	98%	256.118	92%
20%	267.576	96%	254.794,2	91%
30%	266.631,6	96%	251.472,8	90%
40%	263.744,8	95%	250.528	90%
50%	261.708	94%	248.179	89%
60%	256.266	92%	244.938	88%
70%	250.035,8	90%	238.296,2	86%
80%	242.376,6	87%	228.247,2	82%
90%	220.410,2	79%	205.026	74%
100%	193.267	69%	145.133	52%
Atend. Mínimo	261.708	94%	248.179	89%
Freq. de Falha	193.267	69%	145.133	52%
Demanda	278.478 m ³ /semestre		100,00%	
			17,91 l/s	



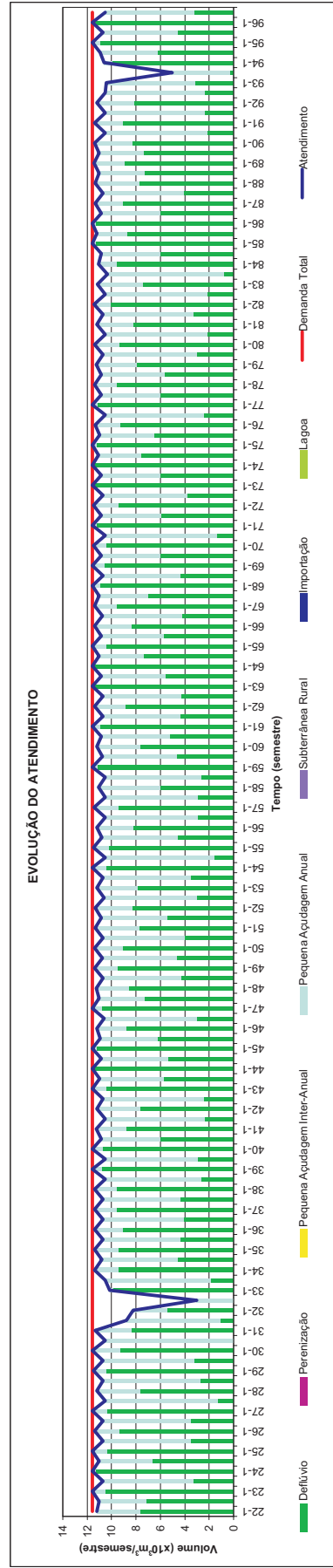
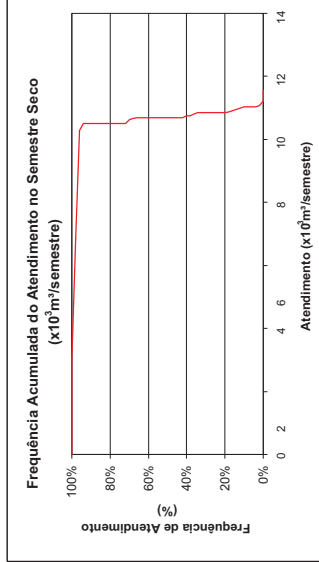
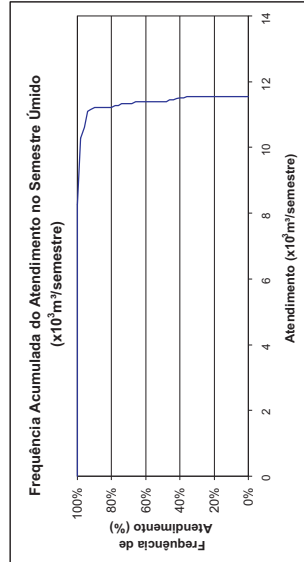
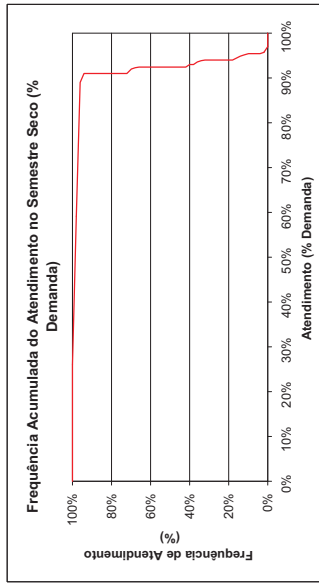
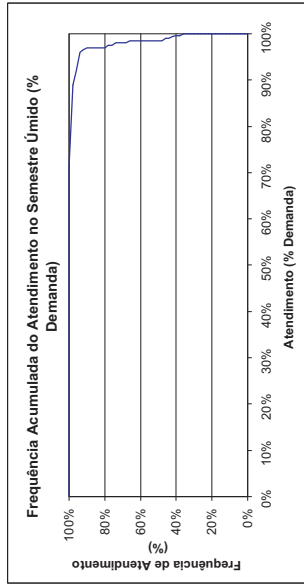
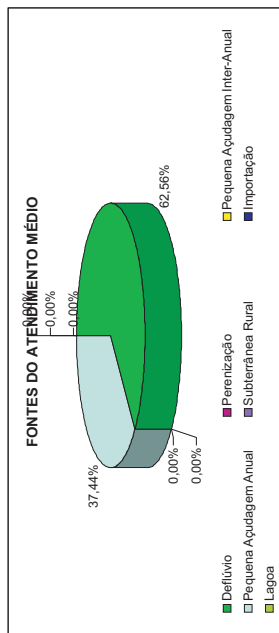


Canindé

Demanda Animal Rural - Consolidação por Município

Horizonte 2020 com Infra-estrutura Atual

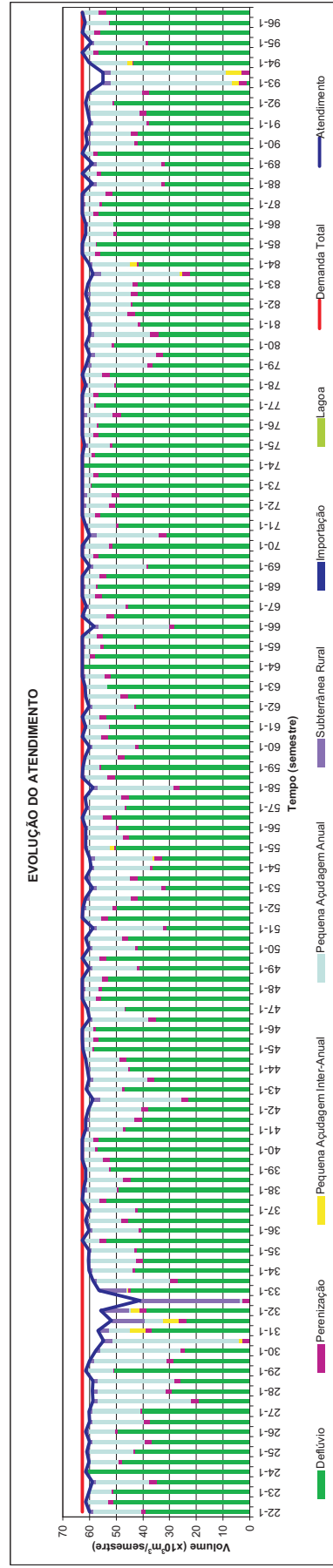
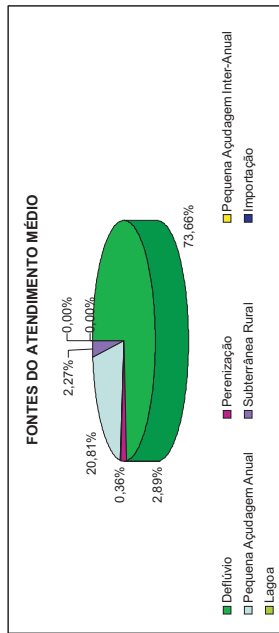
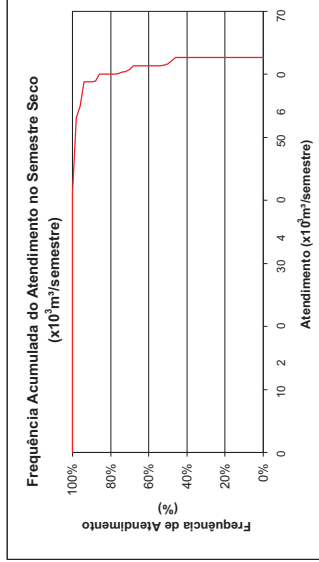
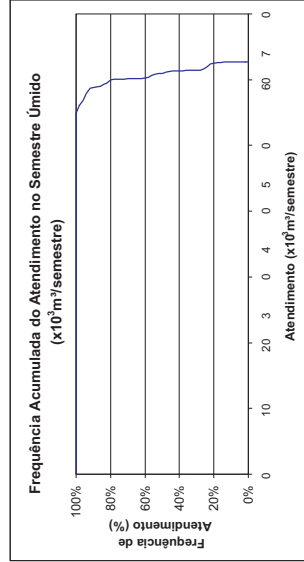
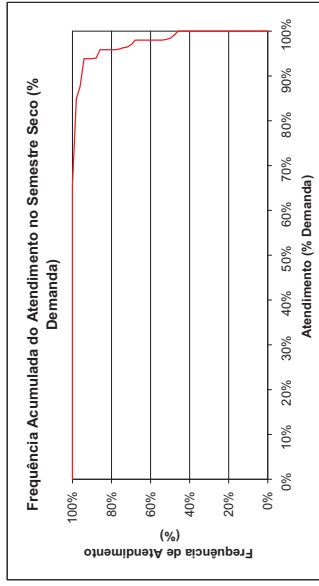
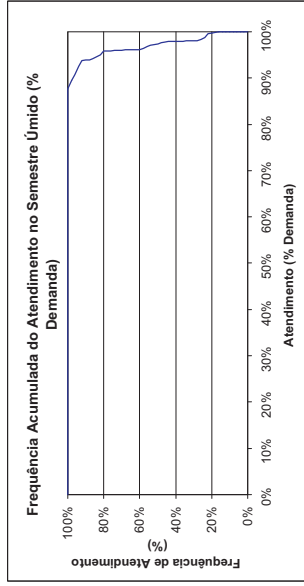
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	11,566	100%	11,208	97%
10%	11,566	100%	11,034	95%
20%	11,566	100%	10,86	94%
30%	11,566	100%	10,86	94%
40%	11,502	100%	10,746	93%
50%	11,388	99%	10,686	92%
60%	11,382	98%	10,686	92%
70%	11,328	98%	10,632	92%
80%	11,208	97%	10,512	91%
90%	11,208	97%	10,512	91%
100%	8,249	71%	3,012	26%
Atend. Médio	11,388	99%	10,686	92%
Freq. de Falha	8,249	71%	3,012	26%
Demanda	62,67% 11,566 m³/semestre		100,00% 0,74 l/s	





Capistrano
Demanda Animal Rural - Consolidação por Município
 Horizonte 2020 com Infra-estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	62.652	100%	62.652	100%
10%	62.652	100%	62.652	100%
20%	62.497	100%	62.652	100%
30%	62.58108	98%	62.652	100%
40%	61.36	98%	62.652	100%
50%	60.983	97%	61.675	98%
60%	60.2516	96%	61.36	98%
70%	60.1462	96%	60.7768	97%
80%	60.0114	96%	60.068	96%
90%	58.8266	94%	58.776	94%
100%	54.923	88%	41.197	66%
Atend. Mínimo	60.983	97%	61.675	98%
Freq. de Falha	54.923	88%	41.197	66%
Demanda	84,00%		52,00%	
	62.652 m³/semestre		4.03 l/s	



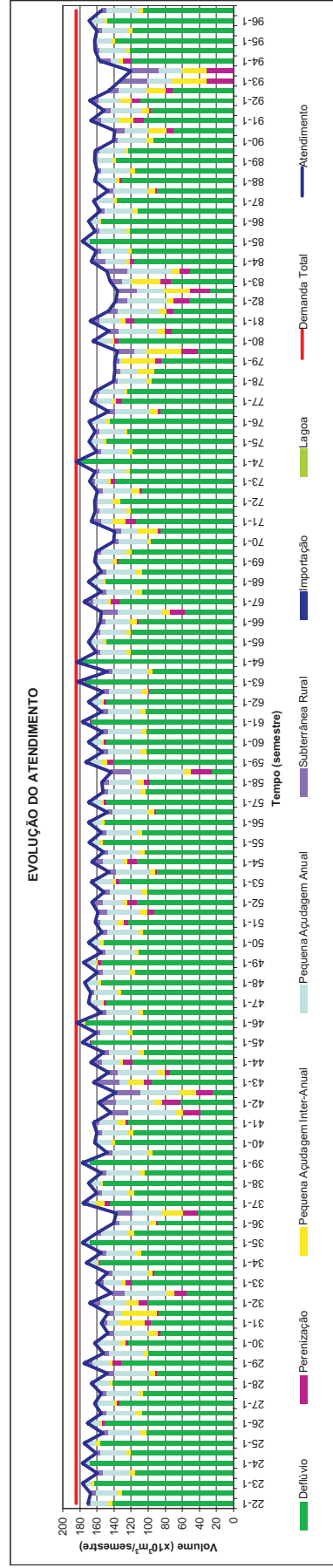
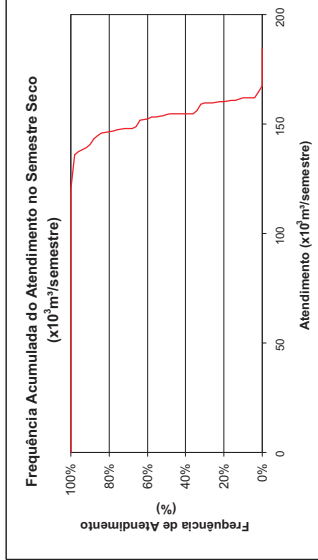
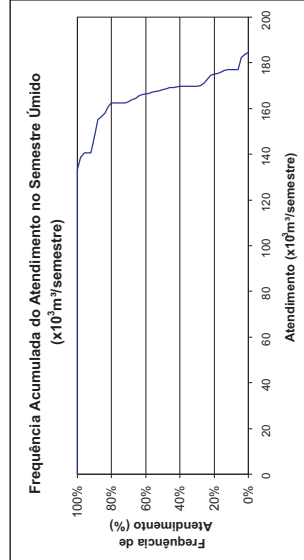
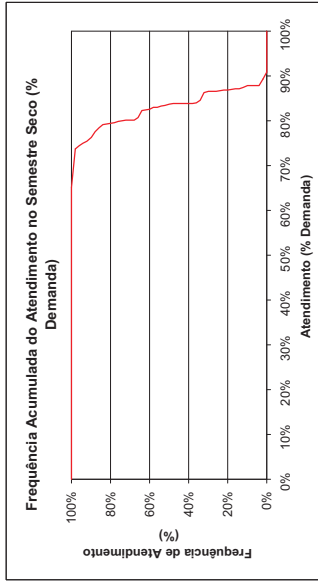
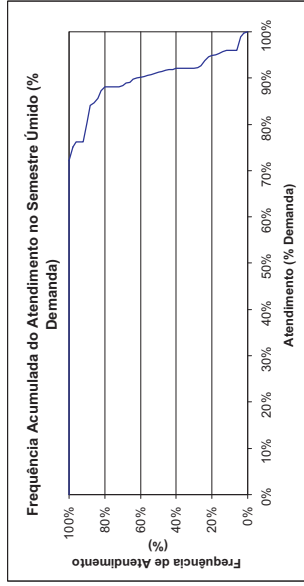
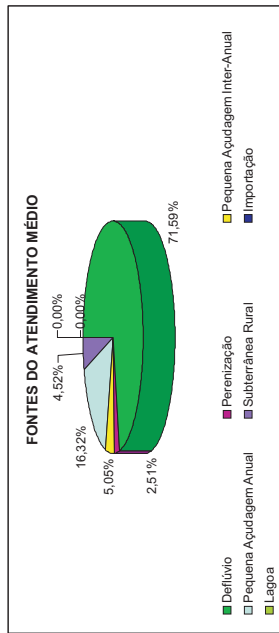


Cascavel

Demanda Animal Rural - Consolidação por Município

Horizonte 2020 com Infra-estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	184,47	100%	167,601	91%
10%	177,166	96%	161,978	86%
20%	175,0228	95%	160,2496	87%
30%	175,2918	92%	159,5798	87%
40%	169,8414	92%	154,689	84%
50%	168,455	91%	154,456	84%
60%	166,4624	90%	152,381	83%
70%	162,991	88%	147,962	80%
80%	162,438	88%	146,5198	79%
90%	148,302	80%	140,744	76%
100%	133,199	72%	120,124	65%
Atend. Mínimo	168,455	91%	154,456	84%
Freq. de Falha	133,199	72%	120,124	65%
Demanda	184,470 m³/semestre		100,00%	
			11,86 l/s	



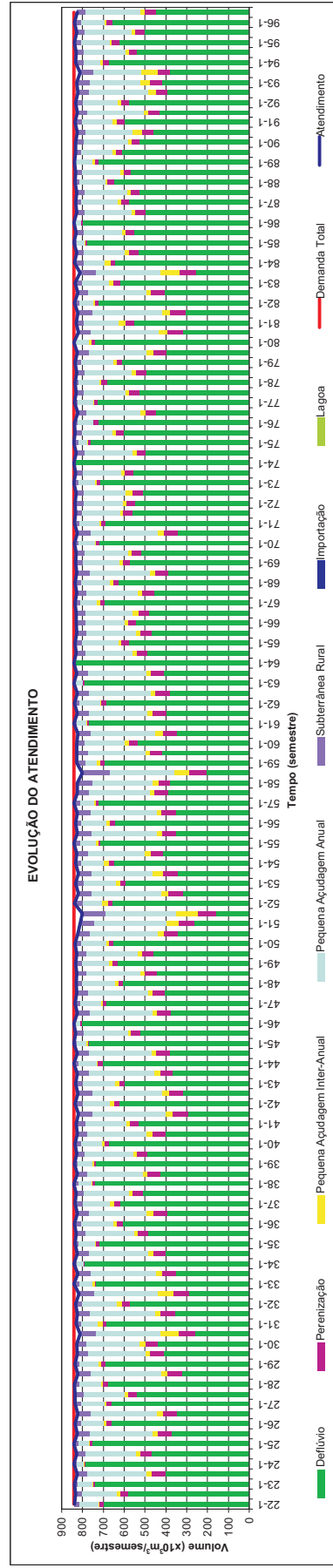
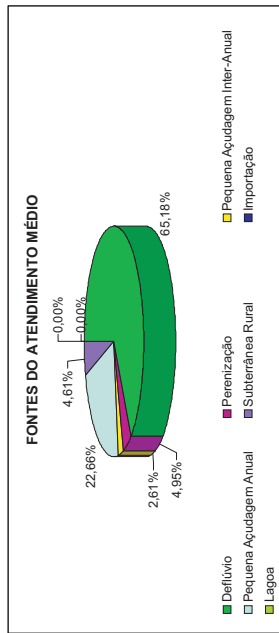
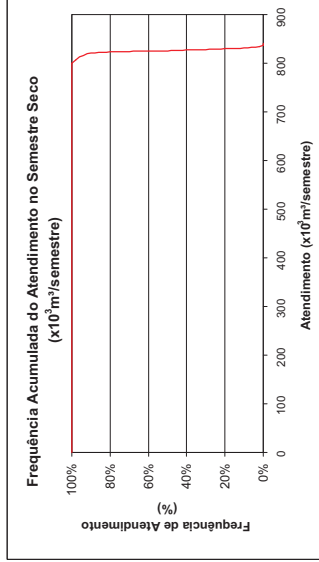
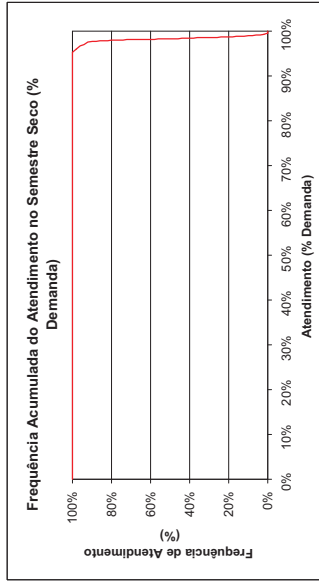
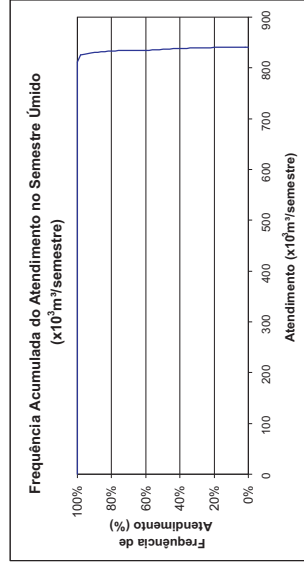
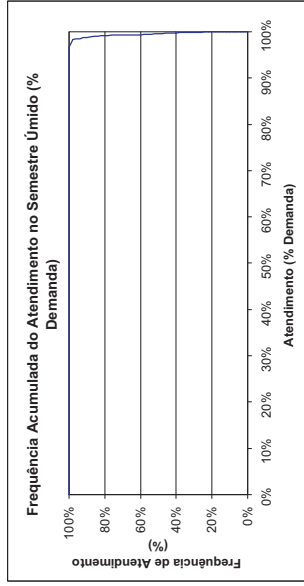


Caucaia

Demanda Animal Rural - Consolidação por Município

Horizonte 2020 com Infra-estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	840,15	100%	836,733	100%
10%	840,15	100%	831,468	99%
20%	840,15	100%	829,8706	99%
30%	840,15	100%	828,2264	99%
40%	838,404	100%	827,2594	98%
50%	836,51	100%	825,56	98%
60%	834,746	99%	824,7838	98%
70%	834,413	99%	824,2232	98%
80%	833,213	99%	823,0692	98%
90%	830,1374	99%	820,594	95%
100%	811,975	97%	800,345	95%
Atend. Médio	836,51	100%	825,56	98%
Atend. Mínimo	811,975	97%	800,345	95%
Freq. de Falha	77,33%		100,00%	
Demanda	840,150 m ³ /semestre		54,02 l/s	



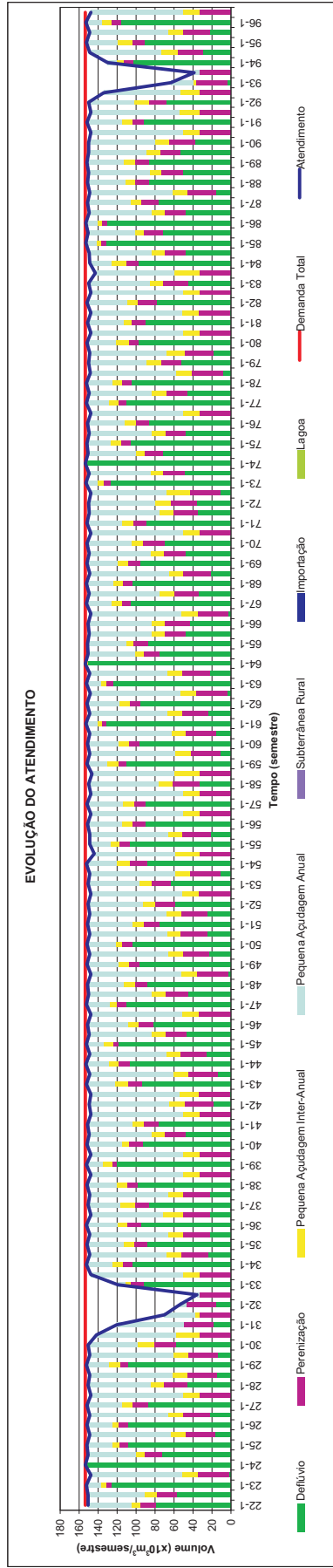
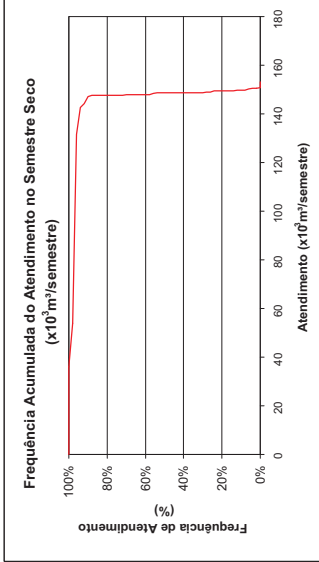
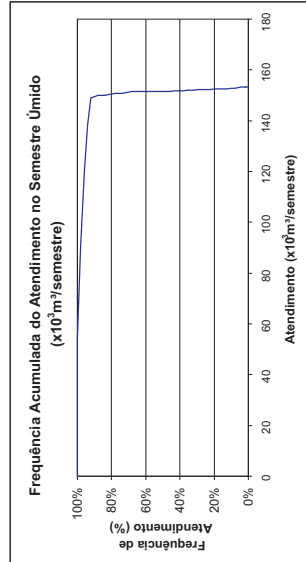
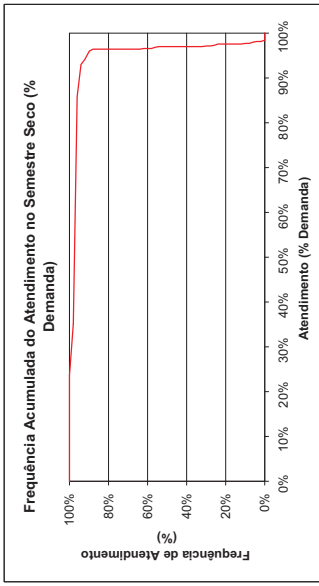
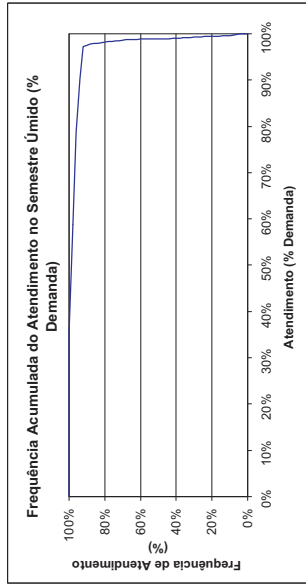
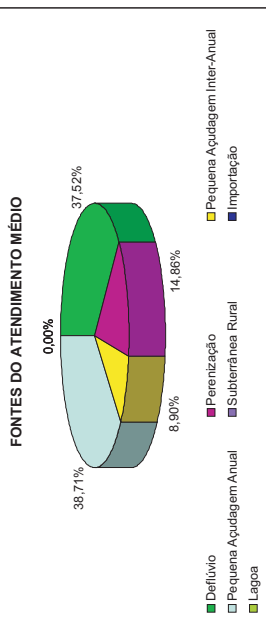


Choró

Demanda Animal Rural - Consolidação por Município

Horizonte 2020 com Infra-estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	153.246	100%	150.744	98%
10%	152.864	100%	149.6972	98%
20%	152.412	99%	149.574	98%
30%	152.412	99%	148.7904	97%
40%	151.7796	99%	148.656	97%
50%	151.606	99%	148.656	97%
60%	151.4548	99%	147.9228	97%
70%	151.1556	99%	147.794	96%
80%	150.5872	98%	147.738	96%
90%	149.3994	97%	147.0204	96%
100%	54.404	36%	36.105	24%
Atend. Médio	151.606	99%	148.656	97%
Atend. Mínimo	54.404	36%	36.105	24%
Freq. de Falha	96,00%		100,00%	
Demanda	153.246 m³/semestre		9.85 l/s	



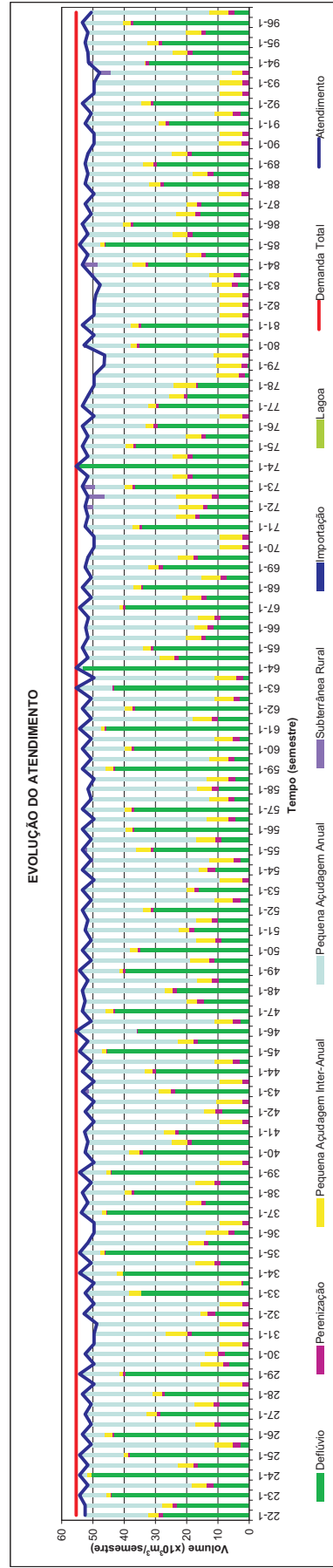
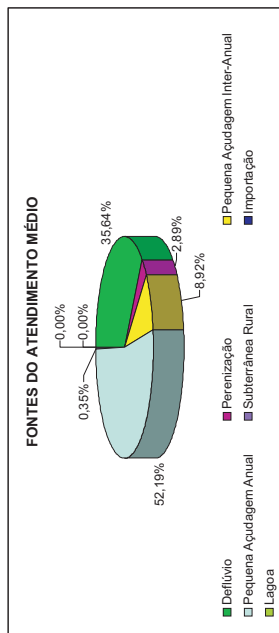
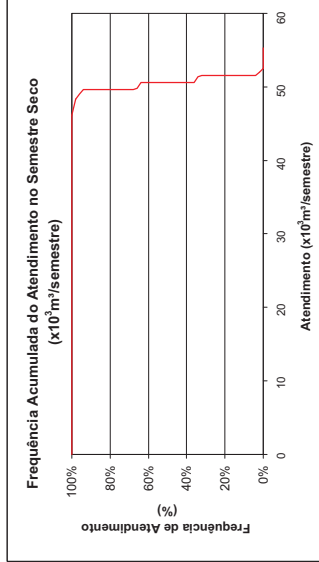
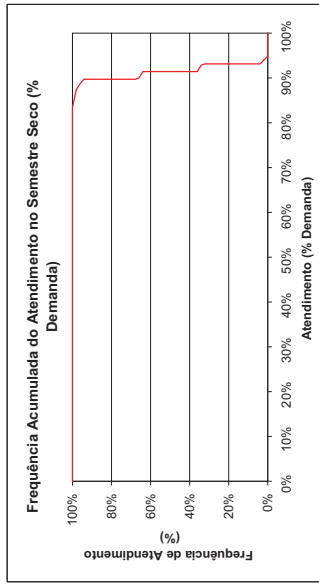
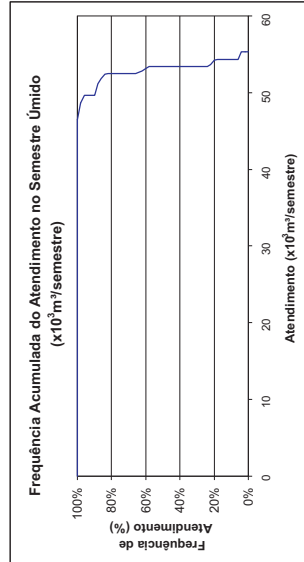
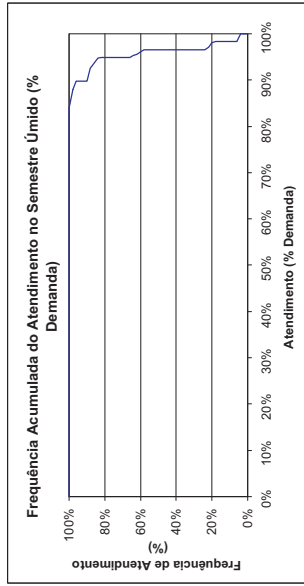


Chorozinho

Demanda Animal Rural - Consolidação por Município

Horizonte 2020 com Infra-estrutura Atual

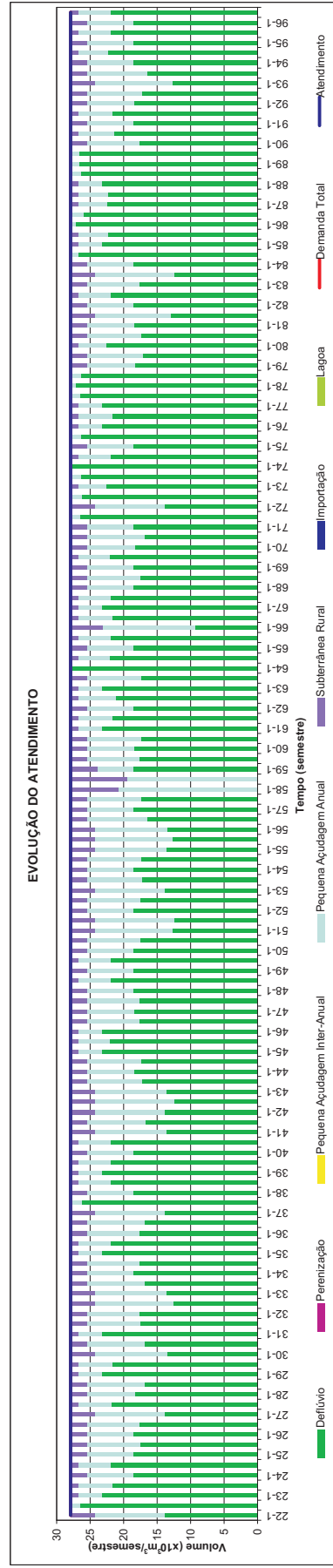
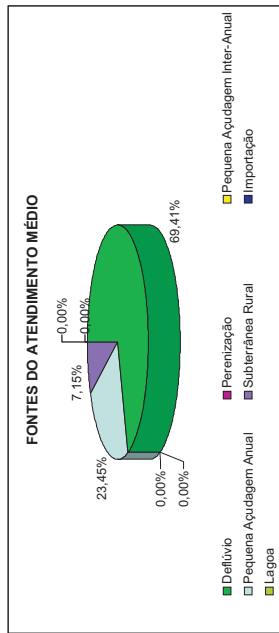
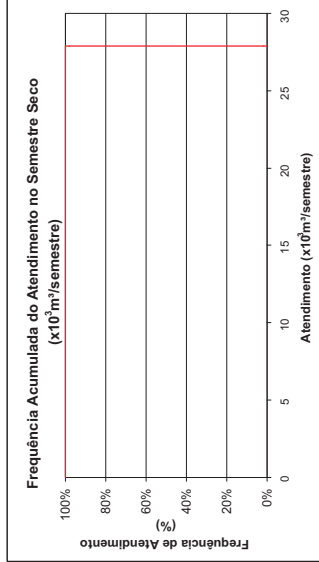
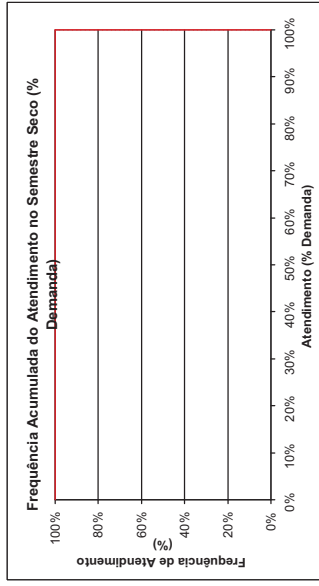
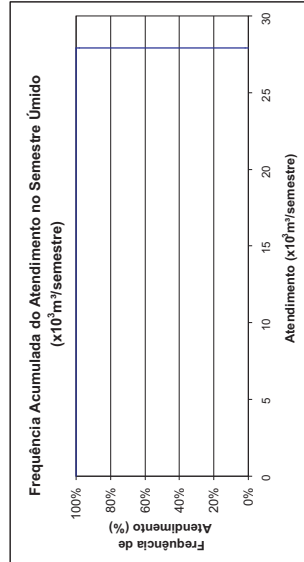
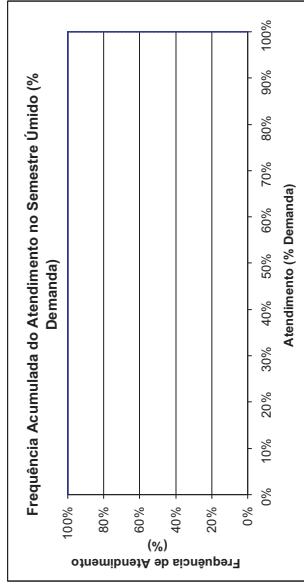
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	55.308	100%	52.476	95%
10%	54.364	98%	51.532	93%
20%	54.2328	98%	51.532	93%
30%	54.364	97%	51.532	93%
40%	53.42	97%	50.588	91%
50%	53.42	97%	50.588	91%
60%	53.1642	96%	50.588	91%
70%	52.476	95%	49.644	90%
80%	52.476	95%	49.644	90%
90%	46.457	84%	46.176	83%
100%	46.457	84%	46.176	83%
Atend. Mínimo	53.42	97%	50.588	91%
Freq. de Falha	46.457	84%	46.176	83%
Demanda	55.308 m³/semestre		100,00%	
	3,56 l/s			





Eusébio
Demanda Animal Rural - Consolidação por Município
 Horizonte 2020 com Infra-estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	27.894	100%	27.894	100%
10%	27.894	100%	27.894	100%
20%	27.894	100%	27.894	100%
30%	27.894	100%	27.894	100%
40%	27.894	100%	27.894	100%
50%	27.894	100%	27.894	100%
60%	27.894	100%	27.894	100%
70%	27.894	100%	27.894	100%
80%	27.894	100%	27.894	100%
90%	27.894	100%	27.894	100%
100%	27.894	100%	27.894	100%
Atend. Mínimo	27.894	100%	27.894	100%
Freq. de Falha	0,00%		0,00%	
Demanda	27.894 m³/semestre		1.79 l/s	



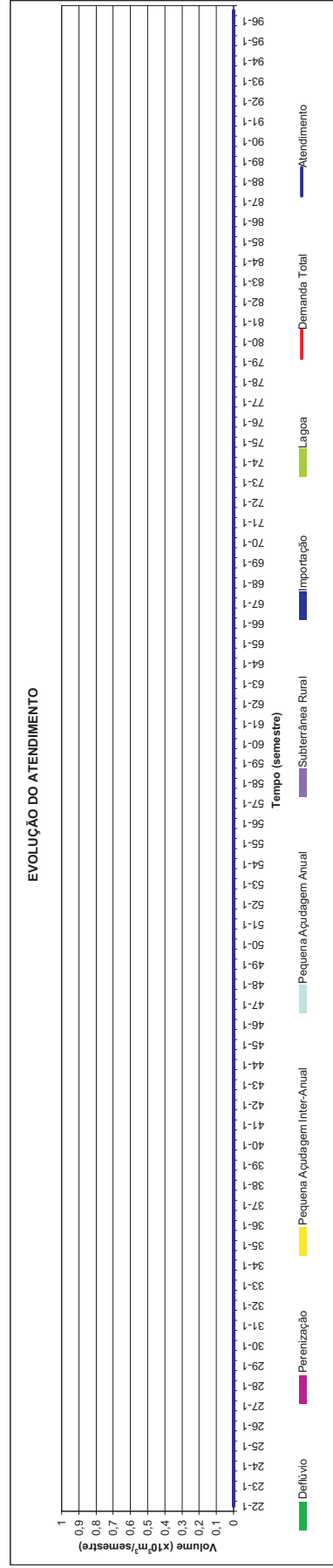
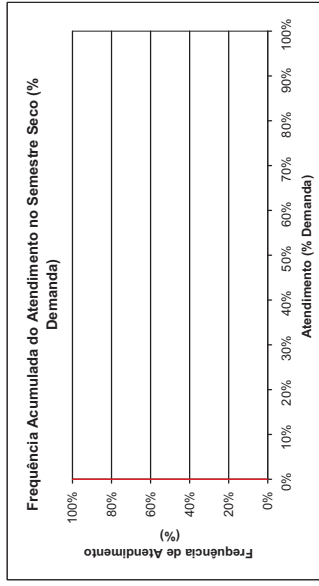
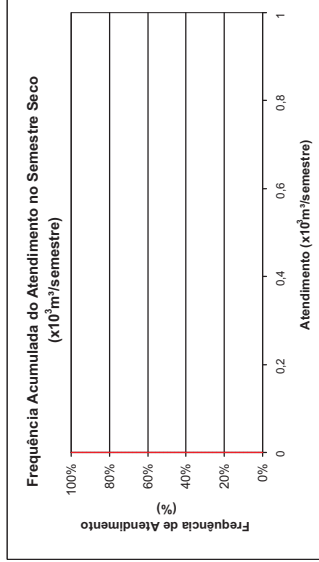
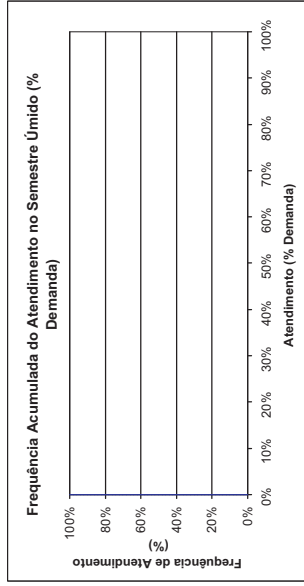
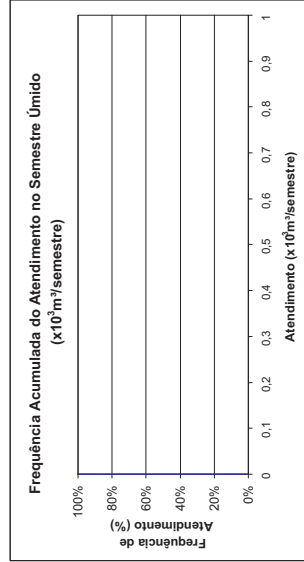


Fortaleza

Demanda Animal Rural - Consolidação por Município

Horizonte 2020 com Infra-estrutura Atual

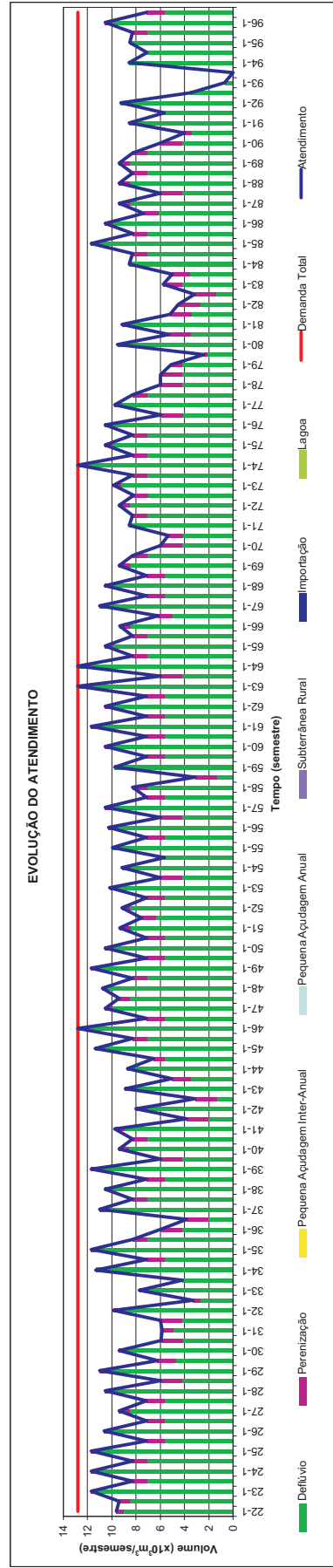
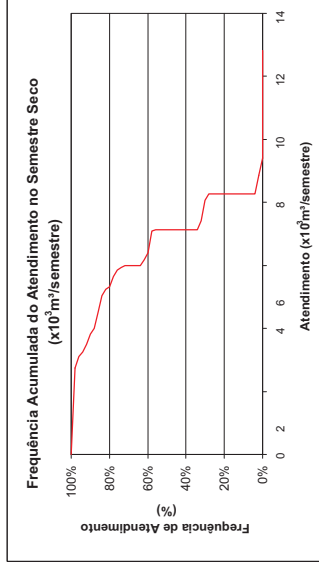
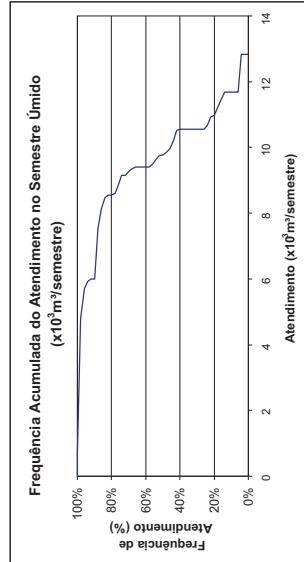
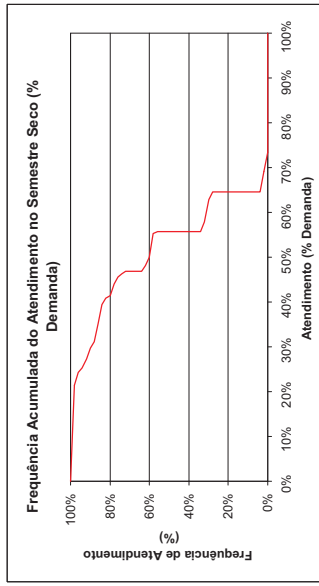
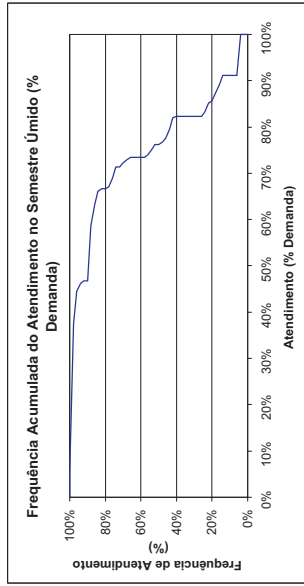
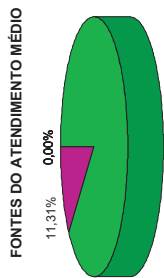
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	0	-	0	-
10%	0	-	0	-
20%	0	-	0	-
30%	0	-	0	-
40%	0	-	0	-
50%	0	-	0	-
60%	0	-	0	-
70%	0	-	0	-
80%	0	-	0	-
90%	0	-	0	-
100%	0	-	0	-
Atend. Mínimo	0	-	0	-
Atend. Médio	0	-	0	-
Freq. de Falha	0	0,00%	0	0,00%
Demanda	0,000 m³/semestre		0,000 m³/semestre	





Fortim Demanda Animal Rural - Consolidação por Município Horizonte 2020 com Infra-estrutura Atual

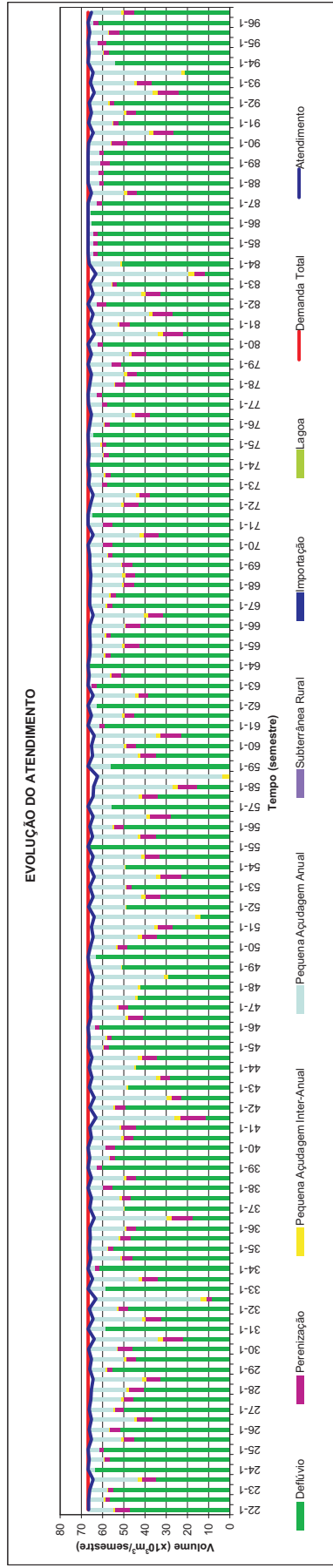
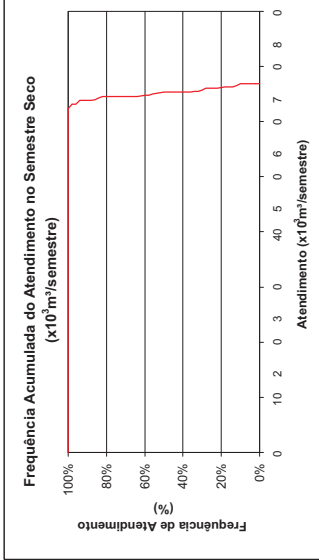
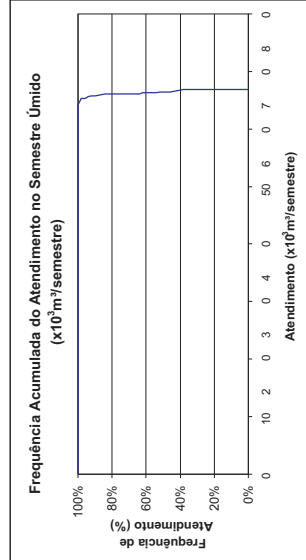
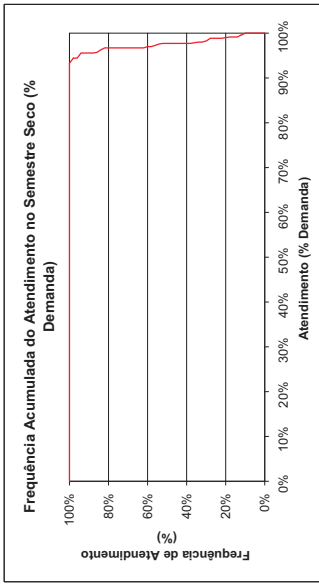
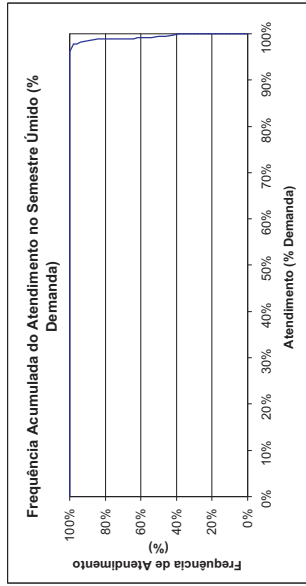
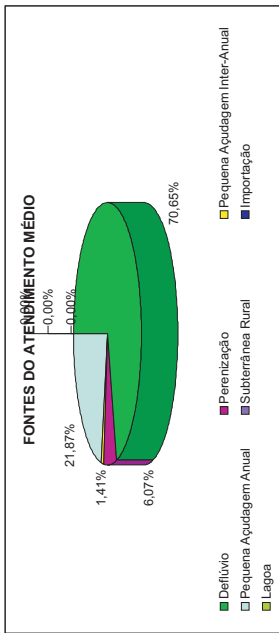
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	12,822	100%	9,411	73%
10%	11,685	91%	8,274	65%
20%	10,984	86%	8,274	65%
30%	11,21452	82%	8,0682	63%
40%	10,548	82%	7,137	56%
50%	9,778	76%	7,137	56%
60%	9,411	73%	6,4094	50%
70%	9,265	72%	6	47%
80%	8,548	67%	5,3158	41%
90%	6	47%	3,815	30%
100%	0,701	5%	0	0%
Atend. Médio	9,778	76%	7,137	56%
Freq. de Falha	0,701	5%	0	0%
Demanda	12,822 m³/semestre		9,417 m³/semestre	
			0,82 l/s	





Guaiuba Demanda Animal Rural - Consolidação por Município Horizonte 2020 com Infra-estrutura Atual

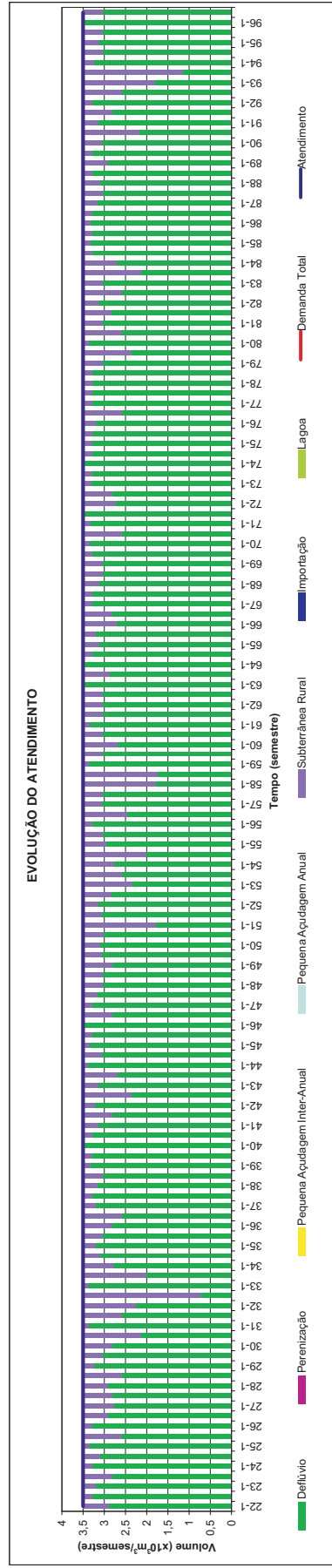
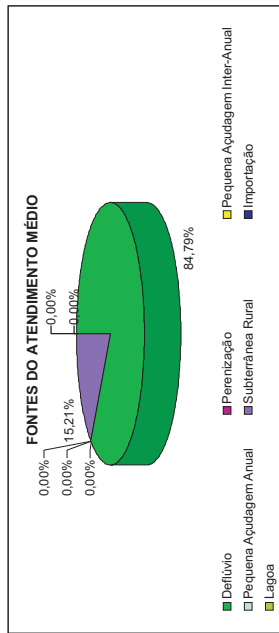
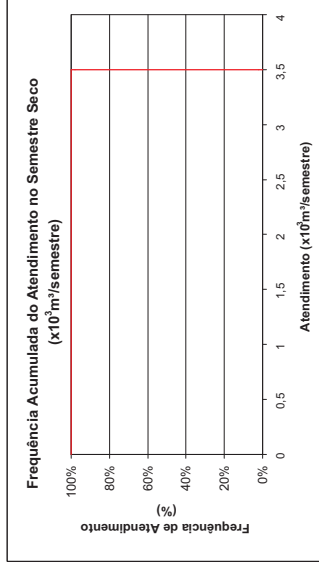
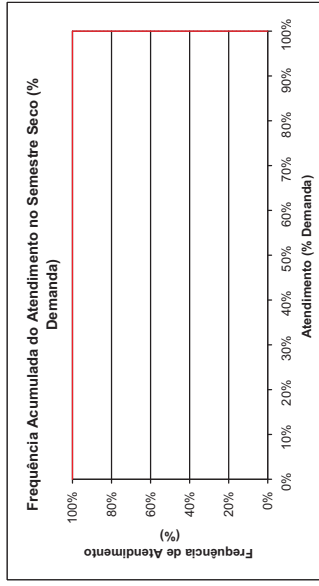
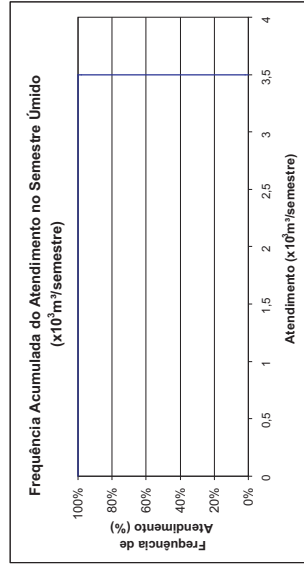
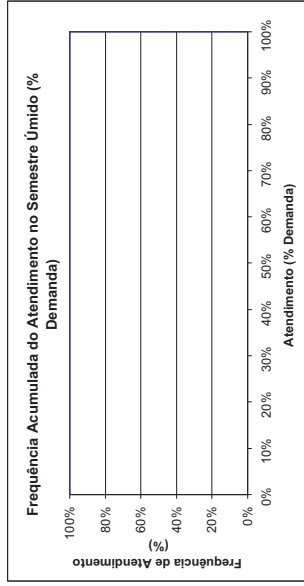
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	66,84	100%	66,84	100%
10%	66,84	100%	66,8392	100%
20%	66,84	100%	66,133	99%
30%	66,84	100%	65,692	98%
40%	66,7942	100%	65,35	98%
50%	66,475	99%	65,35	98%
60%	66,285	99%	64,795	97%
70%	66,095	99%	64,605	97%
80%	66,095	99%	64,605	97%
90%	65,806	98%	63,96	96%
100%	64,24	93%	62,37	93%
Atend. Mínimo	66,475	99%	65,35	98%
Freq. de Falha	64,24	96%	62,37	93%
Demanda	61,33%		89,33%	
	56,840 m ³ /semestre		4,30 l/s	





Guaramiranga Demanda Animal Rural - Consolidação por Município Horizonte 2020 com Infra-estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	3.498	100%	3.498	100%
10%	3.498	100%	3.498	100%
20%	3.498	100%	3.498	100%
30%	3.498	100%	3.498	100%
40%	3.498	100%	3.498	100%
50%	3.498	100%	3.498	100%
60%	3.498	100%	3.498	100%
70%	3.498	100%	3.498	100%
80%	3.498	100%	3.498	100%
90%	3.498	100%	3.498	100%
100%	3.498	100%	3.498	100%
Atend. Mínimo	3.498	100%	3.498	100%
Freq. de Falha	0,00%		0,00%	
Demanda	3.498 m³/semestre		0,22 l/s	



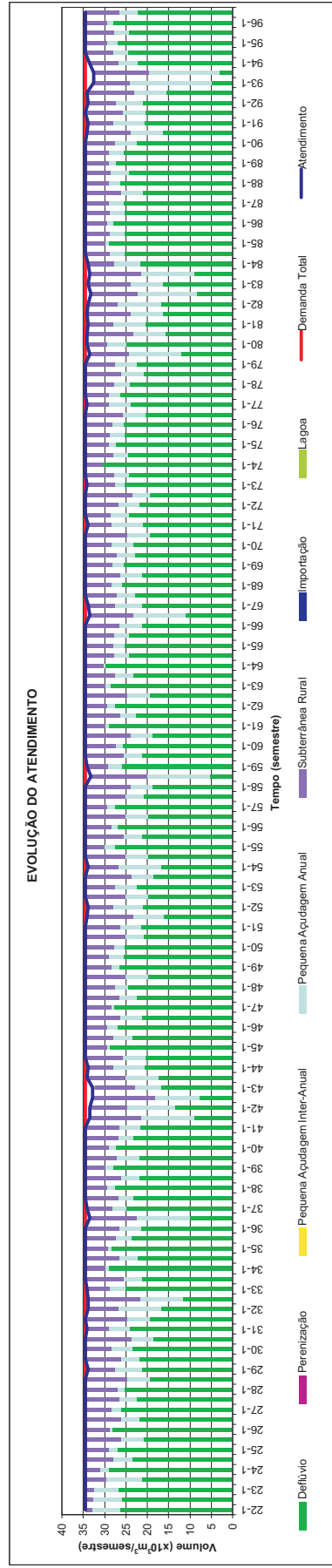
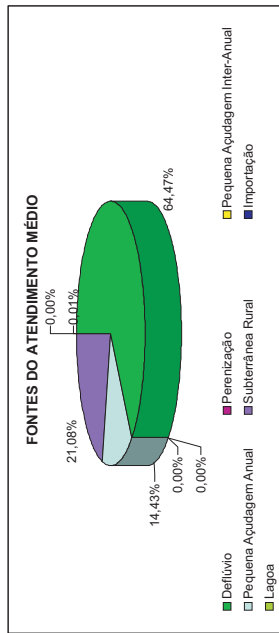
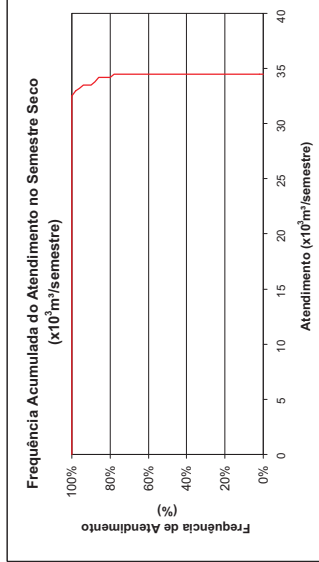
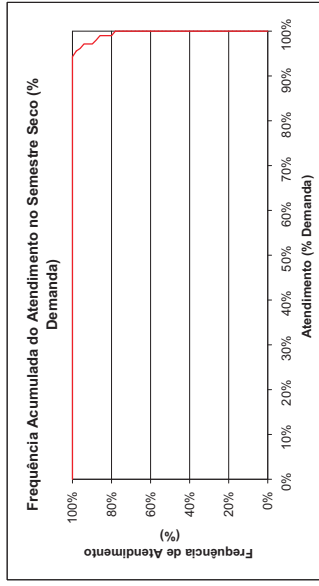
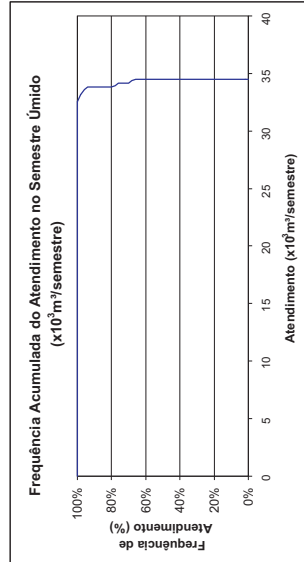
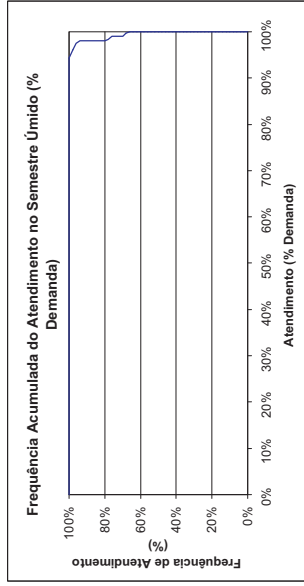


Horizonte

Demanda Animal Rural - Consolidação por Município

Horizonte 2020 com Infra-estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	34.494	100%	34.494	100%
10%	34.494	100%	34.494	100%
20%	34.494	100%	34.494	100%
30%	34.494	100%	34.494	100%
40%	34.494	100%	34.494	100%
50%	34.494	100%	34.494	100%
60%	34.494	100%	34.494	100%
70%	34.167	99%	34.494	100%
80%	33.84	98%	34.167	99%
90%	33.84	98%	33.513	97%
100%	32.532	94%	32.532	94%
Atend. Mínimo	34.494	100%	34.494	100%
Freq. de Falha	32.532	94%	32.532	94%
Demanda	32.00%		21,33%	
	34.494 m³/semestre		2,22 l/s	



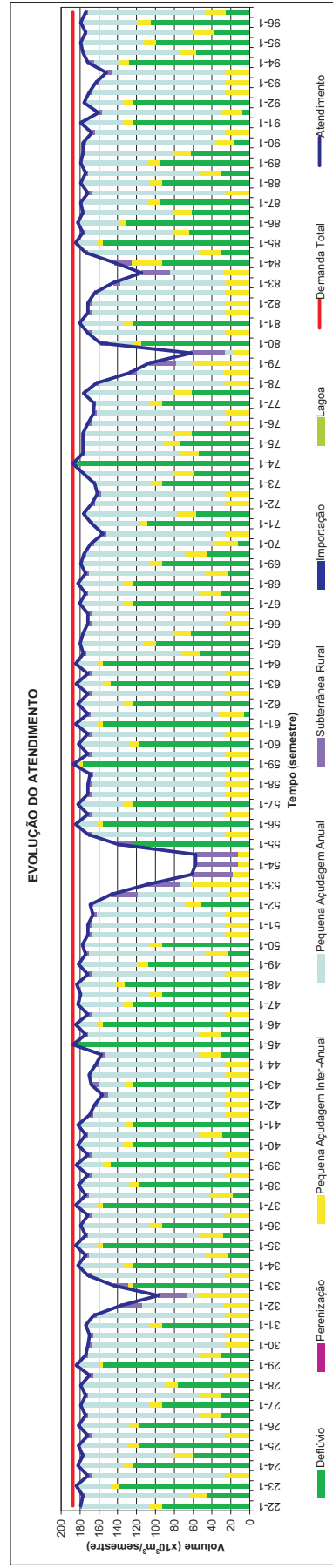
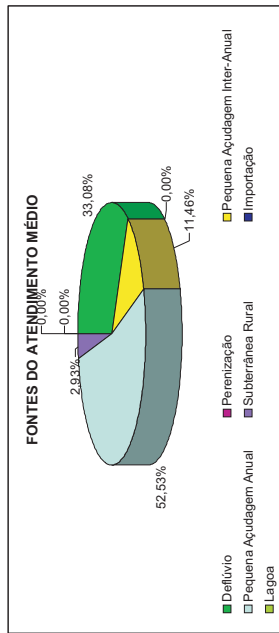
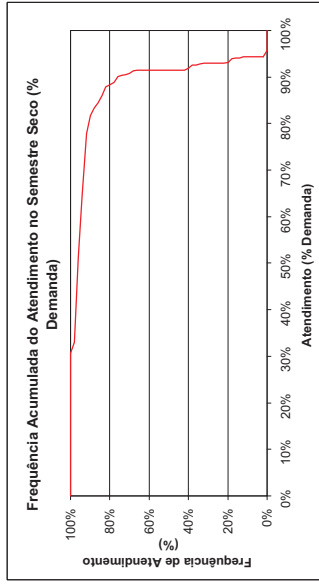
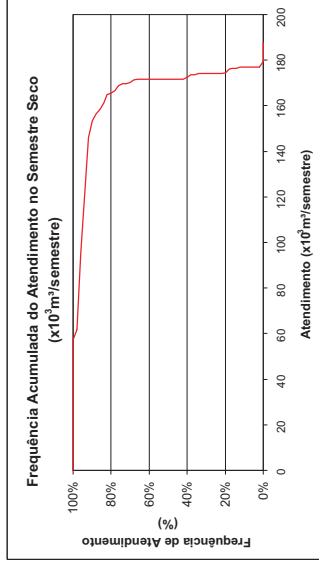
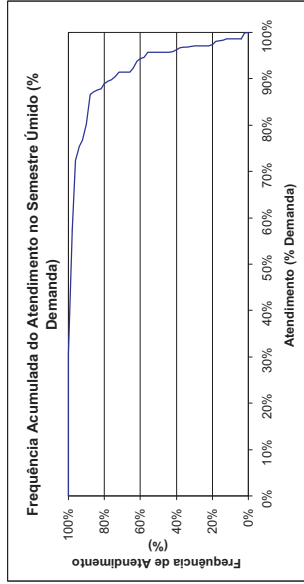
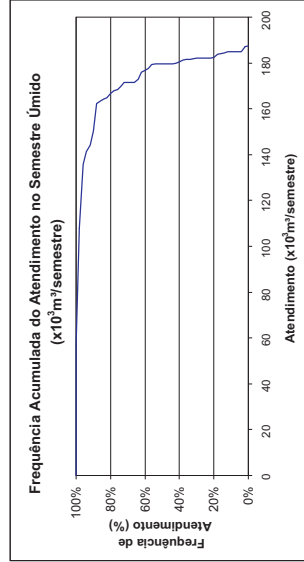


Ibaretama

Demanda Animal Rural - Consolidação por Município

Horizonte 2020 com Infra-estrutura Atual

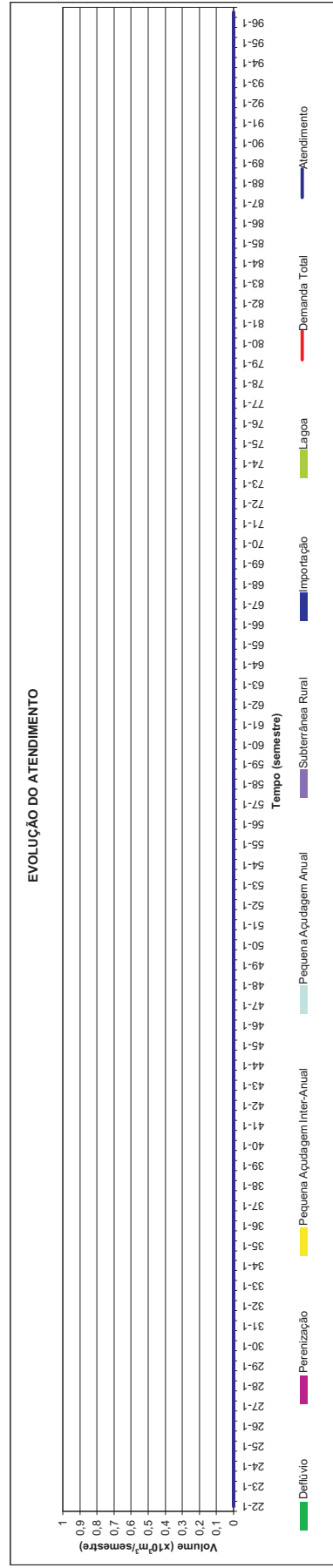
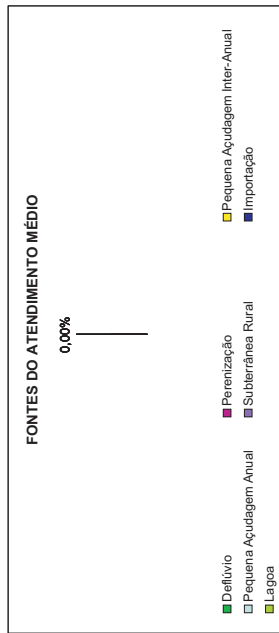
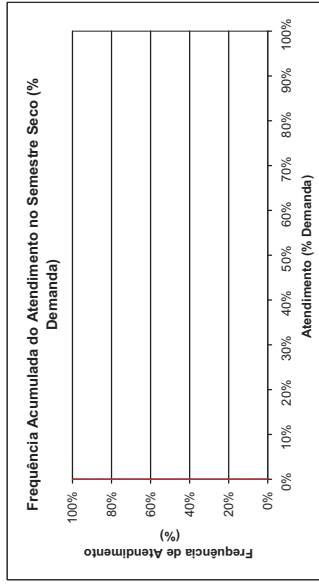
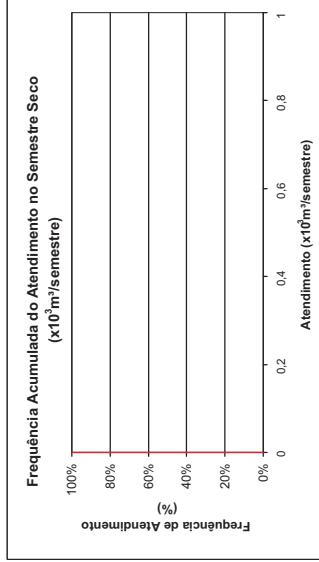
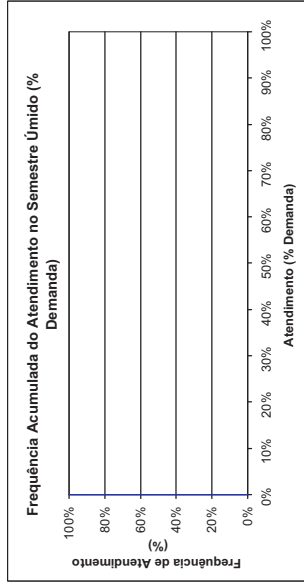
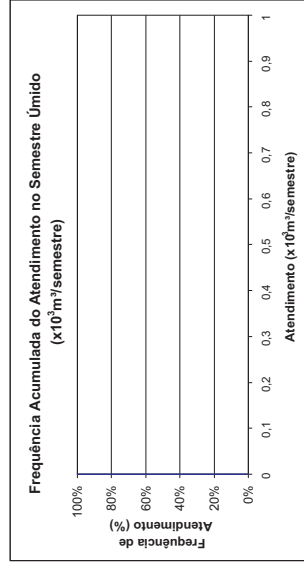
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	187.506	100%	179.538	96%
10%	184.65	98%	176.882	94%
20%	182.4886	97%	174.5344	93%
30%	183.77852	97%	174.226	93%
40%	180.5856	96%	172.4096	92%
50%	179.538	96%	171.57	92%
60%	176.882	94%	171.57	92%
70%	171.57	92%	170.2818	91%
80%	166.8706	89%	165.554	88%
90%	150.4096	80%	153.323	82%
100%	57.396	31%	57.396	31%
Atend. Médio	179.538	96%	171.57	92%
Atend. Mínimo	57.396	31%	57.396	31%
Freq. de Falha	97,33%		100,00%	
Demanda	187.506 m ³ /semestre		12,06 l/s	





Itaipava
Demanda Animal Rural - Consolidação por Município
 Horizonte 2020 com Infra-estrutura Atual

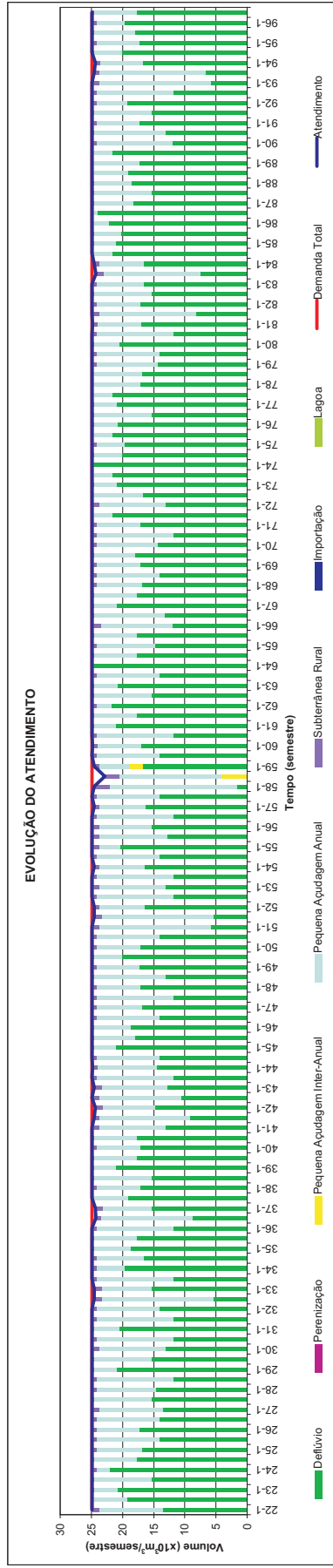
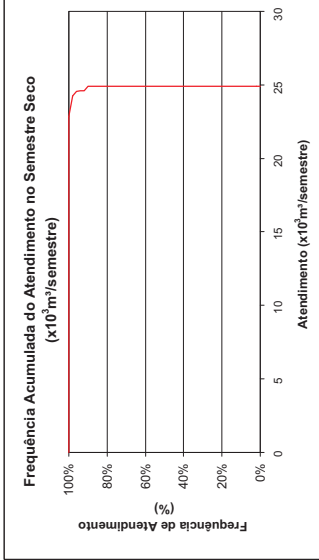
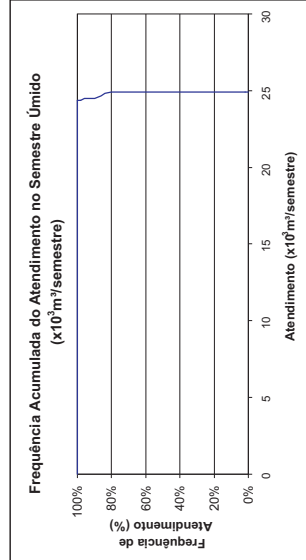
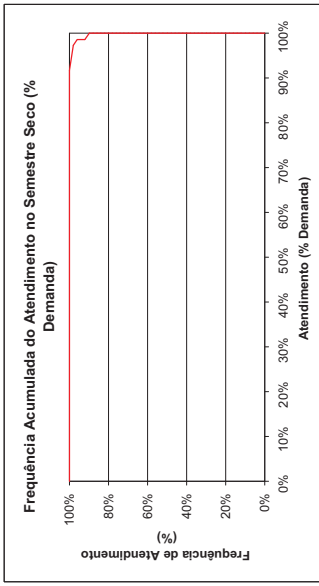
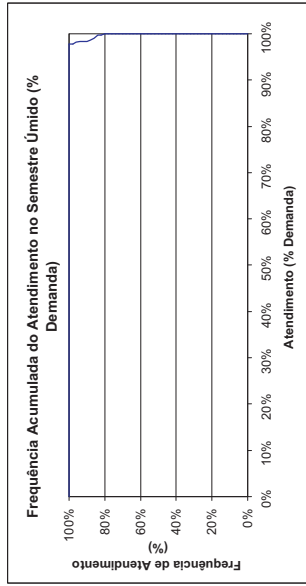
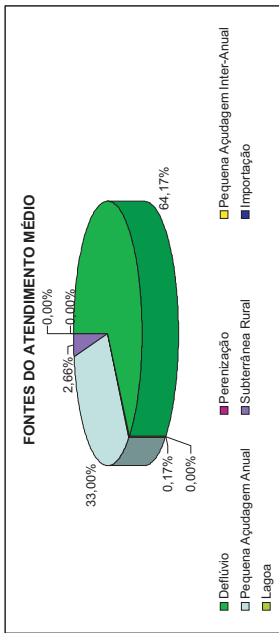
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	0	-	0	-
10%	0	-	0	-
20%	0	-	0	-
30%	0	-	0	-
40%	0	-	0	-
50%	0	-	0	-
60%	0	-	0	-
70%	0	-	0	-
80%	0	-	0	-
90%	0	-	0	-
100%	0	-	0	-
Atend. Mínimo	0	-	0	-
Freq. de Falha	0	-	0	-
Demanda	0,00% m³/semestre		0,00% m³/semestre	
	0,000 m³/semestre		0,000 m³/semestre	





Itaitinga Demanda Animal Rural - Consolidação por Município Horizonte 2020 com Infra-estrutura Atual

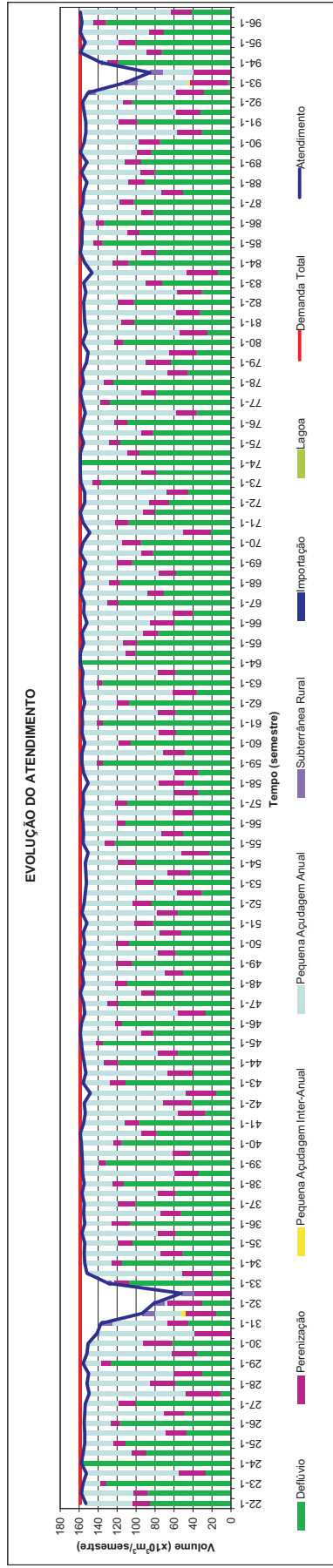
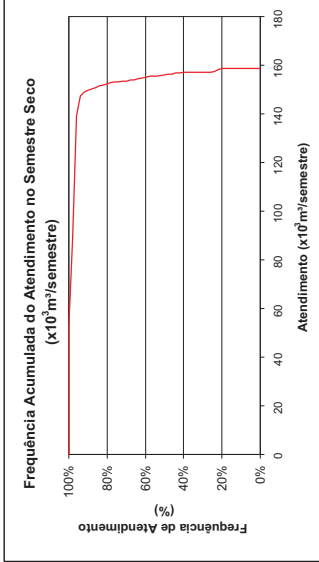
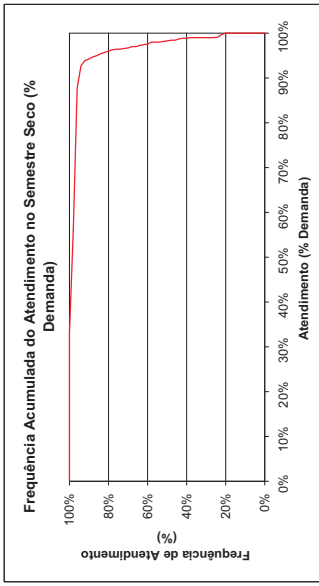
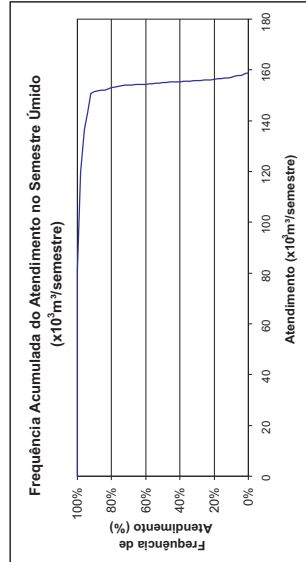
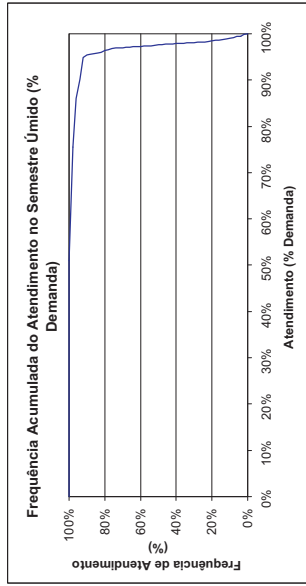
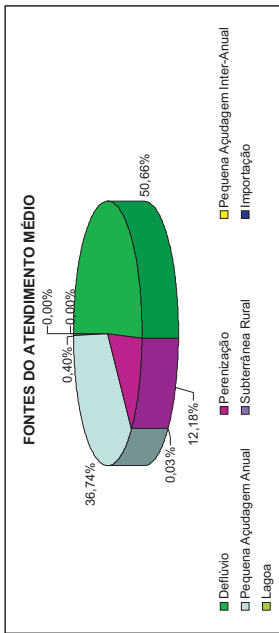
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	24.924	100%	24.924	100%
10%	24.924	100%	24.924	100%
20%	24.924	100%	24.924	100%
30%	24.924	100%	24.924	100%
40%	24.924	100%	24.924	100%
50%	24.924	100%	24.924	100%
60%	24.924	100%	24.924	100%
70%	24.924	100%	24.924	100%
80%	24.924	100%	24.924	100%
90%	24.498	98%	24.924	100%
100%	24.368	98%	22.866	92%
Atend. Mínimo	24.924	100%	24.924	100%
Freq. de Falha	24.368	98%	22.866	92%
Demanda	18,67%	24,924 m³/semestre	9,33%	1,60 l/s





Itapiúna Demanda Animal Rural - Consolidação por Município Horizonte 2020 com Infra-estrutura Atual

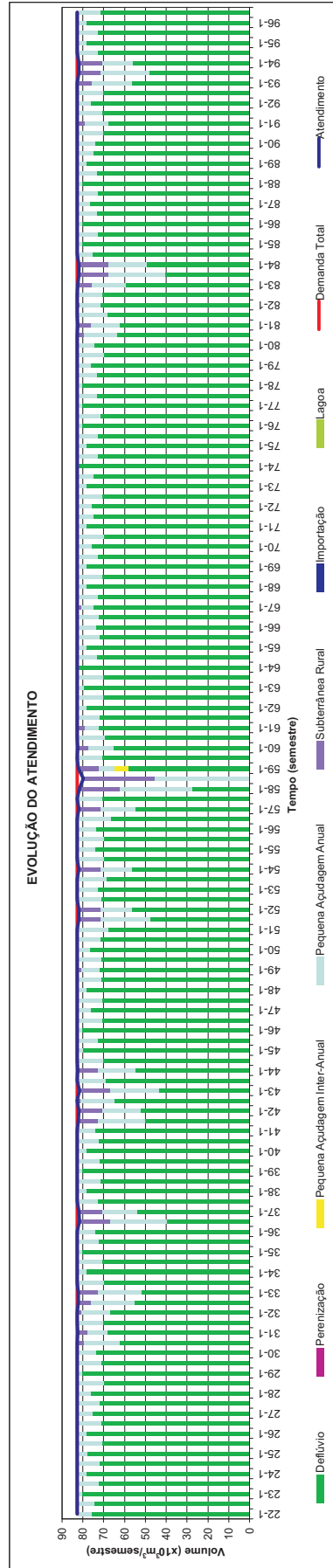
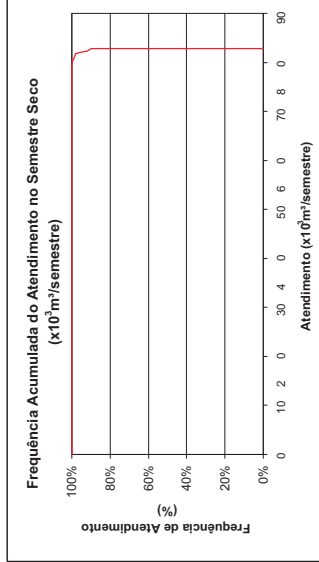
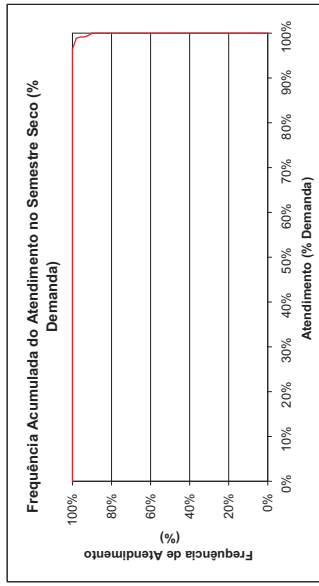
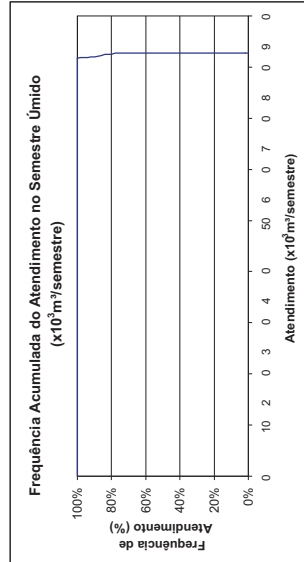
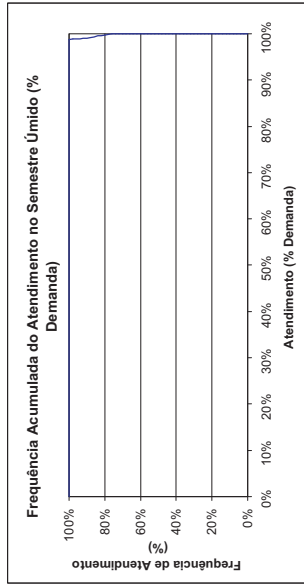
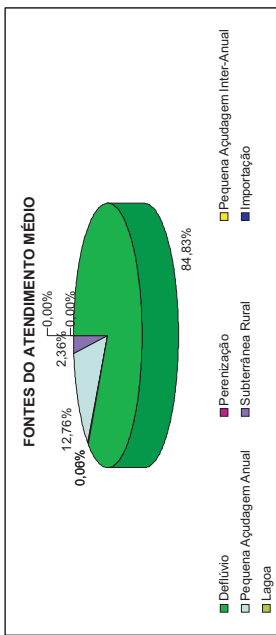
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	158.736	100%	158.736	100%
10%	157.109	98%	158.736	100%
20%	156.353	98%	158.736	100%
30%	156.4686	98%	157.109	99%
40%	155.9474	98%	156.9968	99%
50%	154.935	98%	155.956	98%
60%	154.33	97%	154.9756	98%
70%	153.97	97%	153.5382	97%
80%	153.0662	96%	152.4528	96%
90%	151.587	95%	149.6084	94%
100%	80.936	51%	52.354	33%
Atend. Médio	154.935	98%	155.956	98%
Atend. Mínimo	80.936	51%	52.354	33%
Freq. de Falha	97,33%		76,67%	
Demanda	1.587,36 m³/semestre		10,21 l/s	





Maracanãú
Demanda Animal Rural - Consolidação por Município
 Horizonte 2020 com Infra-estrutura Atual

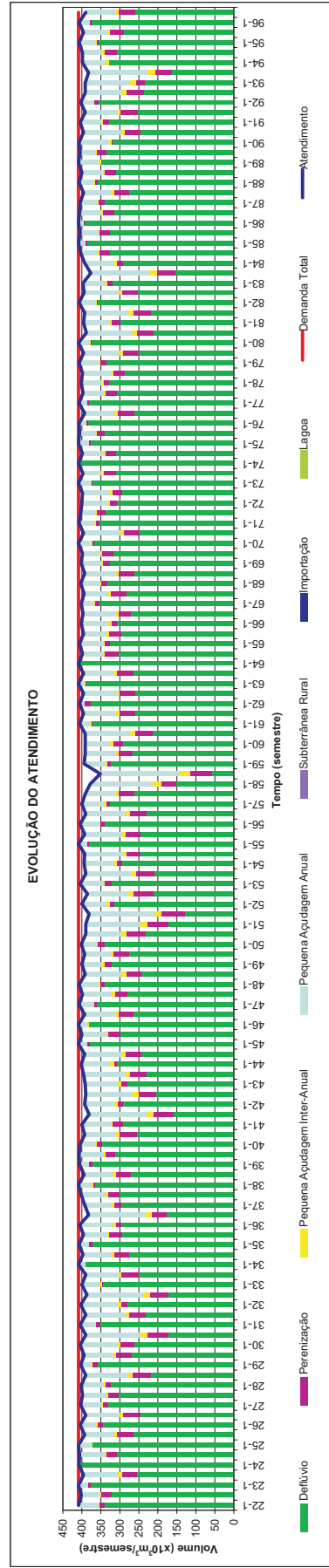
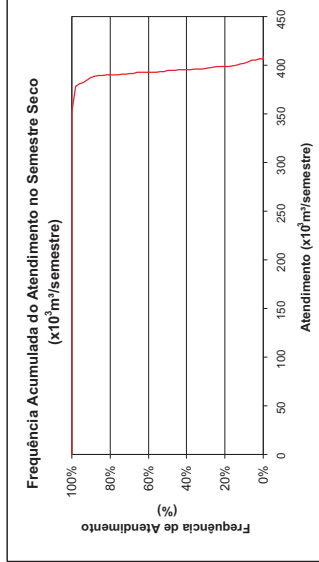
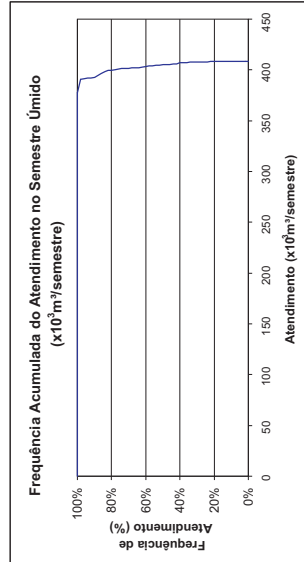
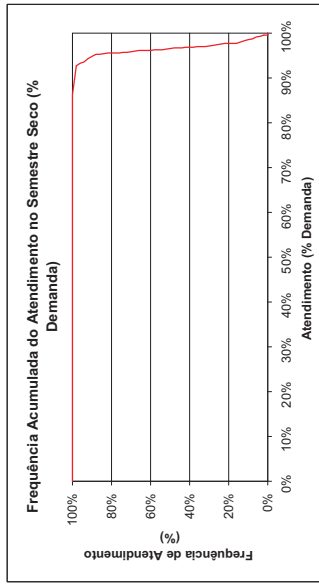
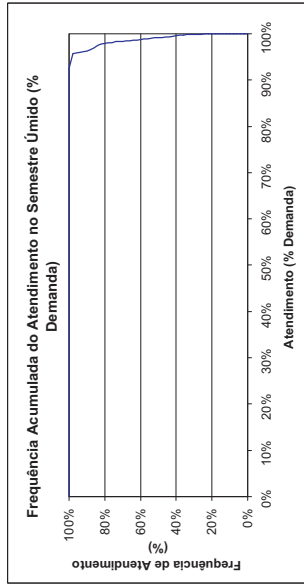
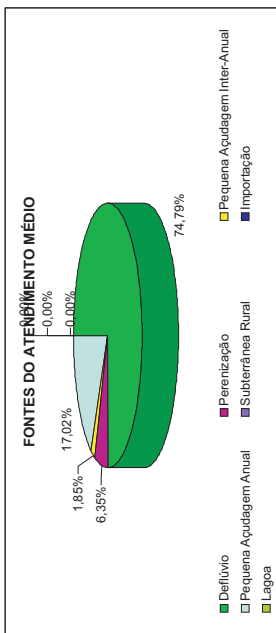
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	82.788	100%	82.788	100%
10%	82.788	100%	82.788	100%
20%	82.788	100%	82.788	100%
30%	82.788	100%	82.788	100%
40%	82.788	100%	82.788	100%
50%	82.788	100%	82.788	100%
60%	82.788	100%	82.788	100%
70%	82.788	100%	82.788	100%
80%	82.539	100%	82.788	100%
90%	81.97	99%	82.7826	100%
100%	81.792	96%	79.853	96%
Atend. Médio	82.788	100%	82.788	100%
Atend. Mínimo	81.792	99%	79.853	96%
Freq. de Falha	24,00%		10,67%	
Demanda	82.788 m³/semestre		5,32 l/s	





Maranguape
Demanda Animal Rural - Consolidação por Município
 Horizonte 2020 com Infra-estrutura Atual

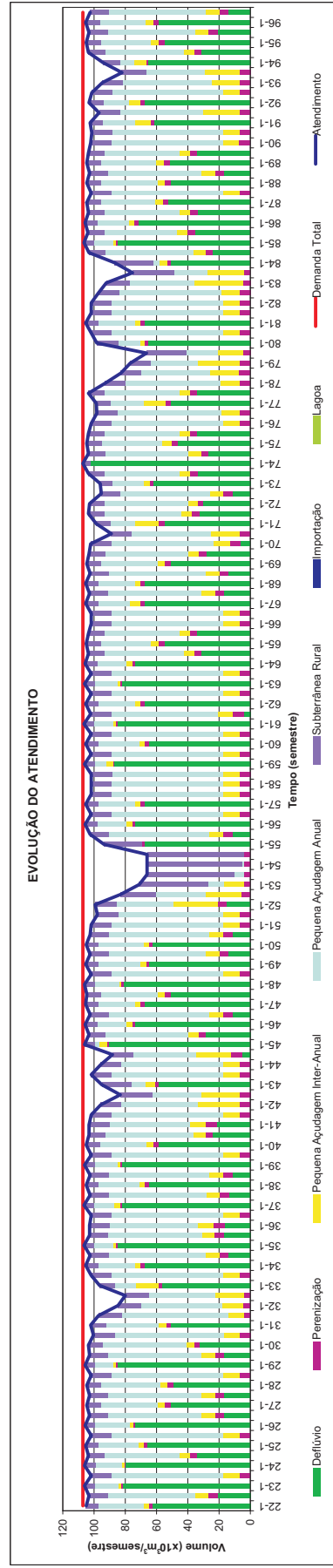
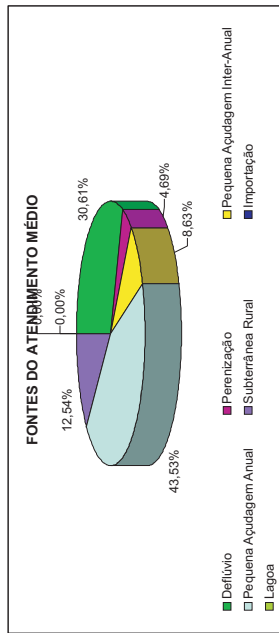
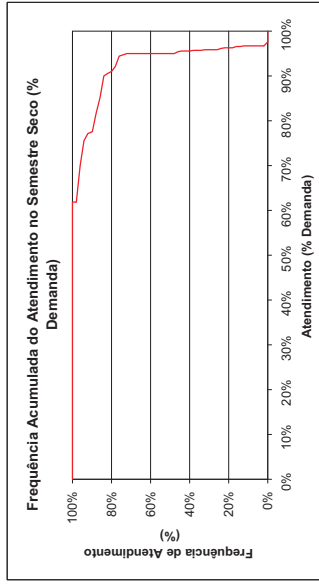
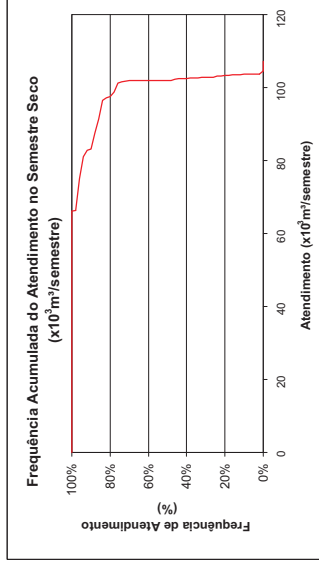
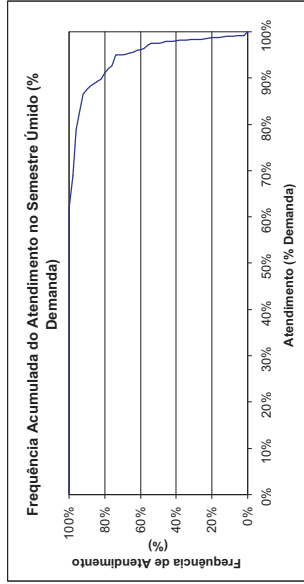
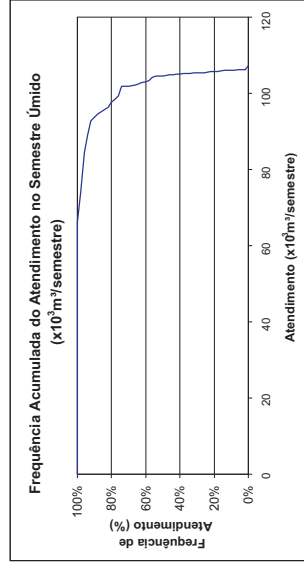
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	408.288	100%	408.688	100%
10%	408.288	100%	402.227,4	99%
20%	408.244	100%	398.930,4	98%
30%	408.288	100%	396.624	97%
40%	408.868	100%	395.2744	97%
50%	404.962	99%	394.522	97%
60%	403.3896	99%	392.804,8	96%
70%	401.6982	98%	391.224,4	96%
80%	399.8648	98%	390.237	96%
90%	392.9608	96%	387.3432	95%
100%	377.777	93%	352.117	86%
Atend. Mínimo	404.962	99%	394.522	97%
Freq. de Falha	377.777	93%	352.117	86%
Demanda	80.00%	408.288 m³/semestre	100.00%	26,25 l/s





Morada Nova
Demanda Animal Rural - Consolidação por Município
 Horizonte 2020 com Infra-estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	107.184	100%	104.52	98%
10%	106.115	99%	103.632	97%
20%	105.781	99%	103.259	96%
30%	105.781	98%	102.744	96%
40%	105.0718	98%	102.4478	96%
50%	104.586	98%	101.856	95%
60%	103.1022	96%	101.856	95%
70%	101.856	95%	101.856	95%
80%	97.731	91%	97.581	91%
90%	93.8234	88%	83.1476	78%
100%	66.226	62%	66.226	62%
Atend. Mínimo	104.586	98%	101.856	95%
Atend. de Falha	66.226	62%	66.226	62%
Demanda	98,67%		100,00%	
Freq. de Falha	107,184 m³/semestre		6,89 l/s	



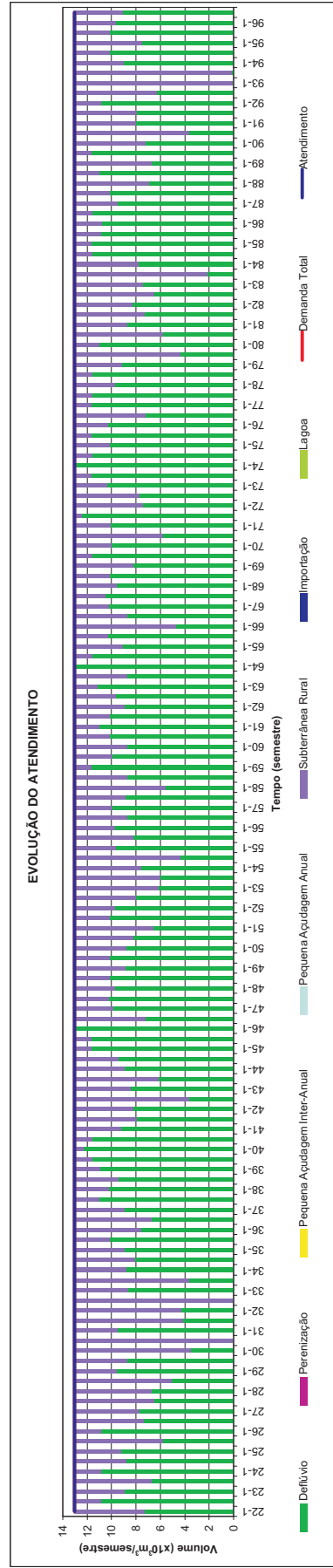
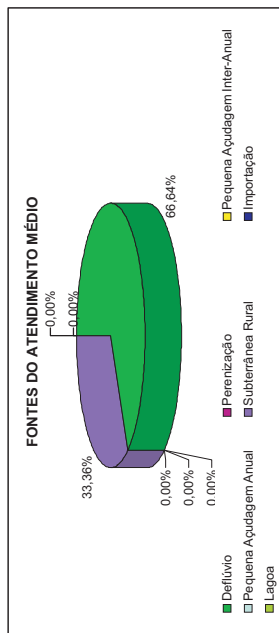
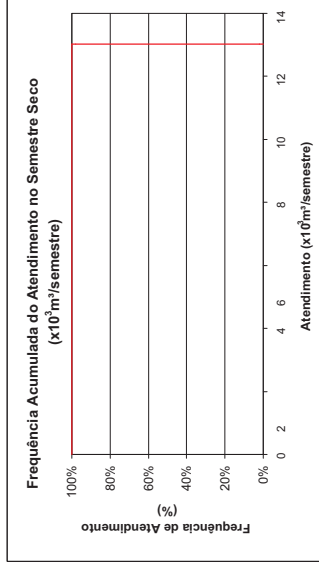
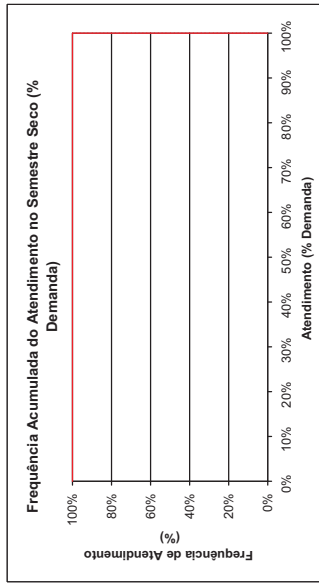
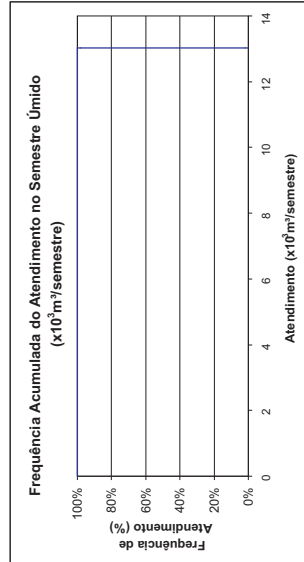
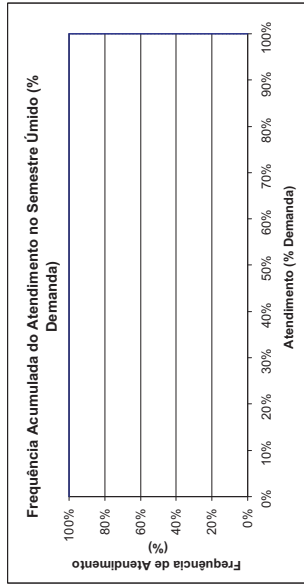


Mulungu

Demanda Animal Rural - Consolidação por Município

Horizonte 2020 com Infra-estrutura Atual

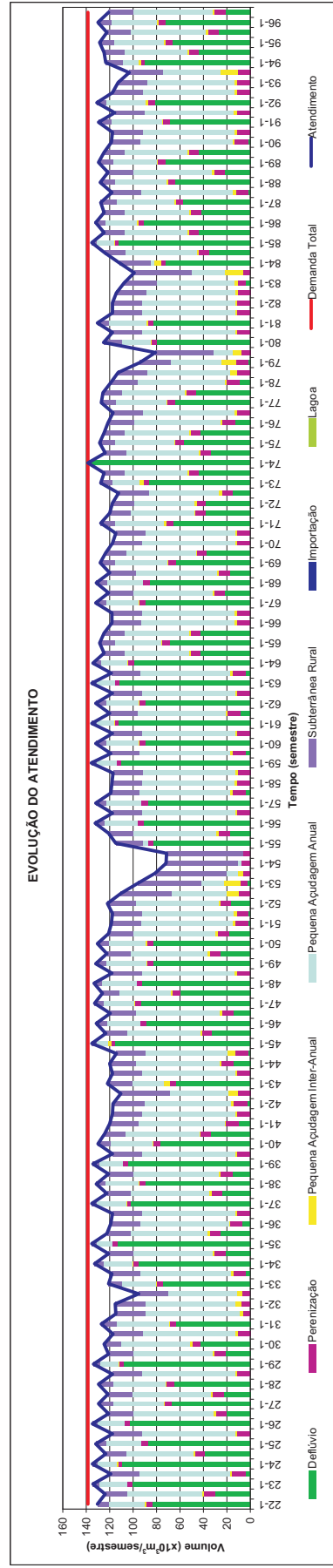
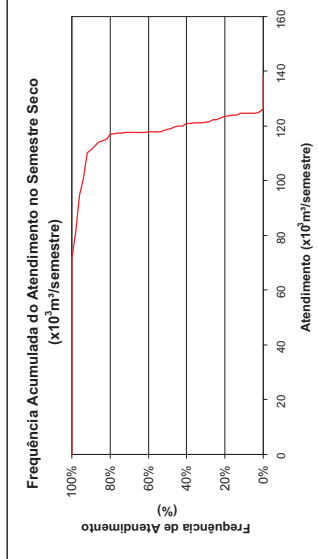
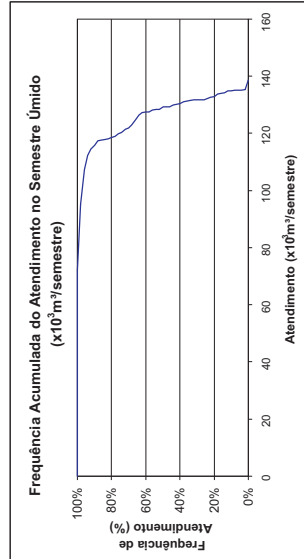
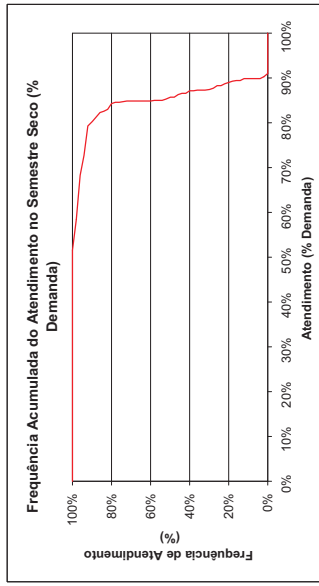
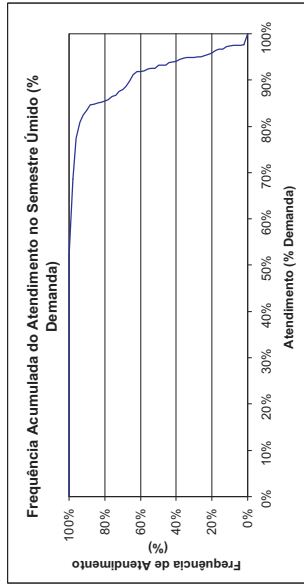
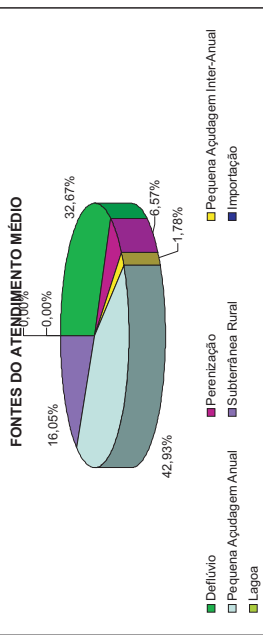
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	13,02	100%	13,02	100%
10%	13,02	100%	13,02	100%
20%	13,02	100%	13,02	100%
30%	13,02	100%	13,02	100%
40%	13,02	100%	13,02	100%
50%	13,02	100%	13,02	100%
60%	13,02	100%	13,02	100%
70%	13,02	100%	13,02	100%
80%	13,02	100%	13,02	100%
90%	13,02	100%	13,02	100%
100%	13,02	100%	13,02	100%
Atend. Mínimo	13,02	100%	13,02	100%
Atend. Médio	13,02	100%	13,02	100%
Freq. de Falha	0,00%		0,00%	
Demanda	13.020 m³/semestre		0.84 l/s	





Ocara Demanda Animal Rural - Consolidação por Município Horizonte 2020 com Infra-estrutura Atual

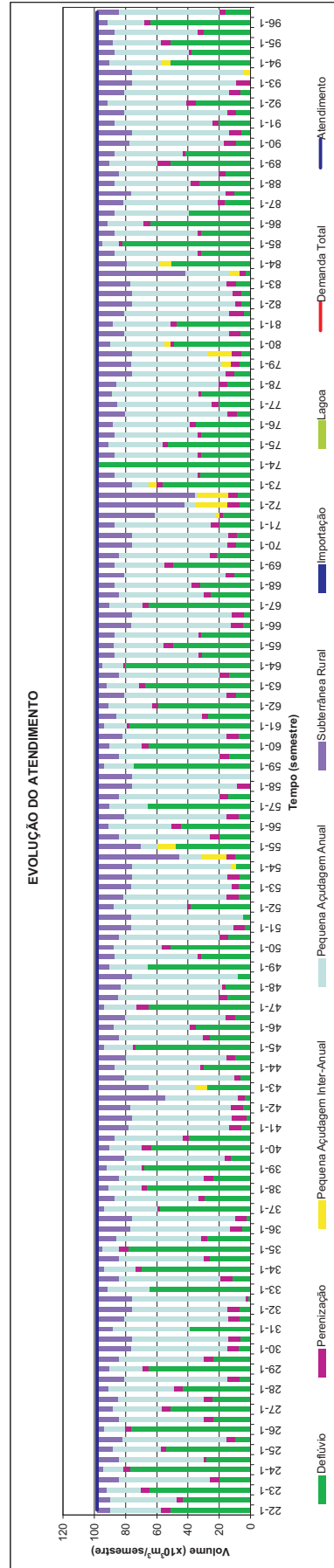
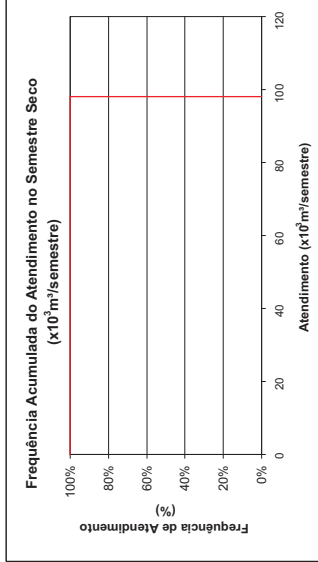
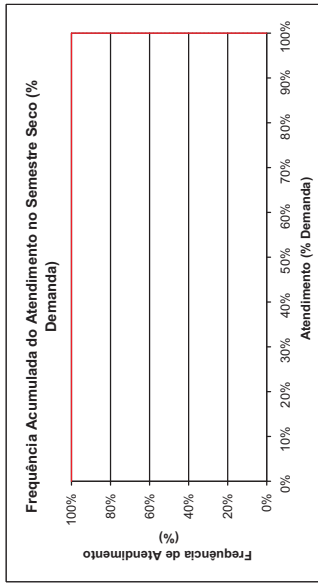
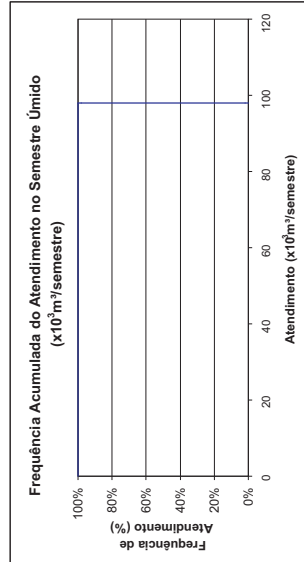
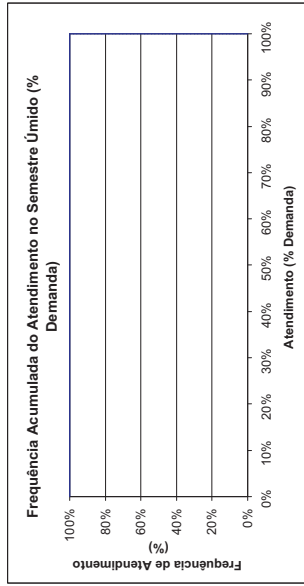
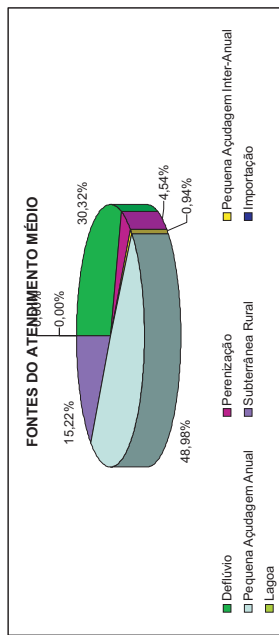
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	138,72	100%	126,324	91%
10%	134,9876	97%	124,664	90%
20%	132,9132	96%	123,552	89%
30%	133,7784	95%	121,2868	87%
40%	130,3874	94%	120,829	87%
50%	129,286	93%	116,919	86%
60%	127,4212	92%	117,807	85%
70%	121,9452	88%	117,636	85%
80%	118,6222	86%	116,9192	84%
90%	115,869	84%	111,4032	80%
100%	72,059	52%	71,517	52%
Atend. Médio	129,288	93%	118,919	86%
Atend. Mínimo	72,059	52%	71,517	52%
Freq. de Falha	98,67%		100,00%	
Demanda	1.387,20 m³/semestre		8,92 l/s	





Pacajus
Demanda Animal Rural - Consolidação por Município
 Horizonte 2020 com Infra-estrutura Atual

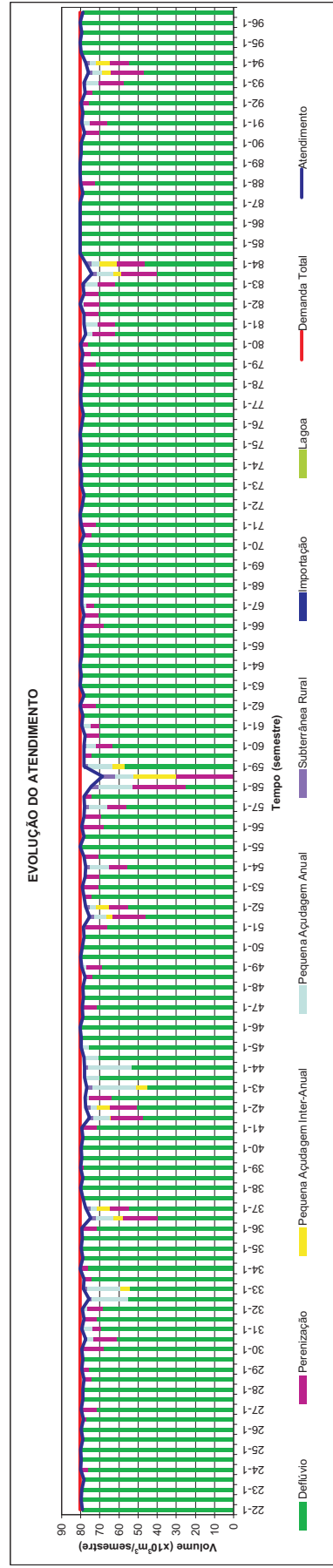
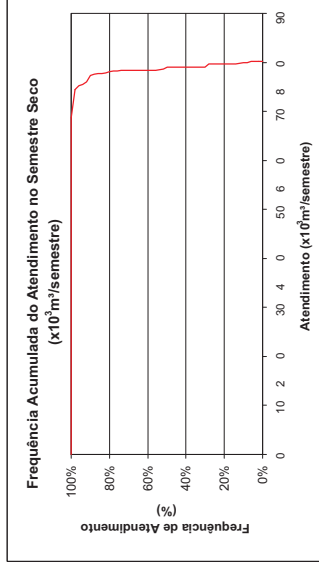
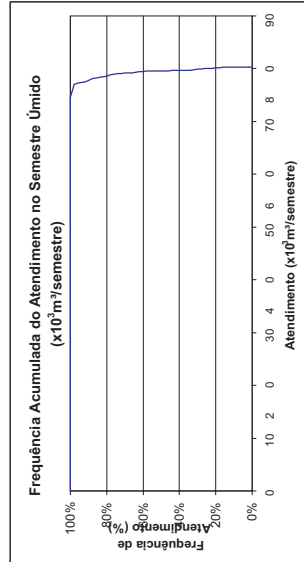
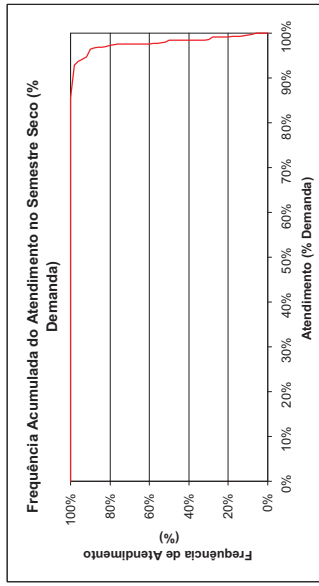
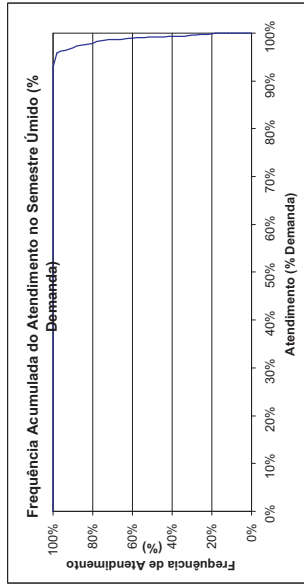
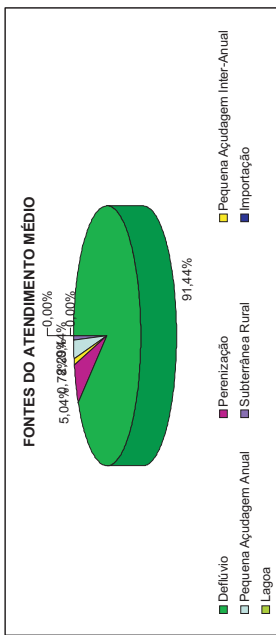
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	98,01	100%	98,01	100%
10%	98,01	100%	98,01	100%
20%	98,01	100%	98,01	100%
30%	98,01	100%	98,01	100%
40%	98,01	100%	98,01	100%
50%	98,01	100%	98,01	100%
60%	98,01	100%	98,01	100%
70%	98,01	100%	98,01	100%
80%	98,01	100%	98,01	100%
90%	98,01	100%	98,01	100%
100%	98,01	100%	98,01	100%
Atend. Mínimo	98,01	100%	98,01	100%
Freq. de Falha	98,01	0,00%	98,01	0,00%
Demanda	98,010 m³/semestre		6,30 l/s	





Pacatuba
Demanda Animal Rural - Consolidação por Município
 Horizonte 2020 com Infra-estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	80,262	100%	80,262	100%
10%	80,262	100%	79,93	100%
20%	80,17	100%	79,63	99%
30%	80,218	100%	79,082	98%
40%	79,678	99%	78,974	98%
50%	79,618	99%	78,974	98%
60%	79,423	99%	78,366	98%
70%	79,154	99%	78,33	98%
80%	78,5544	98%	78,082	97%
90%	77,748	97%	77,339	96%
100%	74,572	93%	68,7	86%
Atend. Médio	79,618	99%	78,974	98%
Atend. Mínimo	74,572	93%	68,7	86%
Freq. de Falha	84,00%		92,00%	
Demanda	80,262 m³/semestre		5,18 l/s	



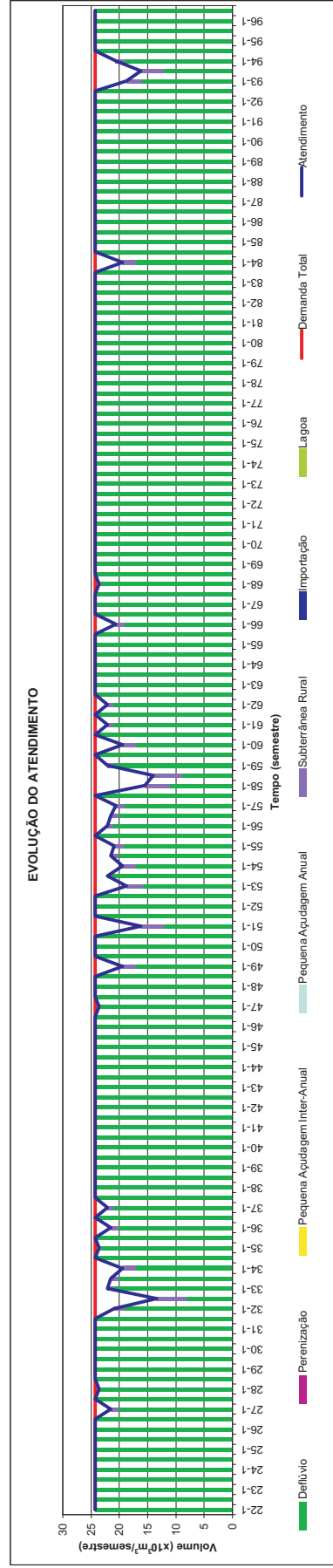
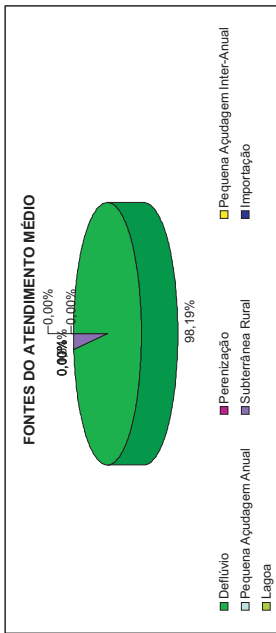
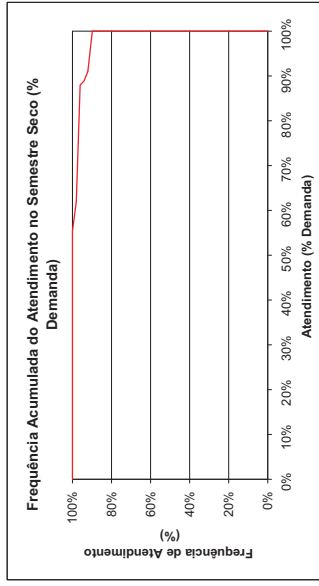
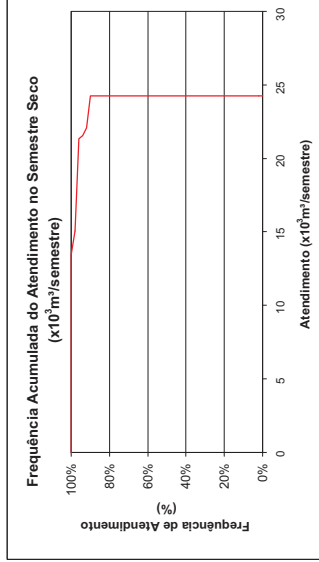
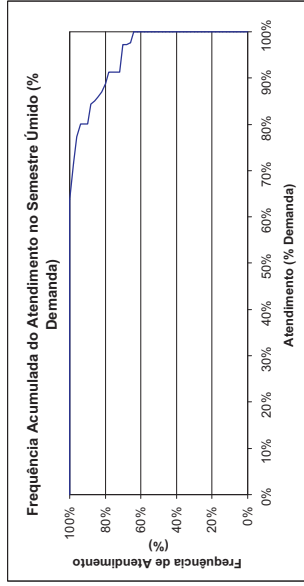
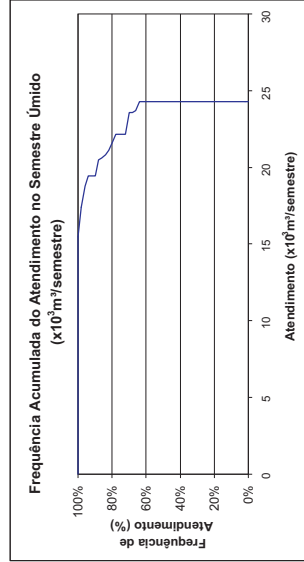


Pacoti

Demanda Animal Rural - Consolidação por Município

Horizonte 2020 com Infra-estrutura Atual

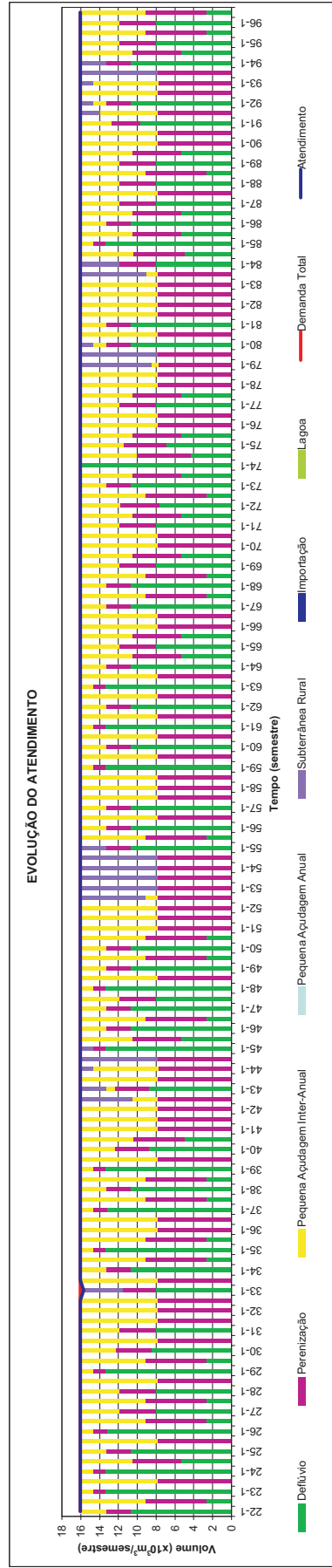
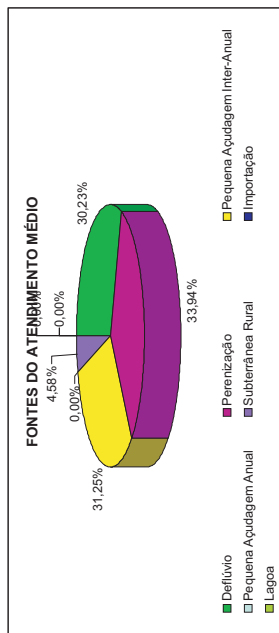
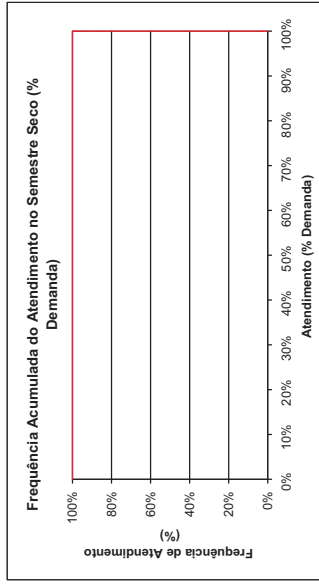
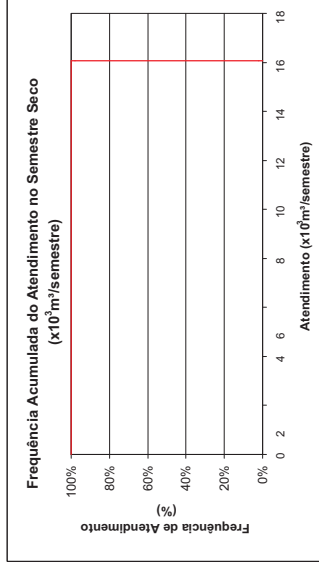
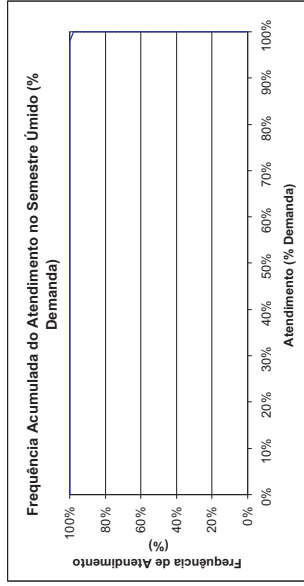
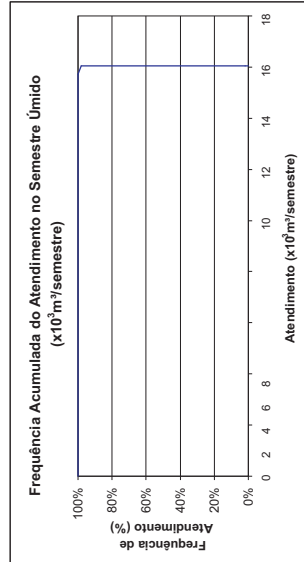
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	24,264	100%	24,264	100%
10%	24,264	100%	24,264	100%
20%	24,264	100%	24,264	100%
30%	24,264	100%	24,264	100%
40%	24,264	100%	24,264	100%
50%	24,264	100%	24,264	100%
60%	24,264	100%	24,264	100%
70%	23,586	97%	24,264	100%
80%	21,561	89%	24,264	100%
90%	19,438	80%	24,264	100%
100%	15,477	64%	13,452	55%
Atend. Mínimo	24,264	100%	24,264	100%
Freq. de Falha	15,477	64%	13,452	55%
Demanda	24,264 m³/semestre		9,33%	
	1,55 l/s			





Palhano
Demanda Animal Rural - Consolidação por Município
 Horizonte 2020 com Infra-estrutura Atual

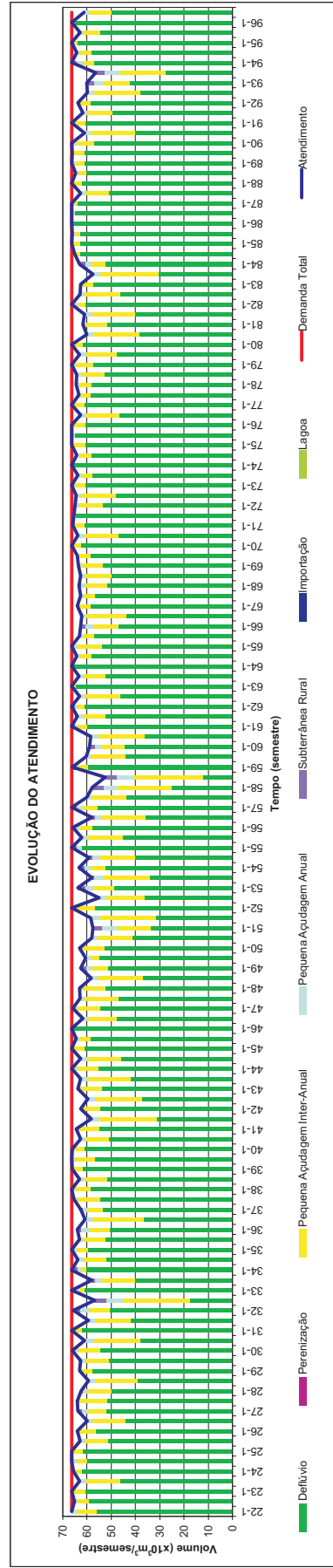
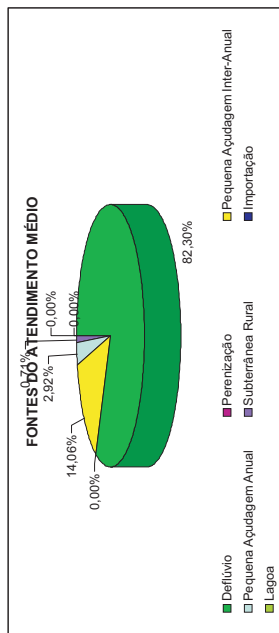
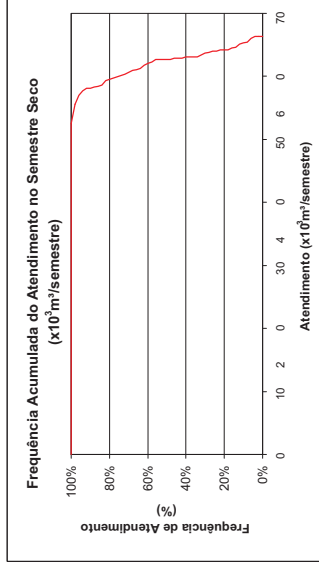
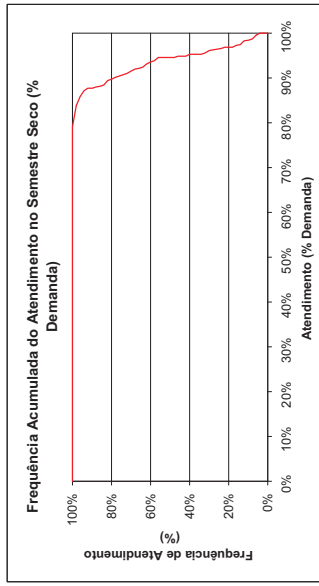
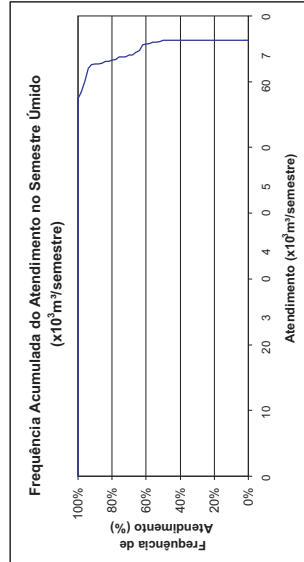
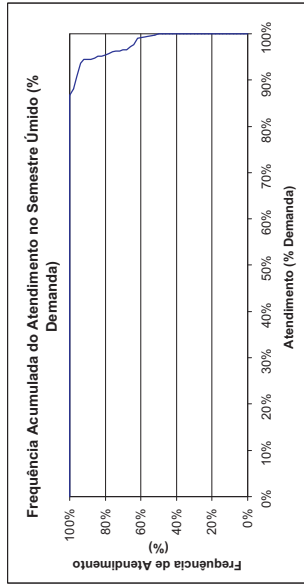
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	16,056	100%	16,056	100%
10%	16,056	100%	16,056	100%
20%	16,056	100%	16,056	100%
30%	16,056	100%	16,056	100%
40%	16,056	100%	16,056	100%
50%	16,056	100%	16,056	100%
60%	16,056	100%	16,056	100%
70%	16,056	100%	16,056	100%
80%	16,056	100%	16,056	100%
90%	16,056	100%	16,056	100%
100%	15,712	98%	16,056	100%
Atend. Mínimo	16,056	100%	16,056	100%
Freq. de Falha	1,33%		0,00%	
Demanda	16,056 m³/semestre		1,03 l/s	





Palmácia
Demanda Animal Rural - Consolidação por Município
 Horizonte 2020 com Infra-estrutura Atual

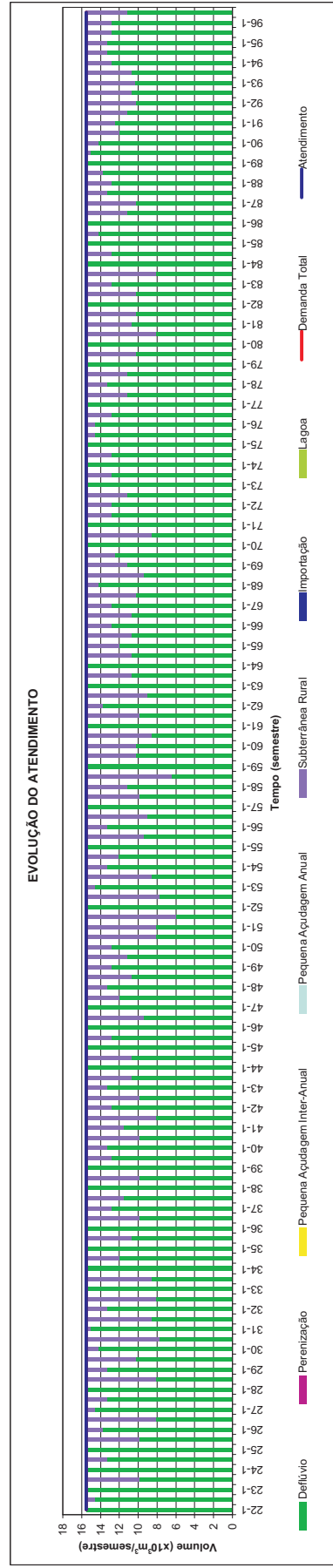
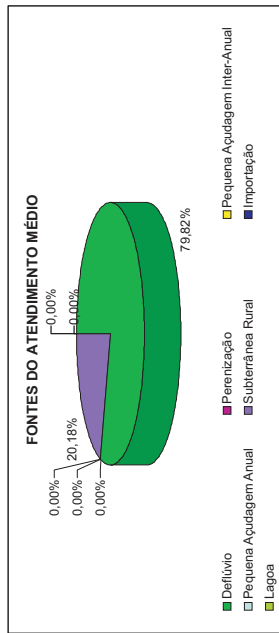
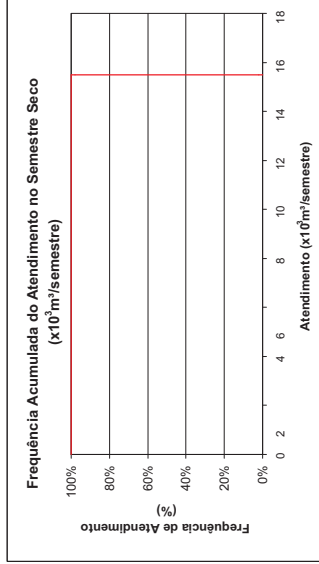
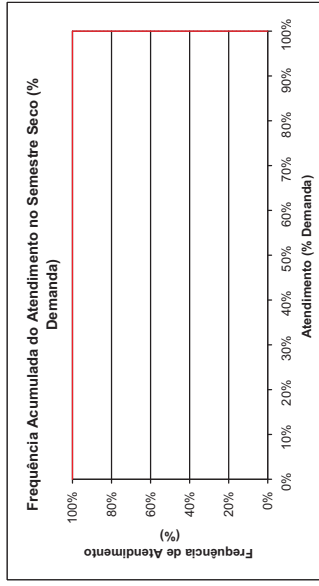
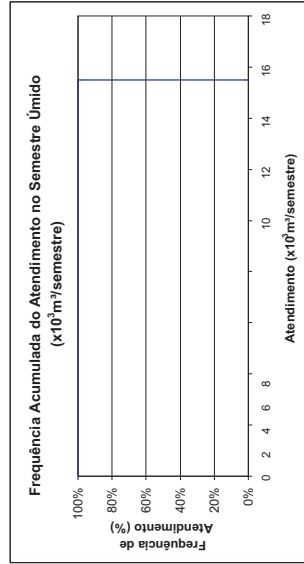
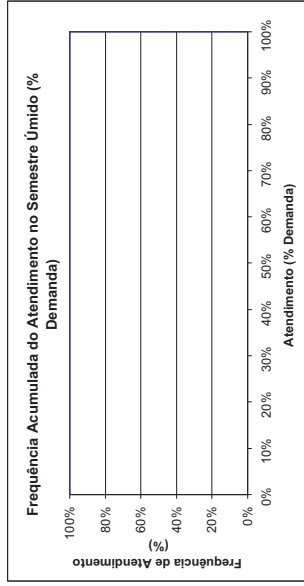
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	66.294	100%	66.294	100%
10%	66.294	100%	65.2796	98%
20%	66.294	100%	64.243	97%
30%	66.294	100%	63.7054	96%
40%	66.294	100%	63.124	95%
50%	66.275	100%	62.676	95%
60%	65.7476	99%	62.0332	94%
70%	64.0134	97%	60.6654	92%
80%	63.3012	95%	59.498	90%
90%	62.668	95%	58.1352	88%
100%	57.461	87%	52.478	79%
Atend. Mínimo	66.275	100%	62.676	95%
Freq. de Falha	57.461	87%	52.478	79%
Demanda	53.33%		94,67%	
	66.294 m³/semestre		4,26 l/s	





Paracuru
Demanda Animal Rural - Consolidação por Município
 Horizonte 2020 com Infra-estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	15,498	100%	15,498	100%
10%	15,498	100%	15,498	100%
20%	15,498	100%	15,498	100%
30%	15,498	100%	15,498	100%
40%	15,498	100%	15,498	100%
50%	15,498	100%	15,498	100%
60%	15,498	100%	15,498	100%
70%	15,498	100%	15,498	100%
80%	15,498	100%	15,498	100%
90%	15,498	100%	15,498	100%
100%	15,498	100%	15,498	100%
Atend. Mínimo	15,498	100%	15,498	100%
Freq. de Falha	0,00%		0,00%	
Demanda	15,498 m³/semestre		1,00 l/s	



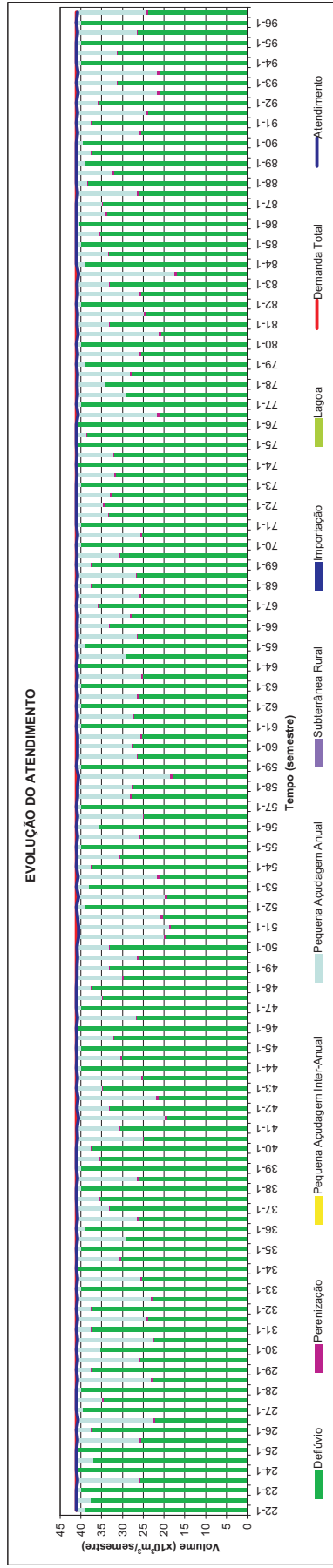
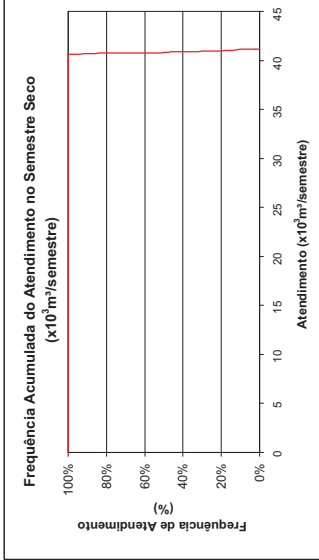
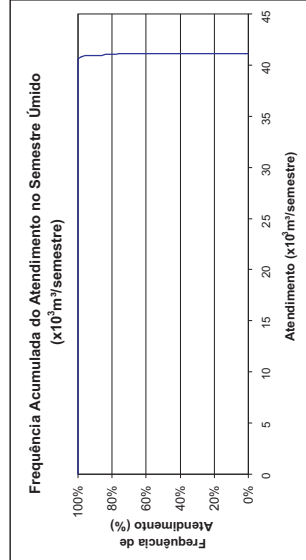
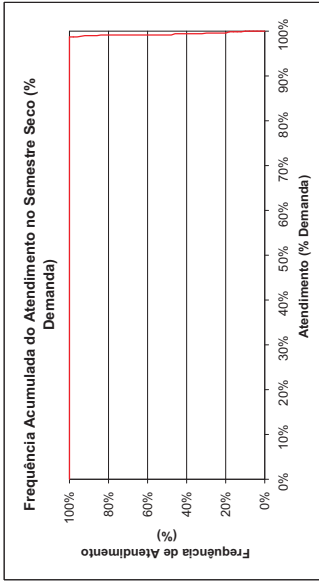
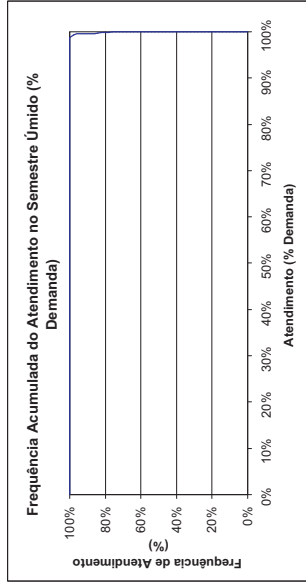
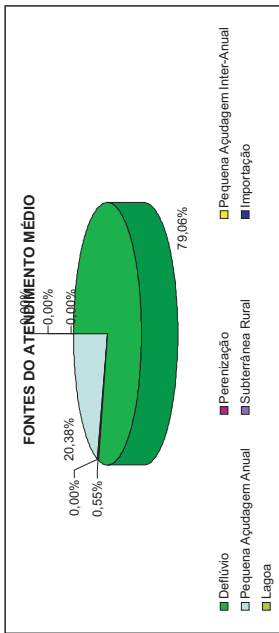


Pentecoste

Demanda Animal Rural - Consolidação por Município

Horizonte 2020 com Infra-estrutura Atual

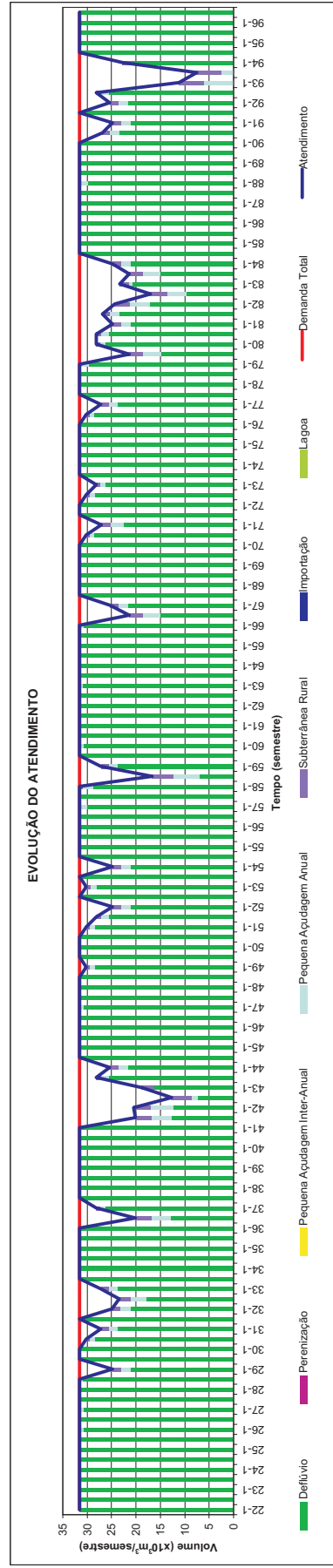
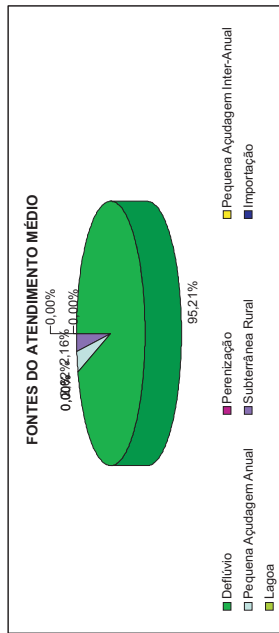
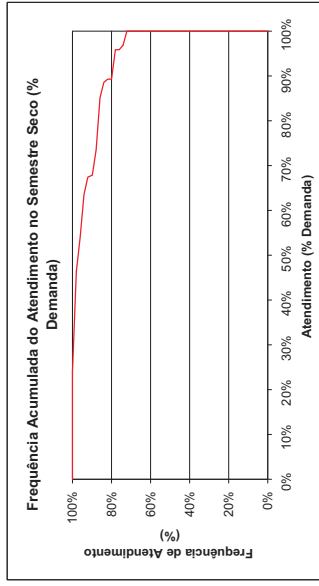
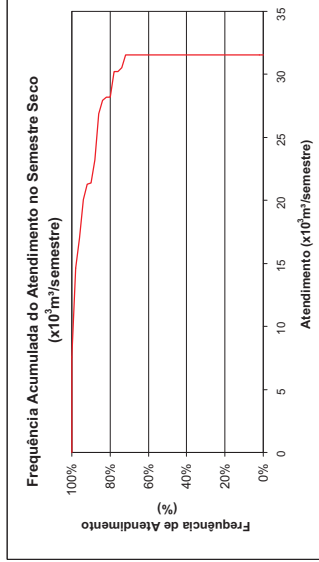
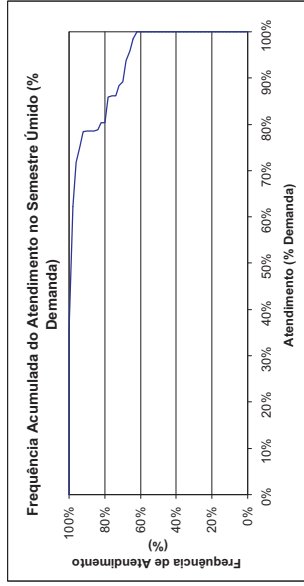
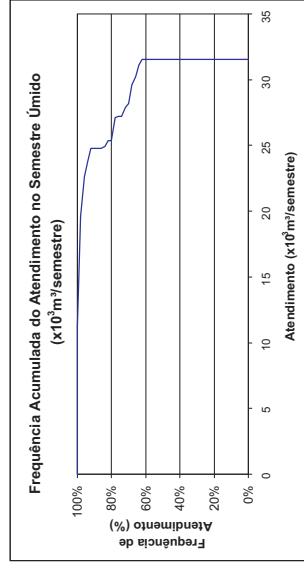
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	41.124	100%	41.124	100%
10%	41.124	100%	41.124	100%
20%	41.124	100%	40.9706	100%
30%	41.124	100%	40.9362	100%
40%	41.124	100%	40.873	99%
50%	41.124	100%	40.794	99%
60%	41.124	100%	40.78	99%
70%	41.124	100%	40.78	99%
80%	41.045	100%	40.78	99%
90%	40.962	100%	40.701	99%
100%	40.608	99%	40.608	99%
Atend. Mínimo	41.124	100%	40.794	99%
Atend. Máximo	40.608	99%	40.608	99%
Atend. Médio	40.608	99%	40.608	99%
Freq. de Falha	24,00%		88,00%	
Demanda	41.124 m³/semestre		2,64 l/s	





Pindoretama
Demanda Animal Rural - Consolidação por Município
 Horizonte 2020 com Infra-estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	31,56	100%	31,56	100%
10%	31,56	100%	31,56	100%
20%	31,56	100%	31,56	100%
30%	31,56	100%	31,56	100%
40%	31,56	100%	31,56	100%
50%	31,56	100%	31,56	100%
60%	31,56	100%	31,56	100%
70%	28,175	89%	31,56	100%
80%	25,341	80%	28,175	89%
90%	24,79	79%	21,405	68%
100%	11,25	36%	7,587	24%
Atend. Mínimo	11,25	36%	31,56	100%
Freq. de Falha	36,00%		7,587	24%
Demanda	31.560 m³/semestre		26.67%	
	2,03 l/s			



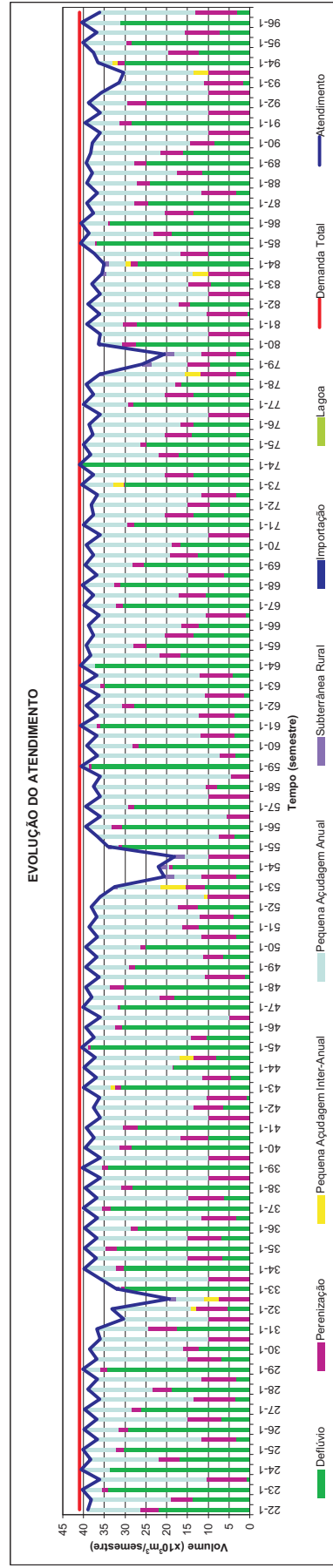
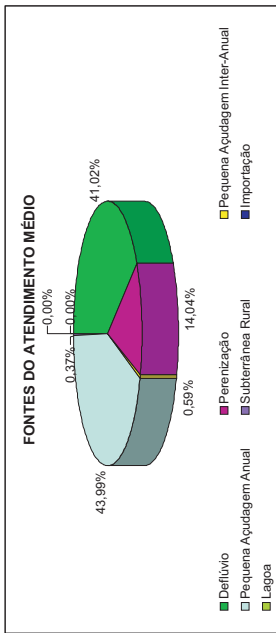
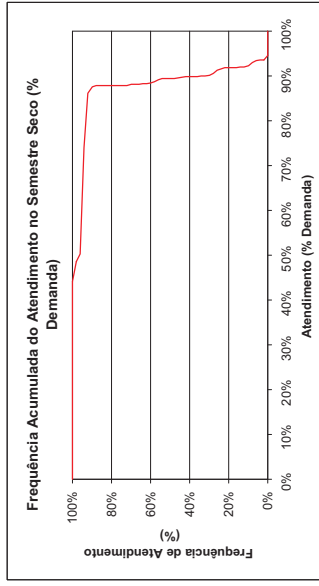
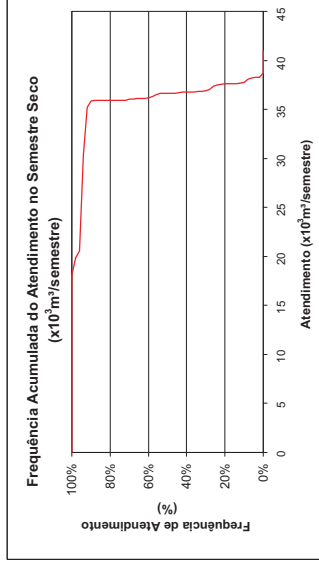
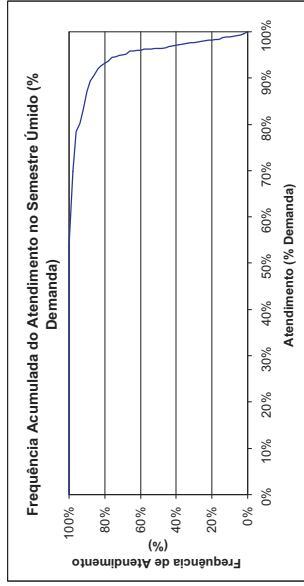
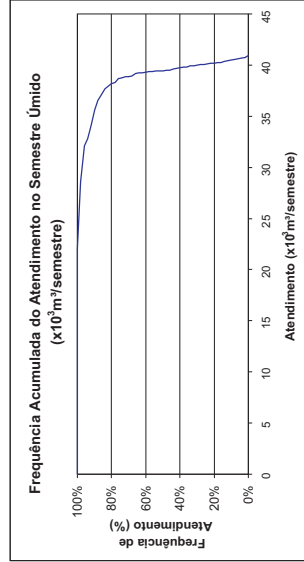


Quixadá

Demanda Animal Rural - Consolidação por Município

Horizonte 2020 com Infra-estrutura Atual

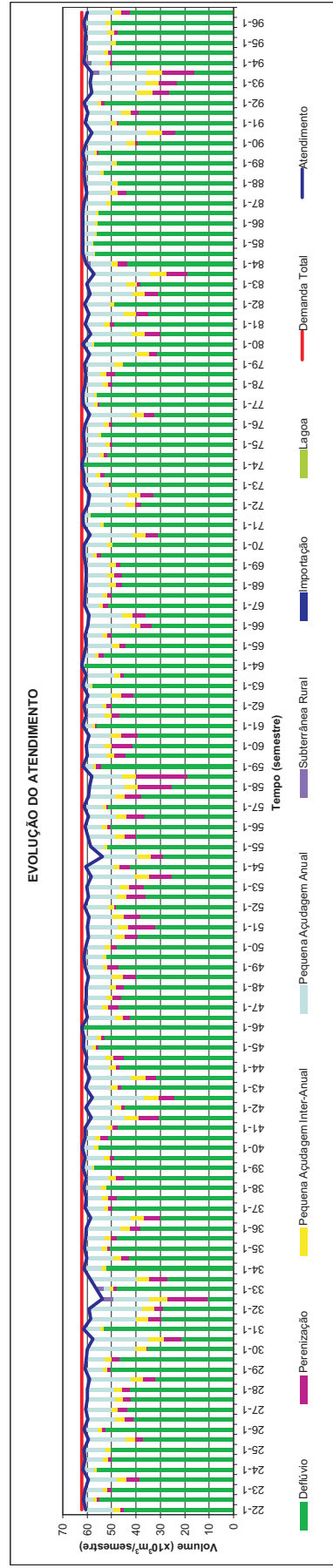
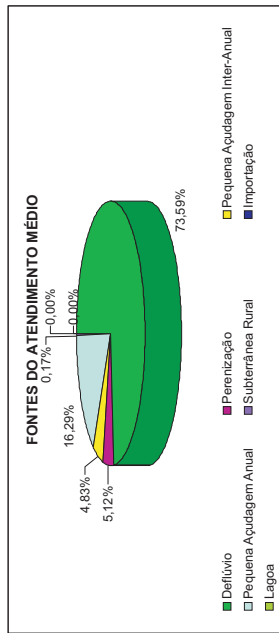
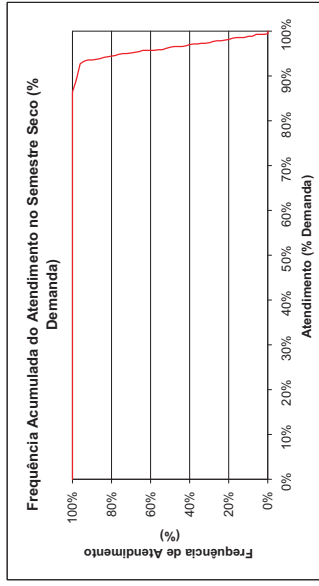
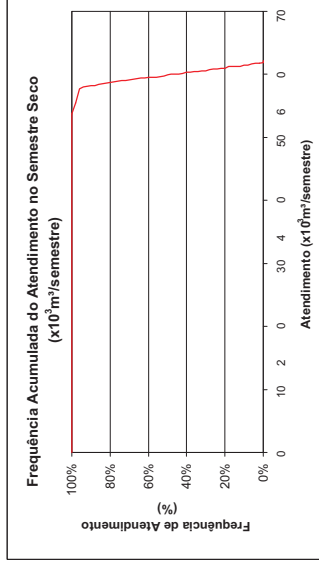
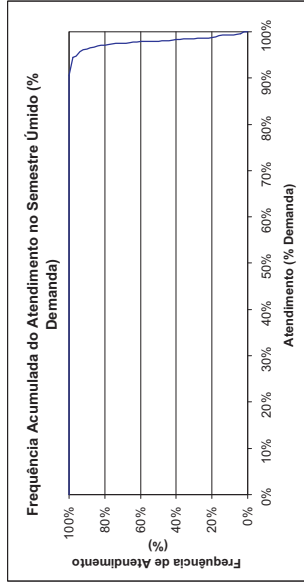
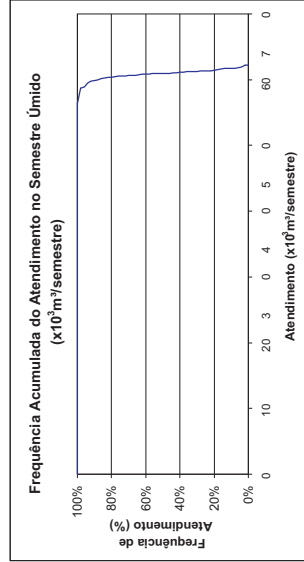
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	40,926	100%	38,702	95%
10%	40,4904	99%	37,7772	92%
20%	40,2038	98%	37,61	92%
30%	40,23192	98%	36,8712	90%
40%	39,7254	97%	36,761	90%
50%	39,456	96%	36,621	89%
60%	39,3078	96%	36,2152	88%
70%	38,8938	95%	36,046	88%
80%	38,157	93%	35,952	88%
90%	35,6416	87%	35,6506	86%
100%	22,092	54%	18,078	44%
Atend. Médio	39,456	96%	36,621	89%
Atend. Mínimo	22,092	54%	18,078	44%
Freq. de Falha	96,67%		100,00%	
Demanda	40,926 m ³ /semestre		2,63 l/s	





Redenção
Demanda Animal Rural - Consolidação por Município
 Horizonte 2020 com Infra-estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	62.178	100%	61.857	99%
10%	61.7434	99%	61.4404	99%
20%	61.4304	99%	60.9804	98%
30%	61.48556	99%	60.582	97%
40%	61.132	98%	60.351	97%
50%	60.922	98%	59.991	96%
60%	60.8632	98%	59.4934	96%
70%	60.6234	97%	59.1508	95%
80%	60.376	97%	58.737	94%
90%	59.898	96%	58.166	94%
100%	56.329	91%	53.768	86%
Atend. Médio	60.922	98%	59.991	96%
Freq. de Falha	56.329	91%	53.768	86%
Demanda	62.178	m³/semestre	61.857	m³/semestre
				4.00 /s



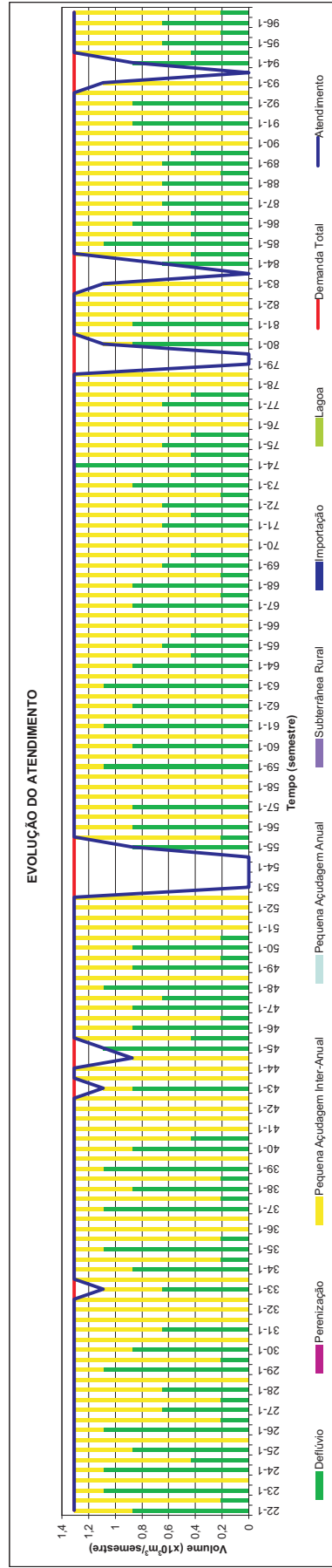
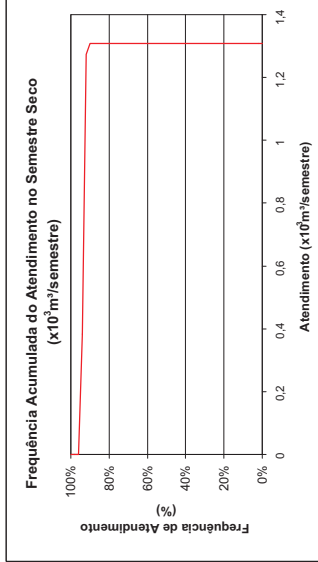
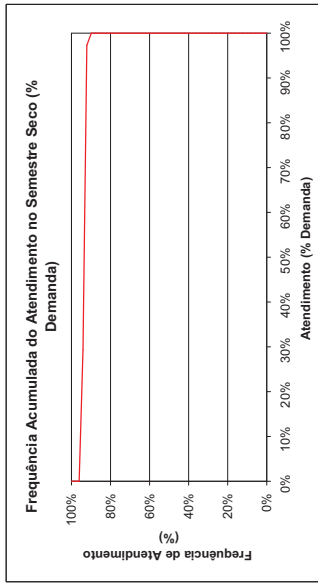
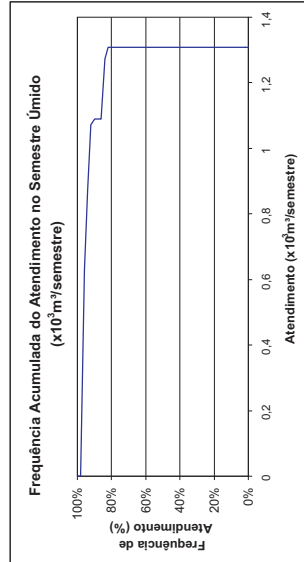
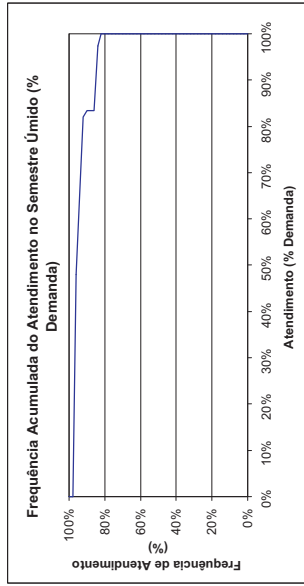
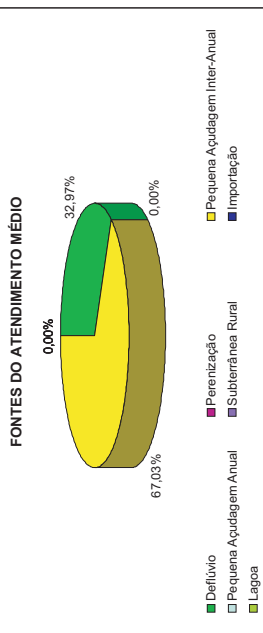


Russas

Demanda Animal Rural - Consolidação por Município

Horizonte 2020 com Infra-estrutura Atual

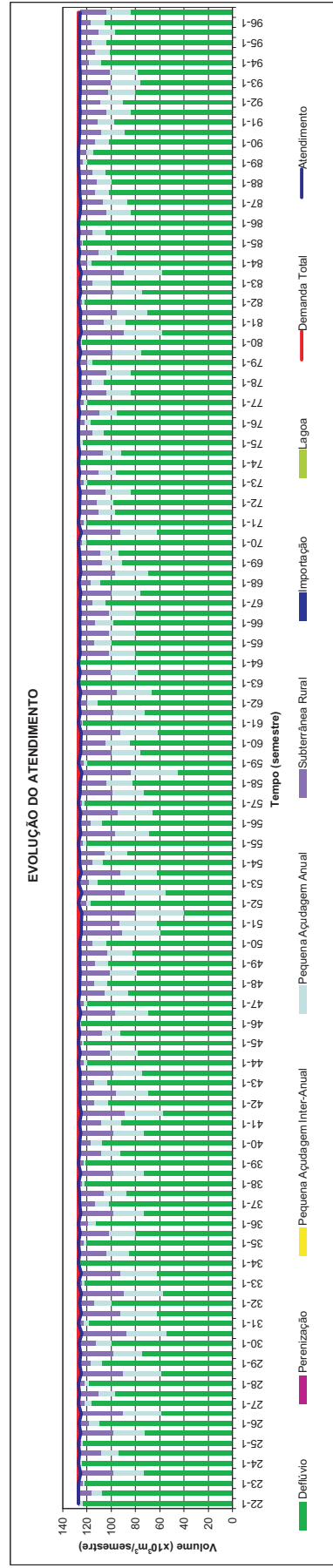
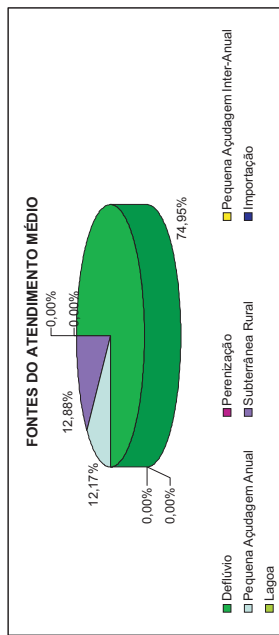
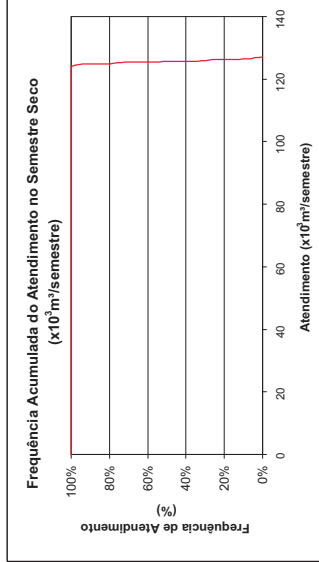
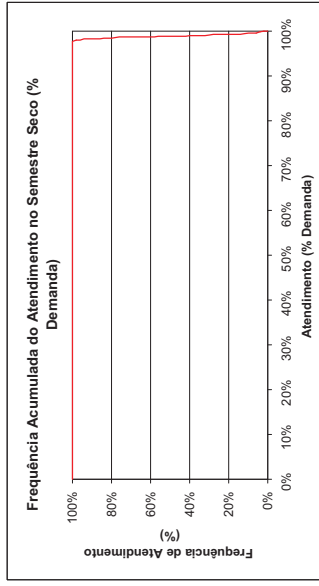
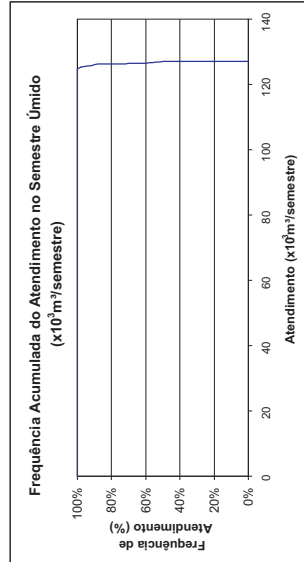
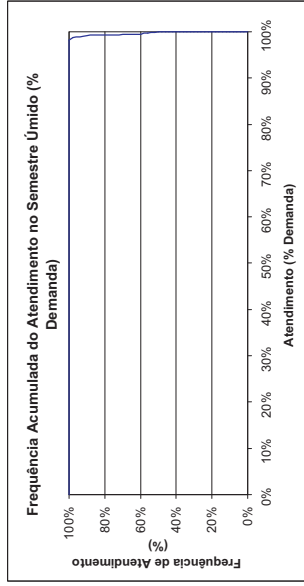
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	1.308	100%	1.308	100%
10%	1.308	100%	1.308	100%
20%	1.308	100%	1.308	100%
30%	1.308	100%	1.308	100%
40%	1.308	100%	1.308	100%
50%	1.308	100%	1.308	100%
60%	1.308	100%	1.308	100%
70%	1.308	100%	1.308	100%
80%	1.308	100%	1.308	100%
90%	1,09	83%	1,308	100%
100%	0	0%	0	0%
Atend. Mínimo	1.308	100%	1.308	100%
Freq. de Falha	0	0%	0	0%
Demanda	16.00%	1.308 m³/semestre	8.00%	0,08 l/s





São Gonçalo do Amarante
Demanda Animal Rural - Consolidação por Município
 Horizonte 2020 com Infra-estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	127,02	100%	127,02	100%
10%	127,02	100%	126,397	100%
20%	127,02	100%	126,199	99%
30%	127,02	100%	125,9652	99%
40%	127,02	100%	125,774	99%
50%	126,99	100%	125,576	99%
60%	126,397	100%	125,378	99%
70%	126,397	100%	125,378	99%
80%	126,199	99%	124,953	98%
90%	126,0502	99%	124,755	98%
100%	124,755	98%	124,132	98%
Atend. Mínimo	126,99	100%	125,576	99%
Atend. Médio	124,755	98%	124,132	98%
Freq. de Falha		50,67%		98,67%
Demanda	127,020 m³/semestre		8,17 l/s	



PLANO DE GERENCIAMENTO DAS ÁGUAS DAS BACIAS METROPOLITANAS

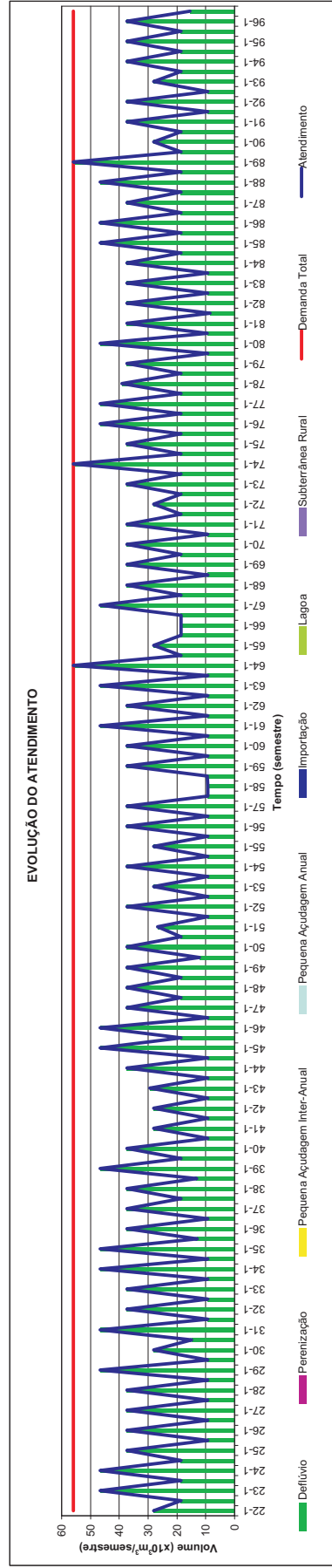
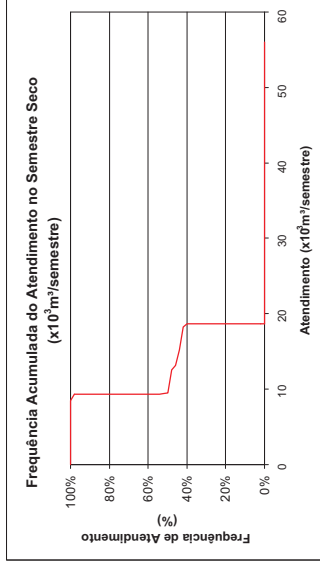
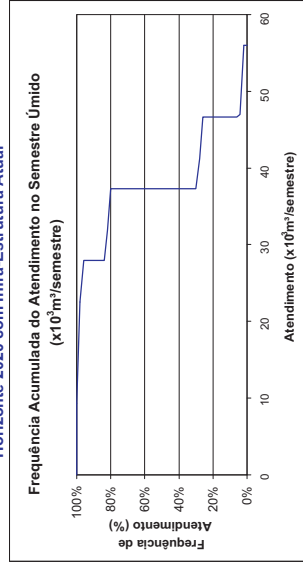
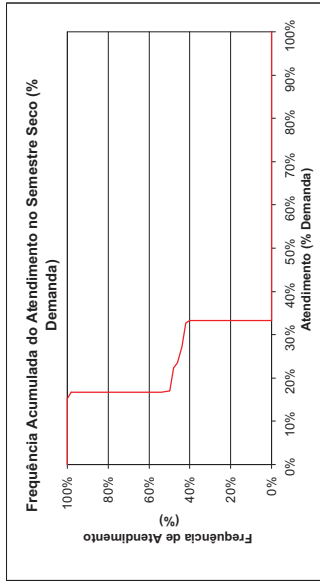
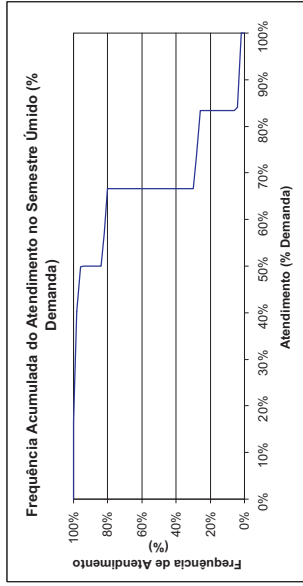
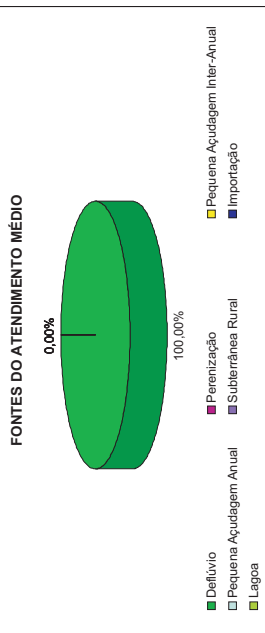


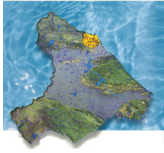


CAUCAIA - Fazenda Garrote Demanda de Irrigação MJU.CAC.05

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	55,98	100%	18,66	33%
10%	46,65	83%	18,66	33%
20%	46,65	83%	18,66	33%
30%	46,65	83%	18,66	33%
40%	37,32	67%	18,66	33%
50%	37,32	67%	9,515	17%
60%	37,32	67%	9,33	17%
70%	37,32	67%	9,33	17%
80%	37,32	67%	9,33	17%
90%	27,99	50%	9,33	17%
100%	9,33	17%	8,489	15%
Atend. Médio	37,32	67%	9,515	17%
Atend. Mínimo	9,33	17%	8,489	15%
Demanda	96,00%	55,980 x10³m³/semestre	100,00%	3,60 J/s

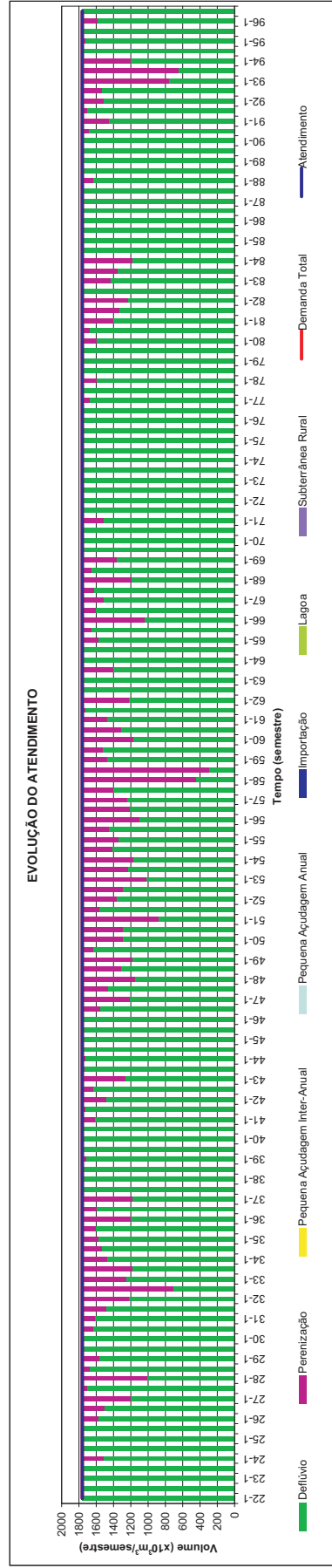
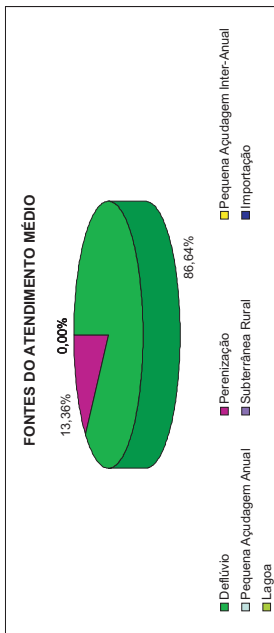
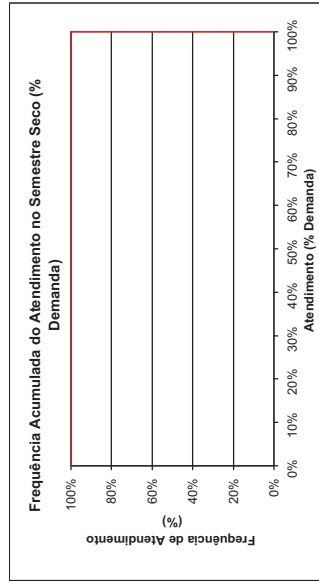
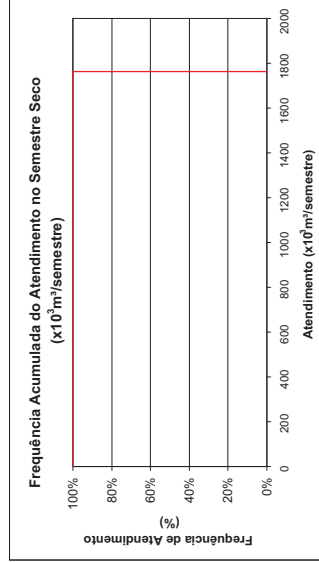
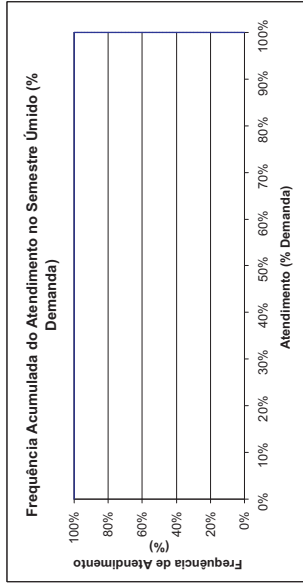
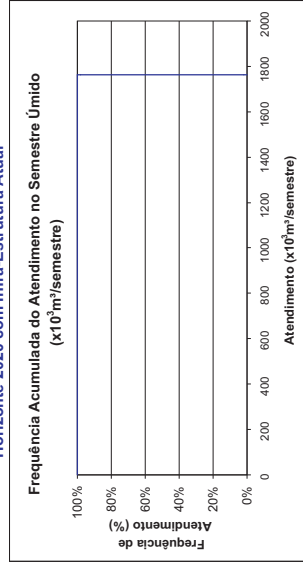




REDEDENÇÃO - Área a jusante do açude Acarape do Meio
Demanda de Irrigação
MPA, RED.01

Horizonte 2020 com Infra-Estrutura Atual

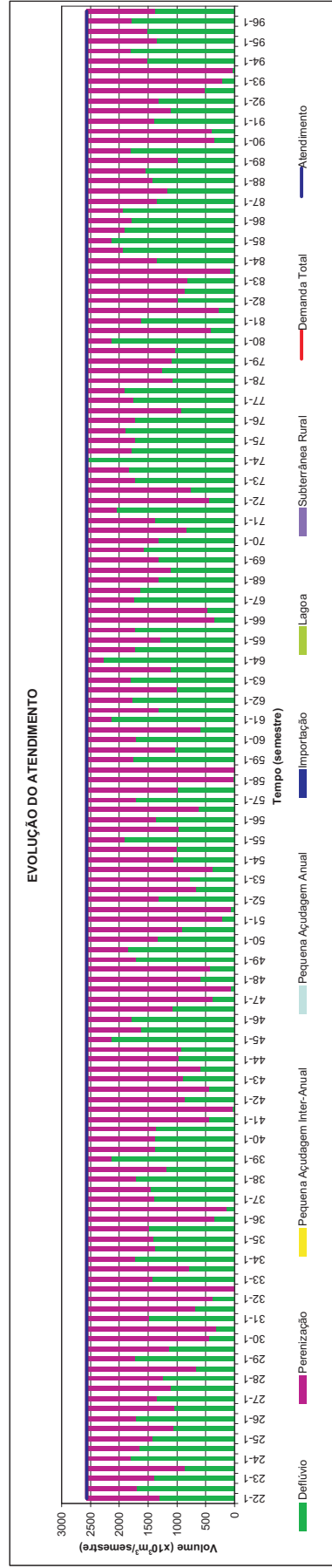
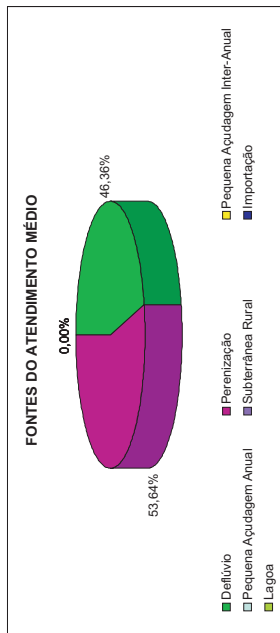
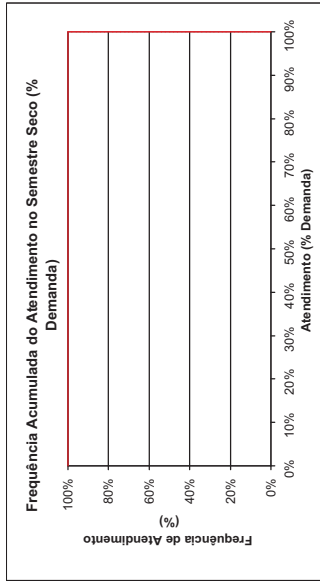
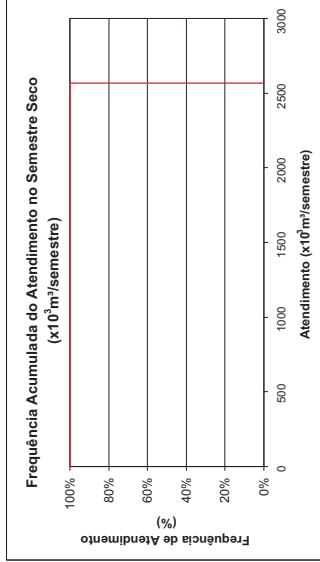
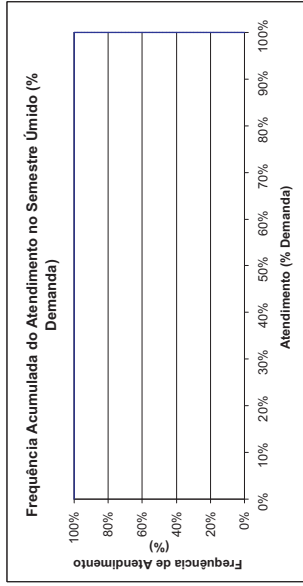
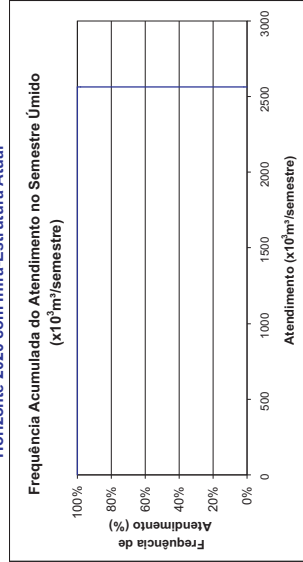
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	1763,37	100%	1763,37	100%
10%	1763,37	100%	1763,37	100%
20%	1763,37	100%	1763,37	100%
30%	1763,37	100%	1763,37	100%
40%	1763,37	100%	1763,37	100%
50%	1763,37	100%	1763,37	100%
60%	1763,37	100%	1763,37	100%
70%	1763,37	100%	1763,37	100%
80%	1763,37	100%	1763,37	100%
90%	1763,37	100%	1763,37	100%
100%	1763,37	100%	1763,37	100%
Atend. Mínimo	1763,37	100%	1763,37	100%
Freq. de Falha	0,00%		0,00%	
Demanda	1.763,370 x10³m³/semestre		113,39 l/s	





REDEÇÃO - Área a jusante do açude Acarape do Meio
Demanda de Irrigação
MPA, RED.02
Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	2565,75	100%	2565,75	100%
10%	2565,75	100%	2565,75	100%
20%	2565,75	100%	2565,75	100%
30%	2565,75	100%	2565,75	100%
40%	2565,75	100%	2565,75	100%
50%	2565,75	100%	2565,75	100%
60%	2565,75	100%	2565,75	100%
70%	2565,75	100%	2565,75	100%
80%	2565,75	100%	2565,75	100%
90%	2565,75	100%	2565,75	100%
100%	2565,75	100%	2565,75	100%
Atend. Médio	2565,75	100%	2565,75	100%
Freq. de Falha	0,00%		0,00%	
Demanda	2.565,750 x10³m³/semestre		164,98 l/s	

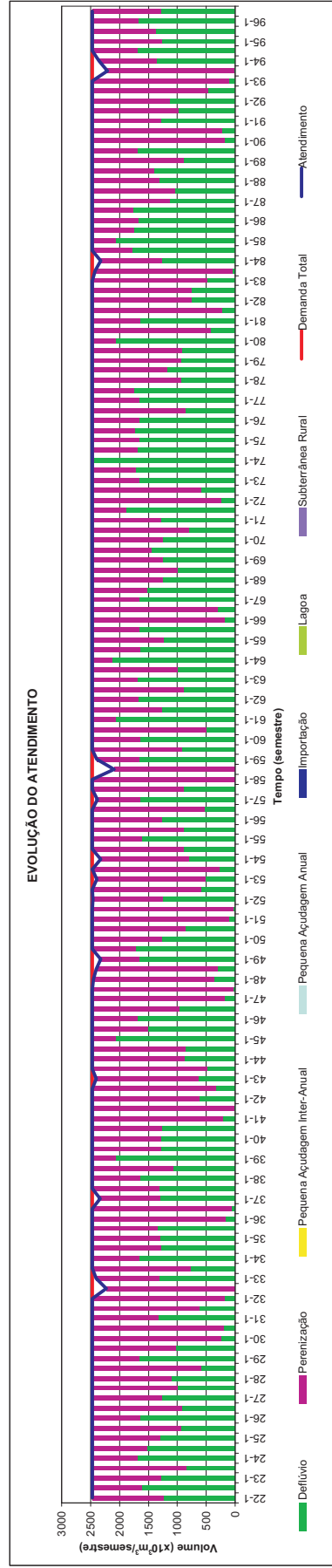
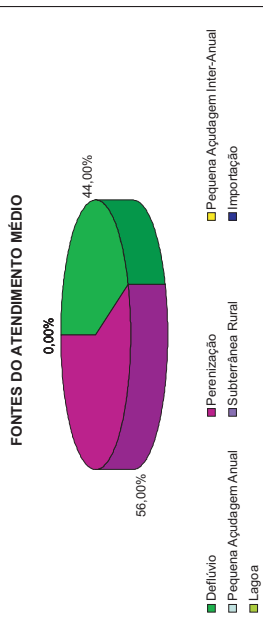
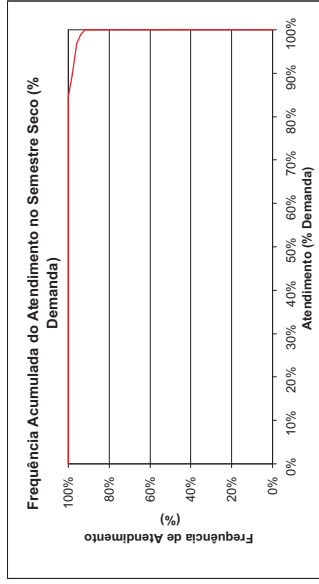
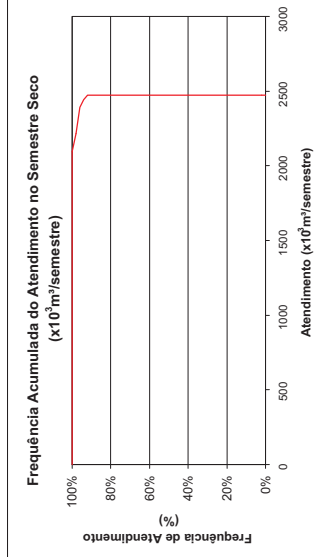
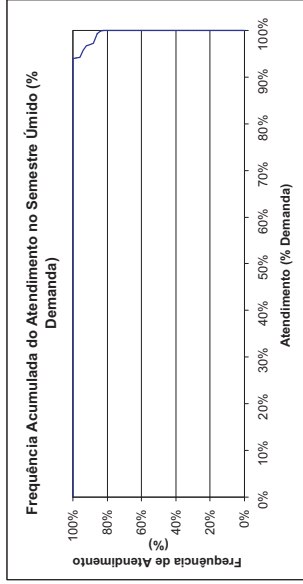
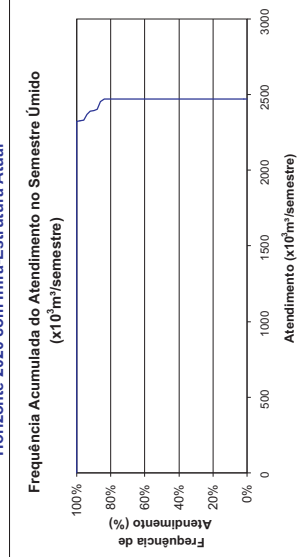




ACARAPE - Área a jusante do Açude Acarape do Meio Demanda de Irrigação MPA.ACR.03

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	2472,45	100%	2472,45	100%
10%	2472,45	100%	2472,45	100%
20%	2472,45	100%	2472,45	100%
30%	2472,45	100%	2472,45	100%
40%	2472,45	100%	2472,45	100%
50%	2472,45	100%	2472,45	100%
60%	2472,45	100%	2472,45	100%
70%	2472,45	100%	2472,45	100%
80%	2472,45	100%	2472,45	100%
90%	2396,2166	97%	2472,45	100%
100%	2323,438	94%	2094,669	85%
Atend. Médio	2472,45	100%	2472,45	100%
Atend. Mínimo	2323,438	94%	2094,669	85%
Freq. de Falha	16,00%		6,67%	
Demanda	2.472,450 x10³m³/semestre		159,98 l/s	

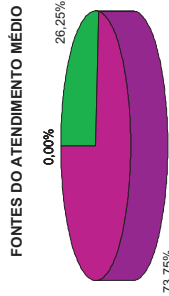




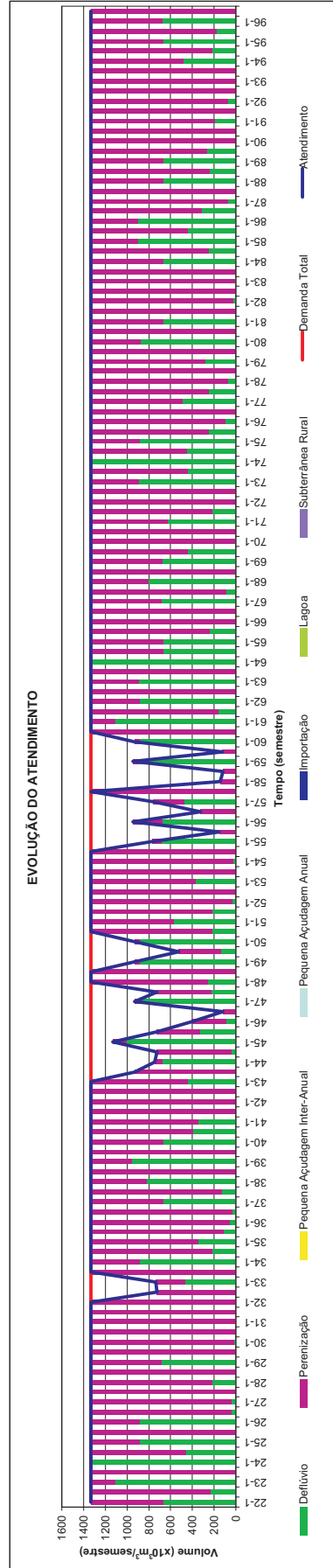
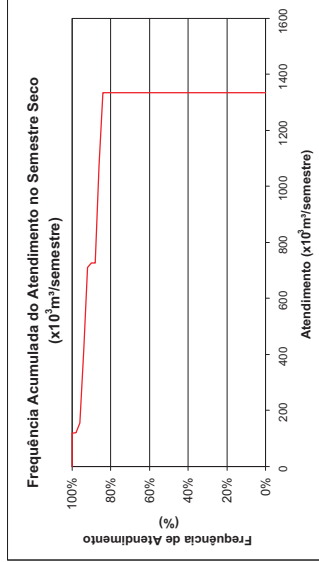
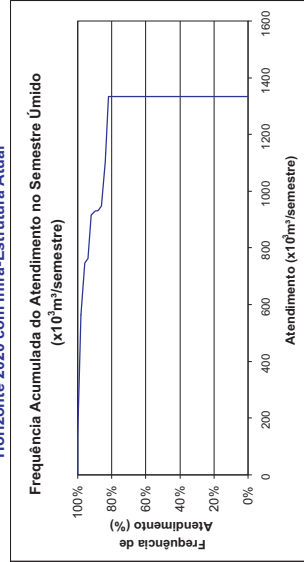
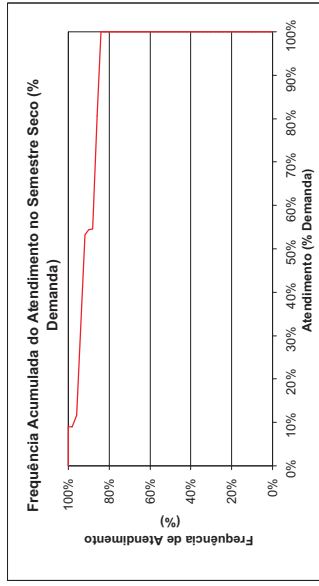
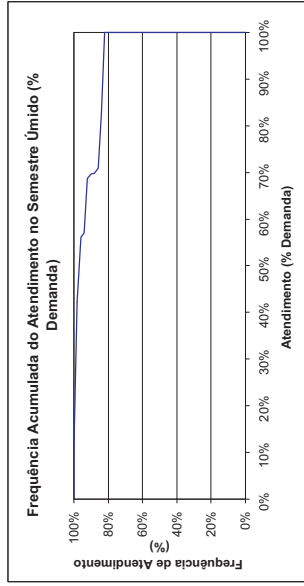
QUIXADÁ - Área a jusante do Açude Choró-Limão Demanda de Irrigação MCH.QUI.06

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	1334,19	100%	1334,19	100%
10%	1334,19	100%	1334,19	100%
20%	1334,19	100%	1334,19	100%
30%	1334,19	100%	1334,19	100%
40%	1334,19	100%	1334,19	100%
50%	1334,19	100%	1334,19	100%
60%	1334,19	100%	1334,19	100%
70%	1334,19	100%	1334,19	100%
80%	1334,19	100%	1334,19	100%
90%	929,8578	70%	726,8086	54%
100%	141,729	11%	119,347	9%
Atend. Médio	1334,19	100%	1334,19	100%
Atend. Mínimo	141,729	11%	119,347	9%
Freq. de Falha	17,35%		14,67%	
Demanda	1.334,190 x10³m³/semestre		85,79 J/s	



- Deflúvio
- Pequena Ajudagem Anual
- Lagoa
- Perenização
- Subterrânea Rural
- Pequena Ajudagem Inter-Anual
- Importação

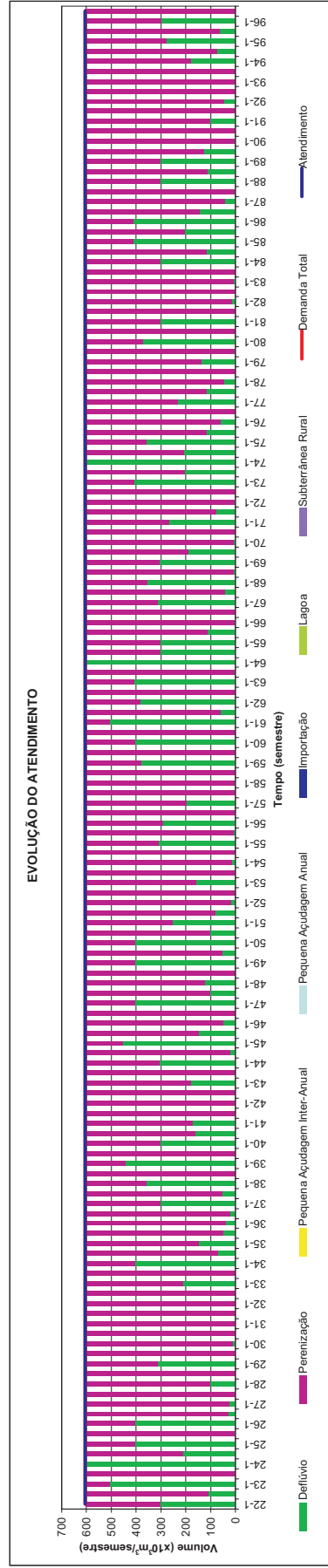
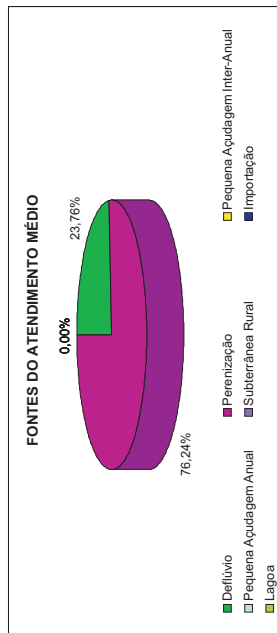
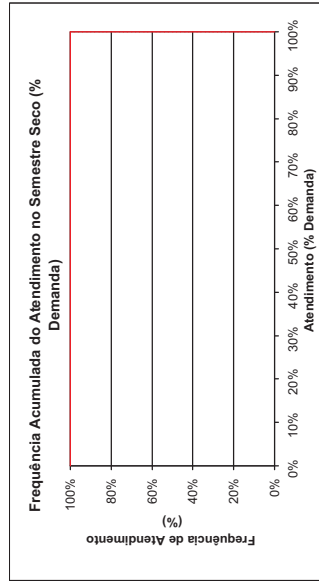
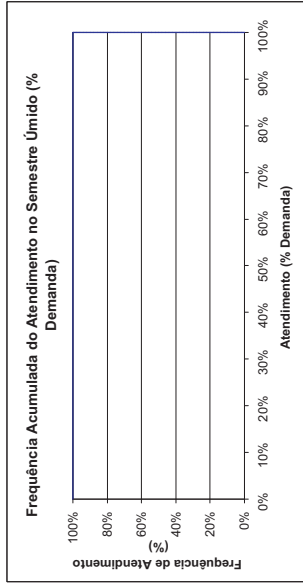
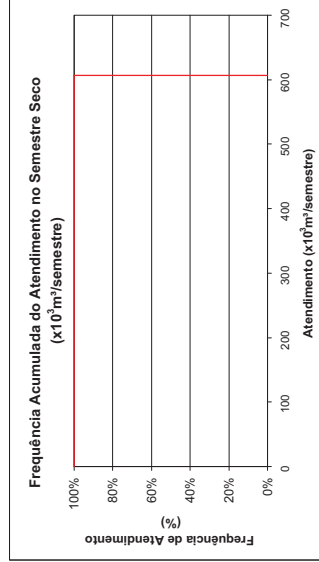
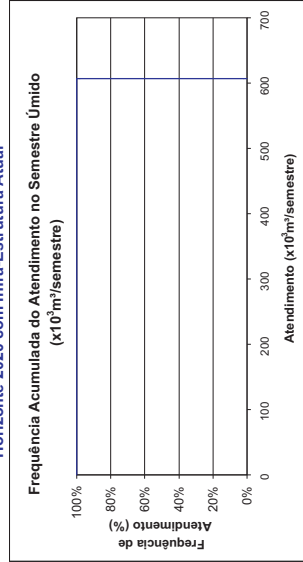




QUIXADÁ - Área a jusante do Açude Choró-Limão
Demanda de Irrigação
MCH.QUI.04

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	606,45	100%	606,45	100%
10%	606,45	100%	606,45	100%
20%	606,45	100%	606,45	100%
30%	606,45	100%	606,45	100%
40%	606,45	100%	606,45	100%
50%	606,45	100%	606,45	100%
60%	606,45	100%	606,45	100%
70%	606,45	100%	606,45	100%
80%	606,45	100%	606,45	100%
90%	606,45	100%	606,45	100%
100%	606,45	100%	606,45	100%
Atend. Médio	606,45	100%	606,45	100%
Freq. de Falha	606,45	100%	606,45	100%
Demanda	0,00%	606,450 x10³m³/semestre	0,00%	38,99 /is

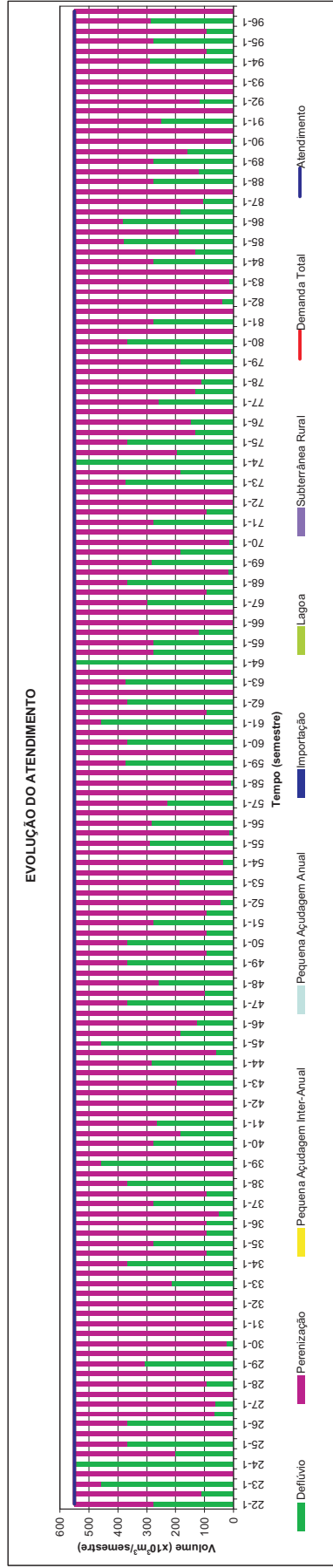
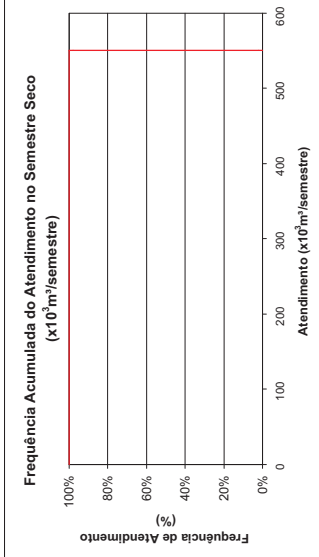
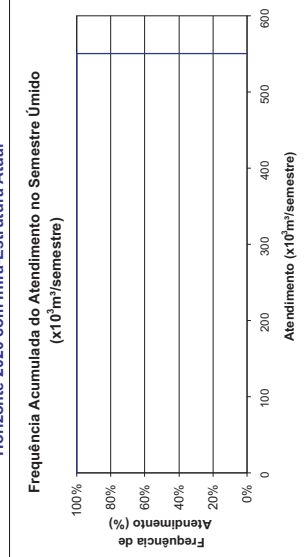
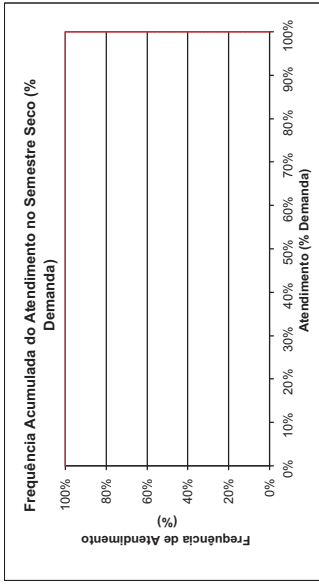
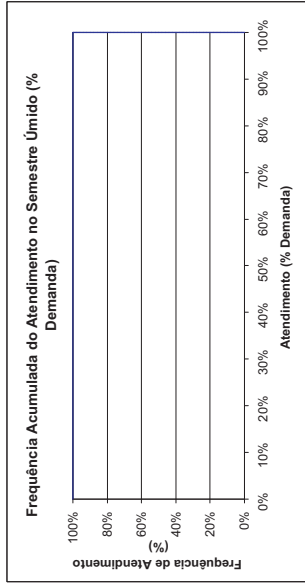
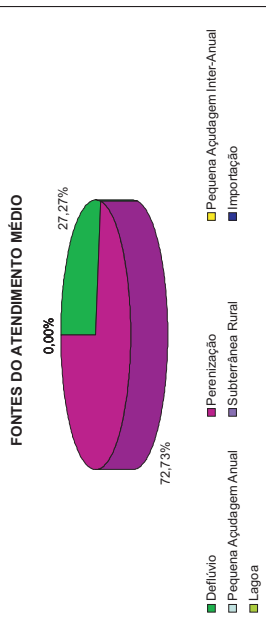




CHORÓ - Área a jusante do Açude Choró-Limão
Demanda de Irrigação
MCH.CHR.15

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	550.47	100%	550.47	100%
10%	550.47	100%	550.47	100%
20%	550.47	100%	550.47	100%
30%	550.47	100%	550.47	100%
40%	550.47	100%	550.47	100%
50%	550.47	100%	550.47	100%
60%	550.47	100%	550.47	100%
70%	550.47	100%	550.47	100%
80%	550.47	100%	550.47	100%
90%	550.47	100%	550.47	100%
100%	550.47	100%	550.47	100%
Atend. Médio	550.47	100%	550.47	100%
Freq. de Falha	0,00%		0,00%	
Demanda	550,470 x10³m³/semestre		35,40 l/s	

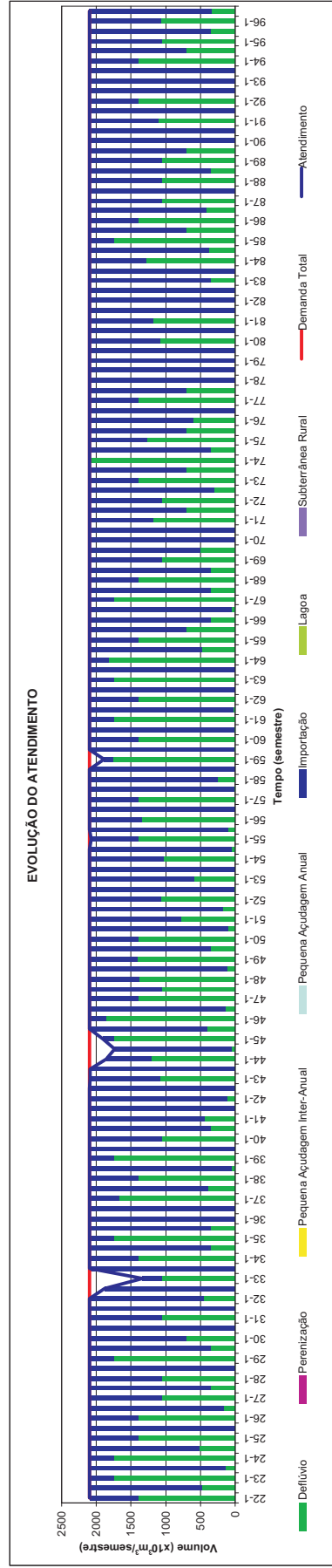
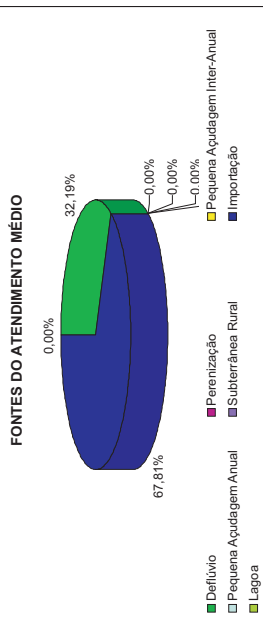
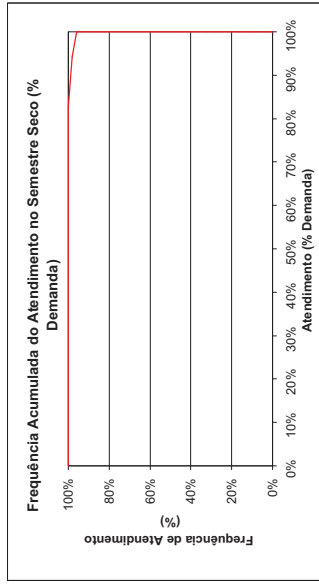
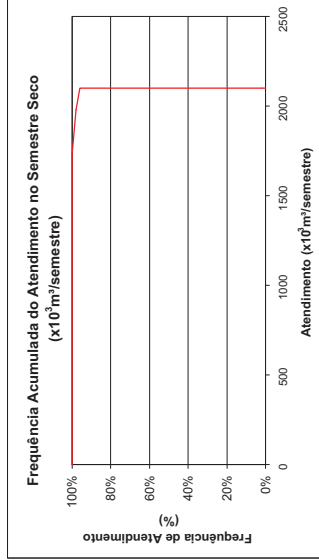
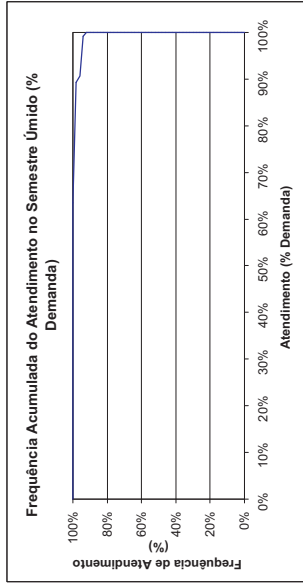
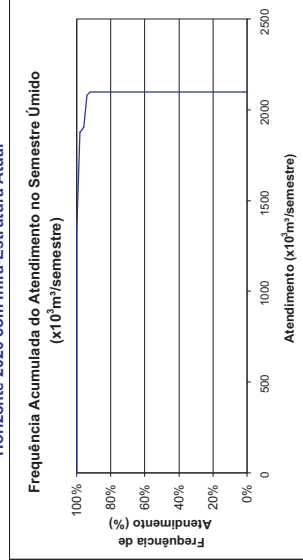




BEBERIBE - Área ao longo do Canal do Trabalhador Demanda de Irrigação MPI.BEB.07

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	2095,52	100%	2099,52	100%
10%	2095,52	100%	2099,52	100%
20%	2095,52	100%	2099,52	100%
30%	2095,52	100%	2099,52	100%
40%	2095,52	100%	2099,52	100%
50%	2095,52	100%	2099,52	100%
60%	2095,52	100%	2099,52	100%
70%	2095,52	100%	2099,52	100%
80%	2095,52	100%	2099,52	100%
90%	2095,52	100%	2099,52	100%
100%	1334,558	64%	1737,439	83%
Atend. Médio	2095,52	100%	2099,52	100%
Freq. de Falha	1334,558	64%	1737,439	83%
Demanda	2.099,520	8,00%	2.099,520	4,00%
	x10³m³/semestre		135,00	





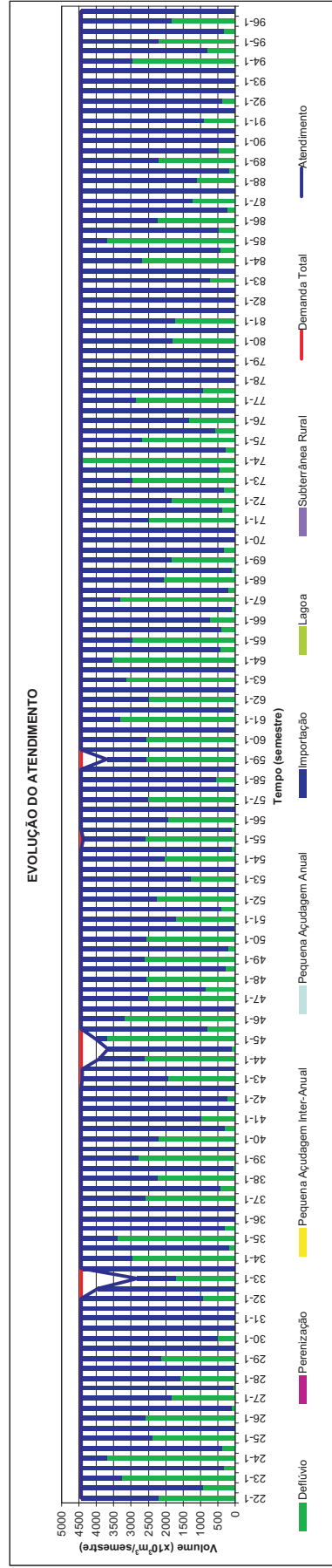
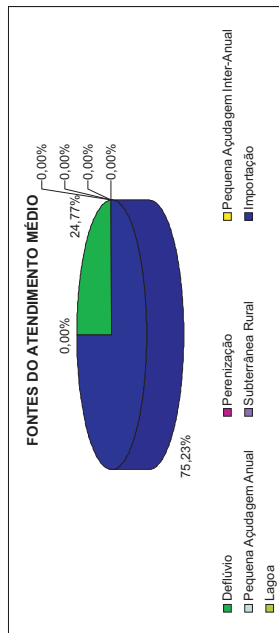
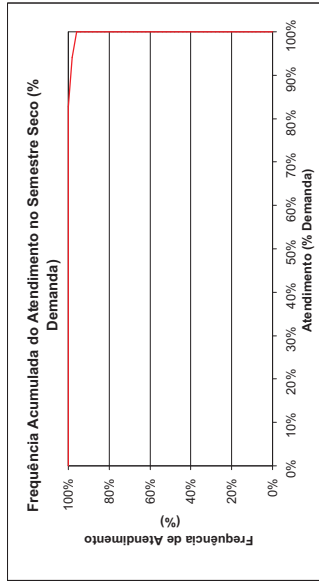
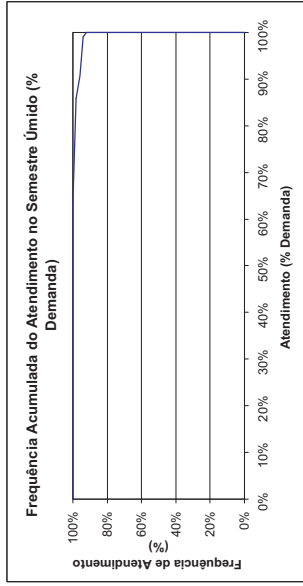
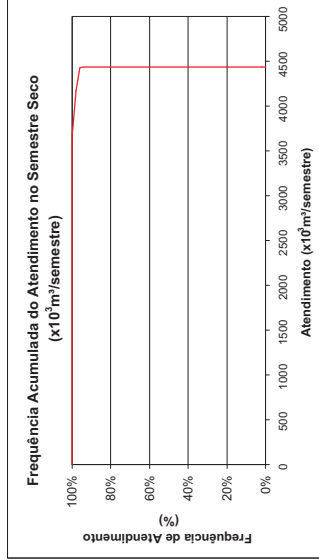
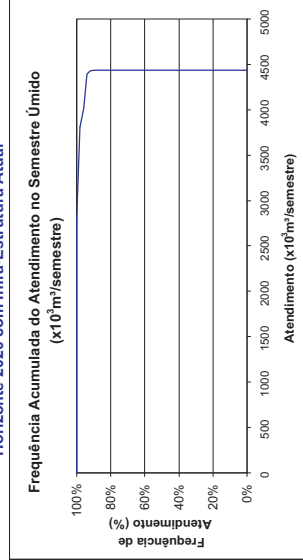
BEBERIBE - Área ao longo do Canal do Trabalhador

Demanda de Irrigação

MPI.BEB.26

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	4432,32	100%	4432,32	100%
10%	4432,32	100%	4432,32	100%
20%	4432,32	100%	4432,32	100%
30%	4432,32	100%	4432,32	100%
40%	4432,32	100%	4432,32	100%
50%	4432,32	100%	4432,32	100%
60%	4432,32	100%	4432,32	100%
70%	4432,32	100%	4432,32	100%
80%	4432,32	100%	4432,32	100%
90%	4432,32	100%	4432,32	100%
100%	2815,826	64%	3666,061	83%
Atend. Médio	4432,32	100%	4432,32	100%
Atend. Mínimo	2815,826	64%	3666,061	83%
Freq. de Falha	8,00%		4,00%	
Demanda	4.432,320		4.432,320	
			285,00	
			Is	

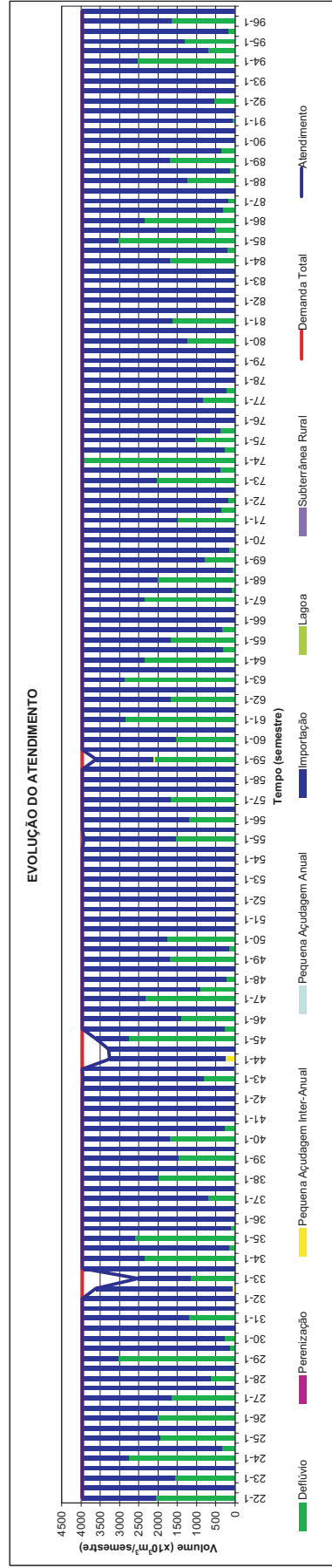
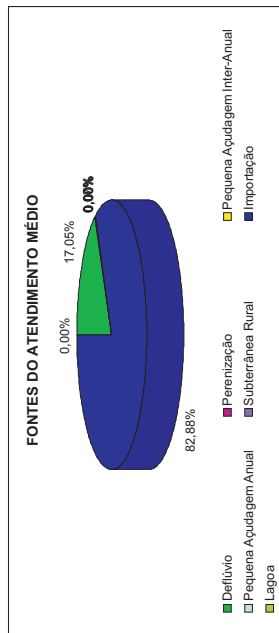
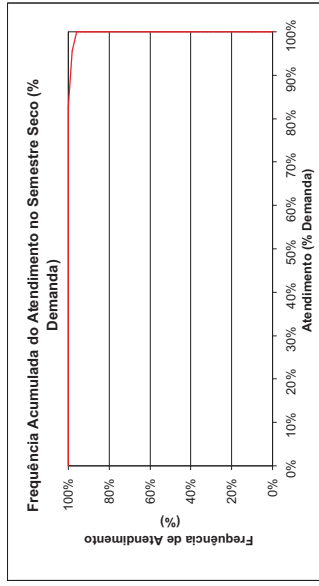
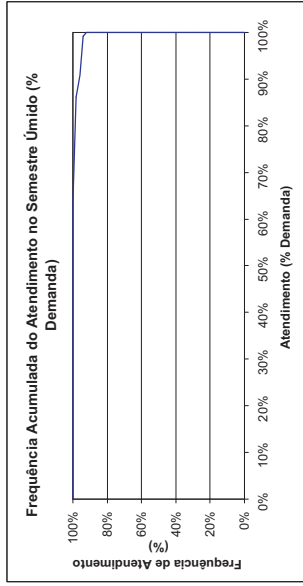
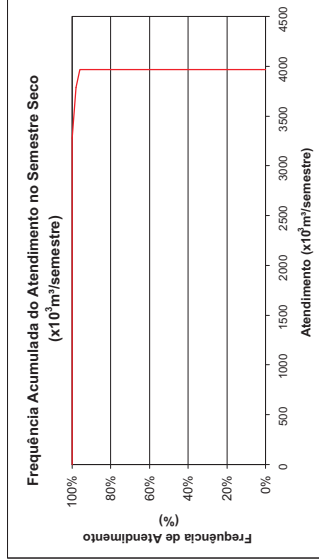
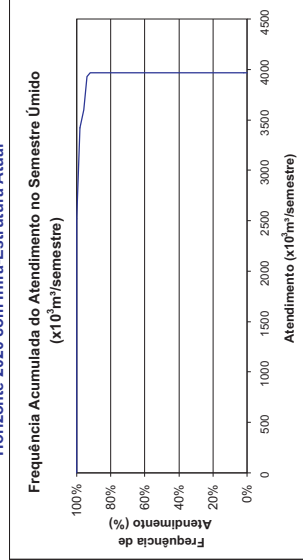


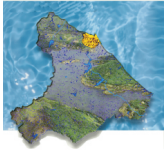


BEBERIBE - Área ao longo do Canal do Trabalhador Demanda de Irrigação MPI.BEB.23

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	3965,76	100%	3965,76	100%
10%	3965,76	100%	3965,76	100%
20%	3965,76	100%	3965,76	100%
30%	3965,76	100%	3965,76	100%
40%	3965,76	100%	3965,76	100%
50%	3965,76	100%	3965,76	100%
60%	3965,76	100%	3965,76	100%
70%	3965,76	100%	3965,76	100%
80%	3965,76	100%	3965,76	100%
90%	3965,76	100%	3965,76	100%
100%	2520,28	64%	3281,175	83%
Atend. Médio	3965,76	100%	3965,76	100%
Freq. de Falha	2520,28	64%	3281,175	83%
Demanda	3.965,760	x10³m³/semestre	255,00	Is





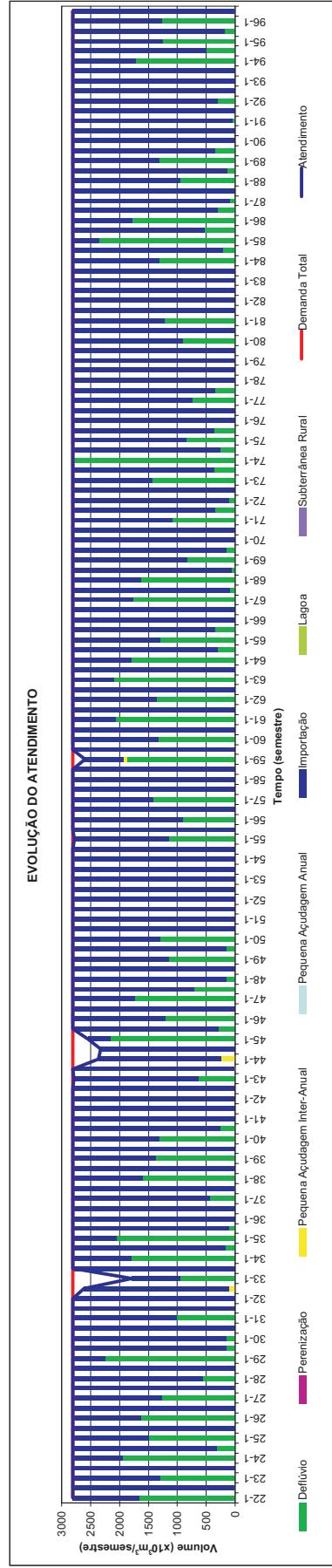
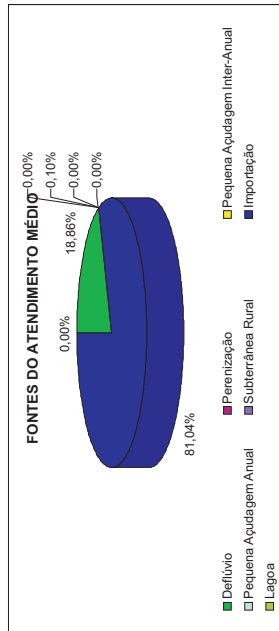
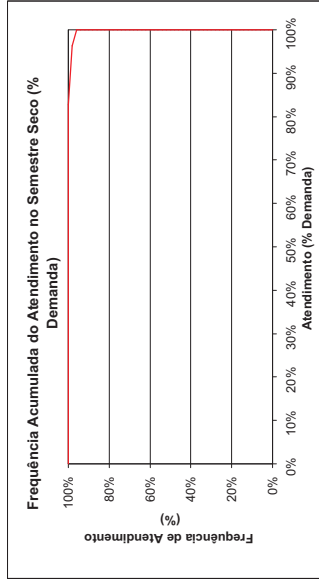
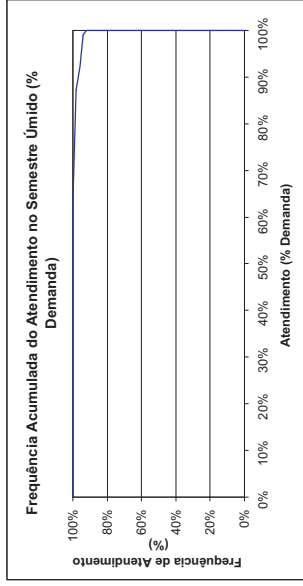
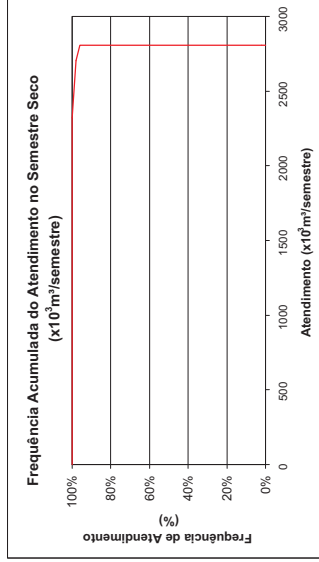
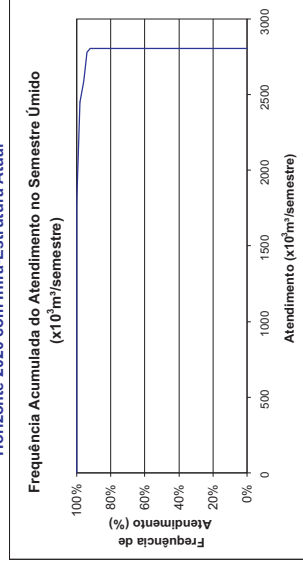
BEBERIBE - Área ao longo do Canal do Trabalhador

Demanda de Irrigação

MPI.BEB.20

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	2807,136	100%	2807,136	100%
10%	2807,136	100%	2807,136	100%
20%	2807,136	100%	2807,136	100%
30%	2807,136	100%	2807,136	100%
40%	2807,136	100%	2807,136	100%
50%	2807,136	100%	2807,136	100%
60%	2807,136	100%	2807,136	100%
70%	2807,136	100%	2807,136	100%
80%	2807,136	100%	2807,136	100%
90%	2807,136	100%	2807,136	100%
100%	1783,533	64%	2322,048	83%
Atend. Médio	2807,136	100%	2807,136	100%
Atend. Mínimo	1783,533	64%	2322,048	83%
Freq. de Falha	8,00%		2,67%	
Demanda	2.807,136	x10³m³/semestre	180,50	Is



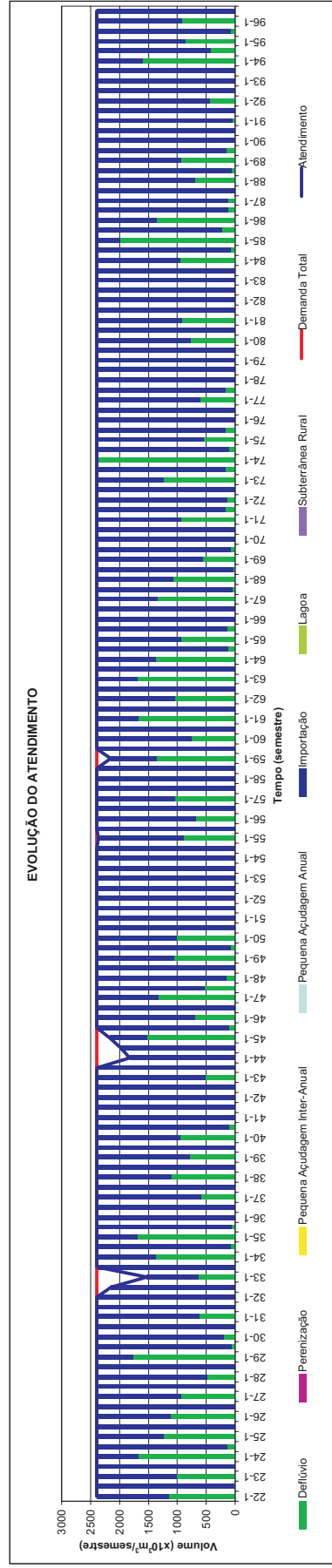
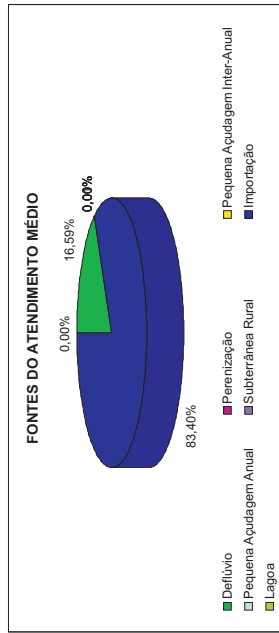
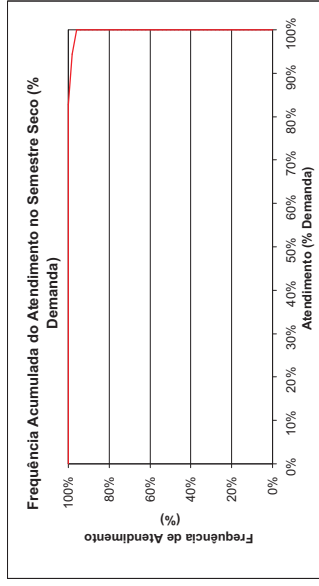
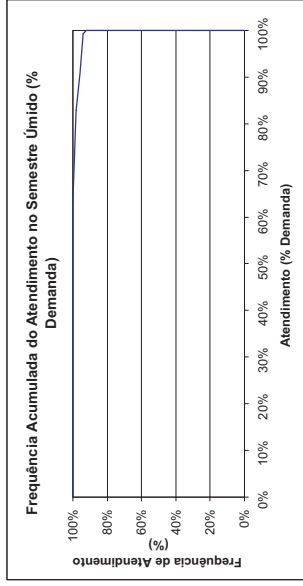
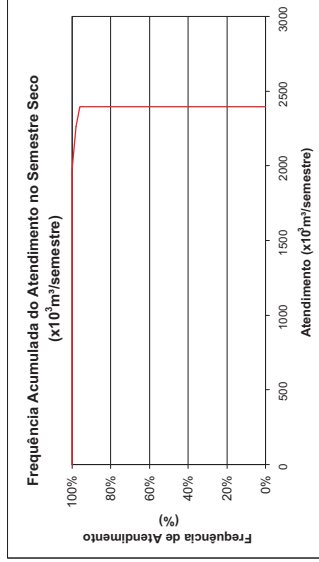
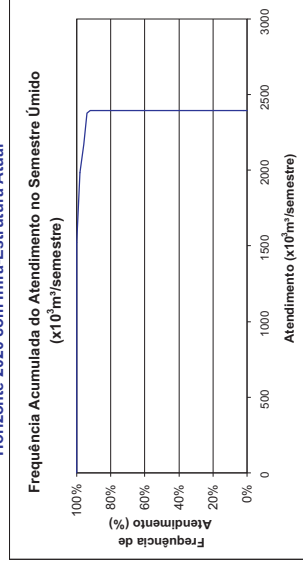


BEBERIBE - Área ao longo do Canal do Trabalhador

Demanda de Irrigação MPI.BEB.19

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	2395,008	100%	2395,008	100%
10%	2395,008	100%	2395,008	100%
20%	2395,008	100%	2395,008	100%
30%	2395,008	100%	2395,008	100%
40%	2395,008	100%	2395,008	100%
50%	2395,008	100%	2395,008	100%
60%	2395,008	100%	2395,008	100%
70%	2395,008	100%	2395,008	100%
80%	2395,008	100%	2395,008	100%
90%	2395,008	100%	2395,008	100%
100%	1521,572	64%	1981,004	83%
Atend. Médio	2395,008	100%	2395,008	100%
Atend. Mínimo	1521,572	64%	1981,004	83%
Freq. de Falha	6,67%		2,67%	
Demanda	2.395,008 x10³m³/semestre		154,00 l/s	

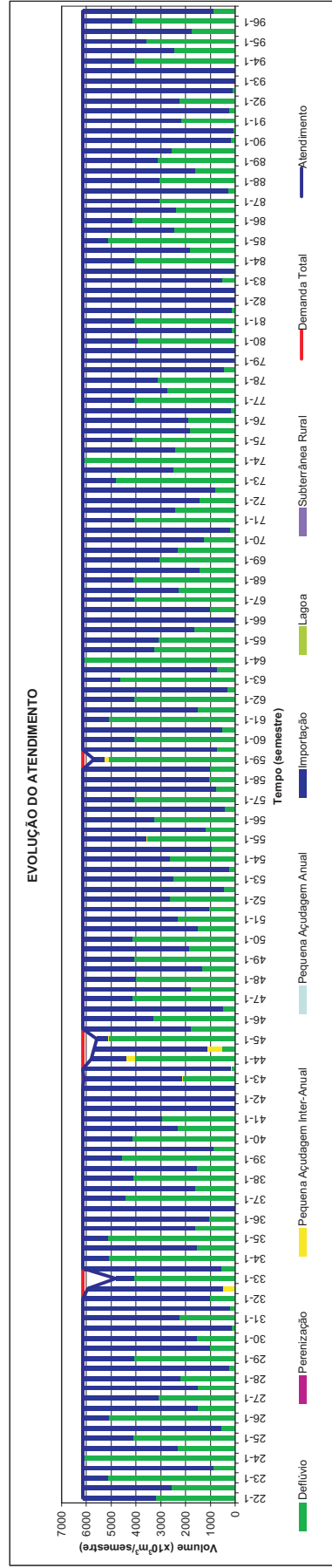
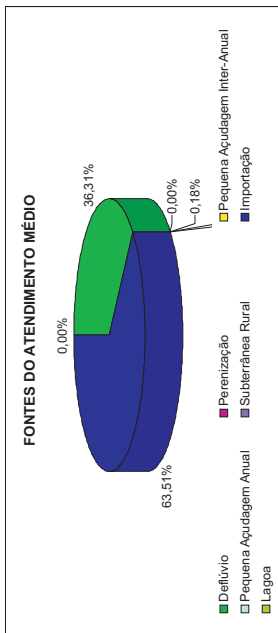
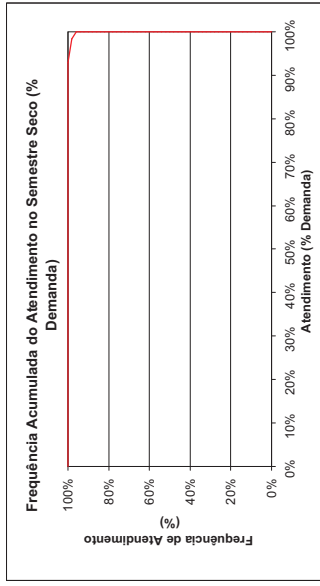
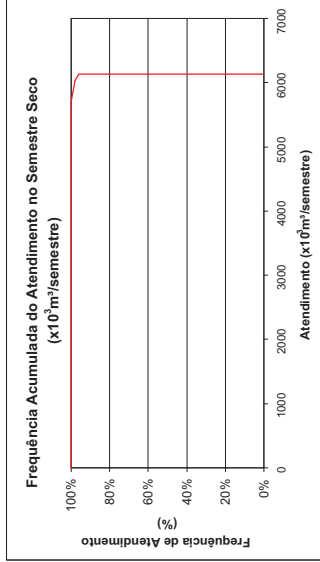
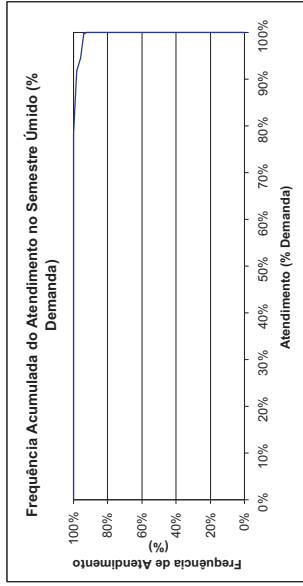
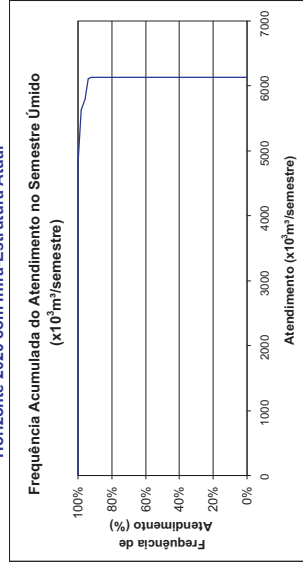




CASCAREL - Área ao Longo do Canal do Trabalhador Demanda de Irrigação MCH.CAV01

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	6135,264	100%	6135,264	100%
10%	6135,264	100%	6135,264	100%
20%	6135,264	100%	6135,264	100%
30%	6135,264	100%	6135,264	100%
40%	6135,264	100%	6135,264	100%
50%	6135,264	100%	6135,264	100%
60%	6135,264	100%	6135,264	100%
70%	6135,264	100%	6135,264	100%
80%	6135,264	100%	6135,264	100%
90%	6135,264	100%	6135,264	100%
100%	4809,888	78%	5704,344	93%
Atend. Médio	6135,264	100%	6135,264	100%
Freq. de Falha	6,67%		2,67%	
Demanda	6.135,264 x10³m³/semestre		394,50 l/s	

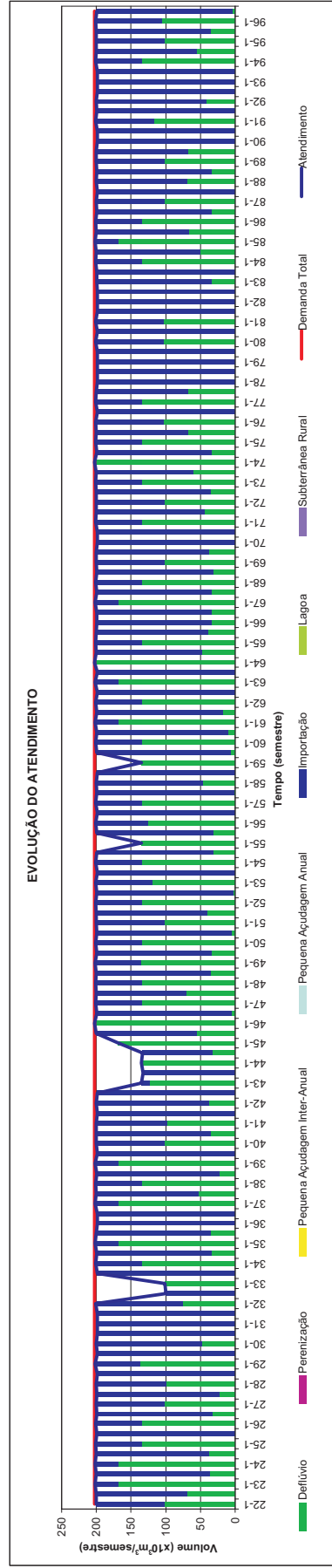
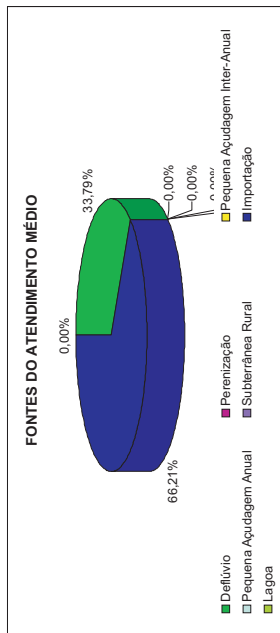
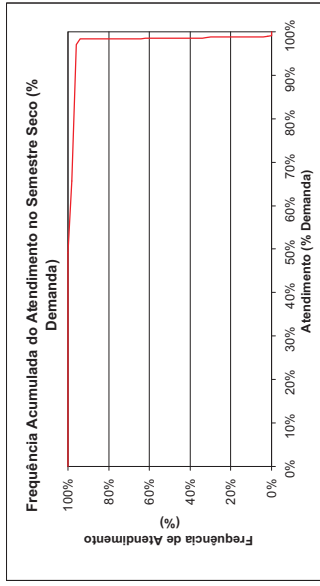
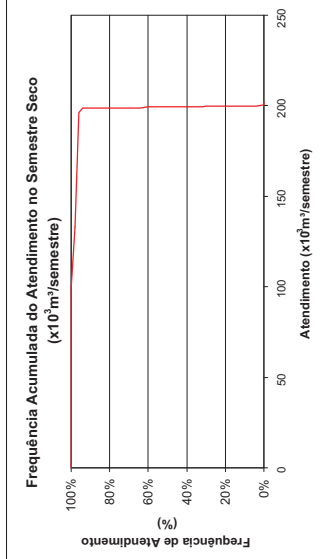
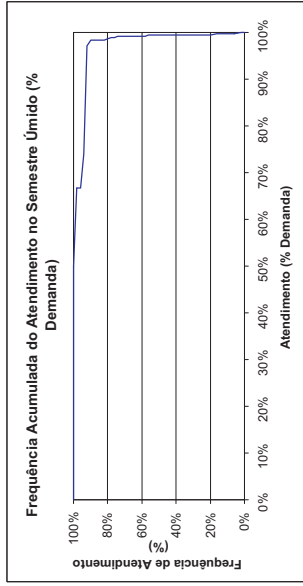
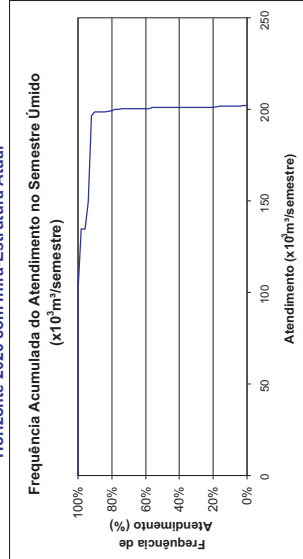




CHOROZINHO - Área ao Longo do Canal do Trabalhador Demanda de Irrigação MPI.CHO.05

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ⁶ m ³ /Semestre	% Demanda	x10 ⁶ m ³ /Semestre	% Demanda
0%	202,176	100%	200,469	99%
10%	201,607	100%	199,9	99%
20%	201,038	99%	199,9	99%
30%	201,42492	99%	199,8188	99%
40%	201,038	99%	199,331	99%
50%	201,038	99%	199,331	99%
60%	200,469	99%	199,331	99%
70%	200,469	99%	198,762	98%
80%	199,331	99%	198,762	98%
90%	198,762	98%	198,762	98%
100%	101,088	50%	99,381	49%
Atend. Médio	201,038	99%	199,331	99%
Atend. Mínimo	101,088	50%	99,381	49%
Demanda	202,176	100,00%	200,469	100,00%
Freq. de Falha				13,00 /is

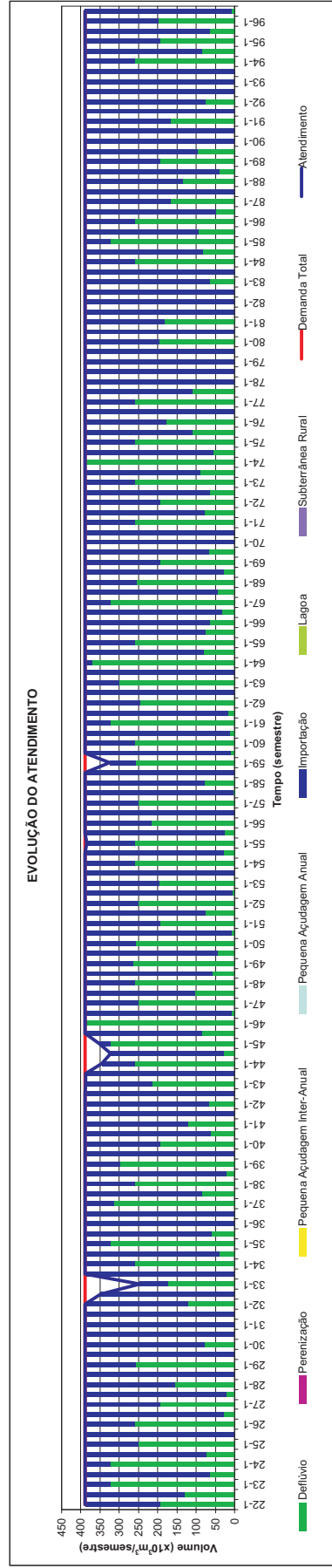
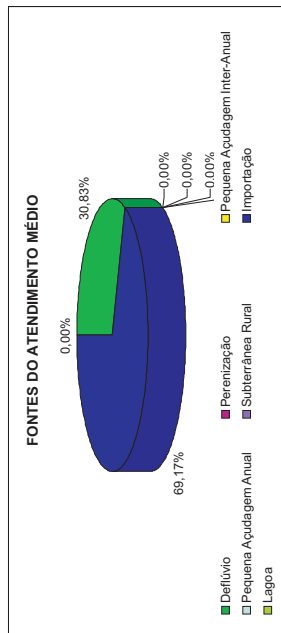
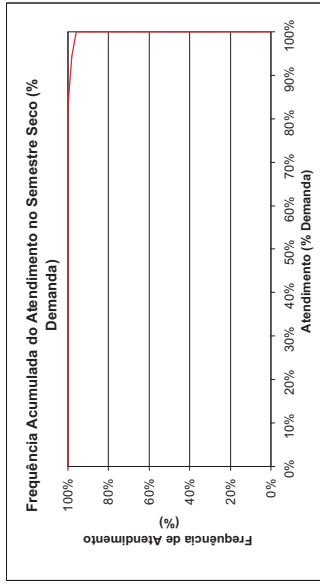
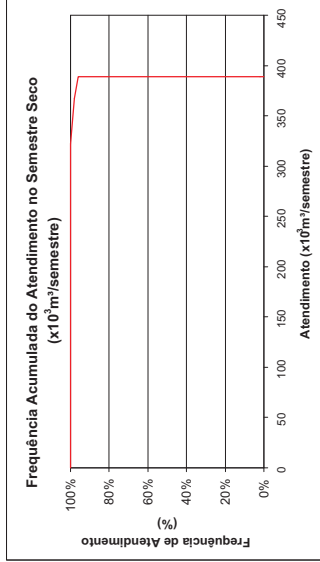
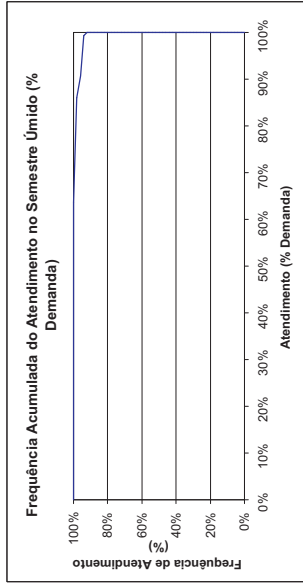
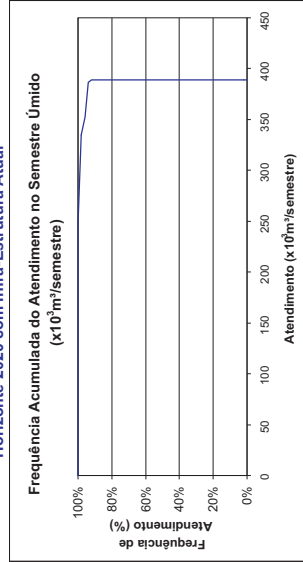




CHOROZINHO - Área ao Longo do Canal do Trabalhador Demanda de Irrigação MPI.CHO.06

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ⁶ m ³ /Semestre	% Demanda	x10 ⁶ m ³ /Semestre	% Demanda
0%	388,8	100%	388,8	100%
10%	388,8	100%	388,8	100%
20%	388,8	100%	388,8	100%
30%	388,8	100%	388,8	100%
40%	388,8	100%	388,8	100%
50%	388,8	100%	388,8	100%
60%	388,8	100%	388,8	100%
70%	388,8	100%	388,8	100%
80%	388,8	100%	388,8	100%
90%	388,8	100%	388,8	100%
100%	247,468	64%	322,137	83%
Atend. Médio	388,8	100%	388,8	100%
Freq. de Falha	247,468	64%	322,137	83%
Demanda	8,00%	388,800 x10⁶m³/semestre	4,00%	25,00 /is

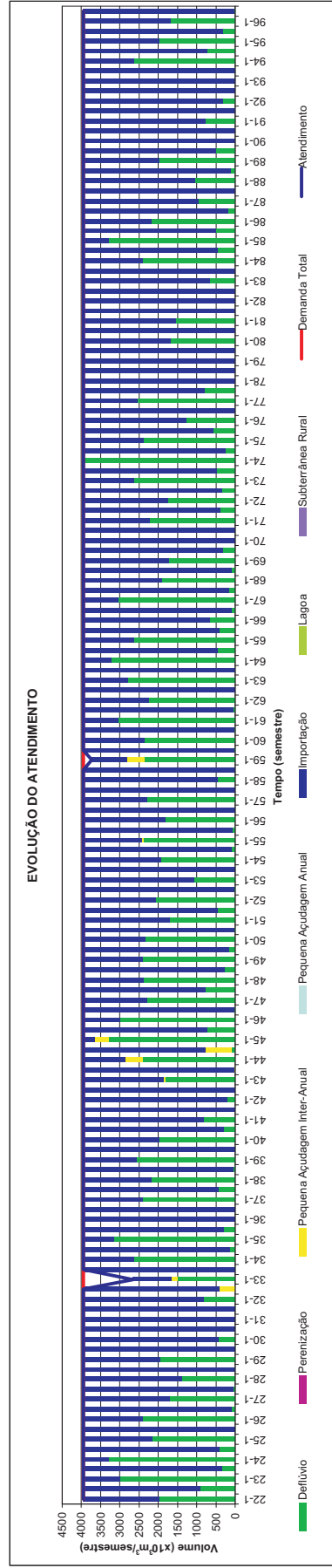
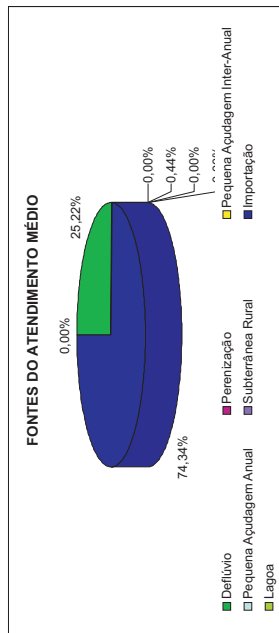
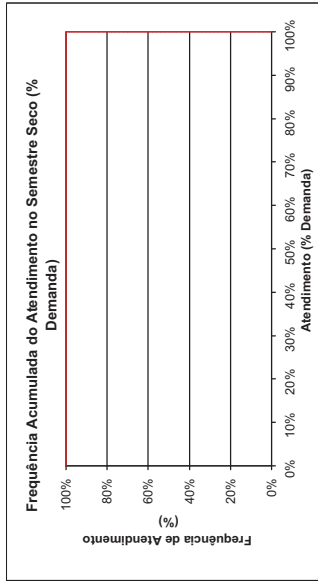
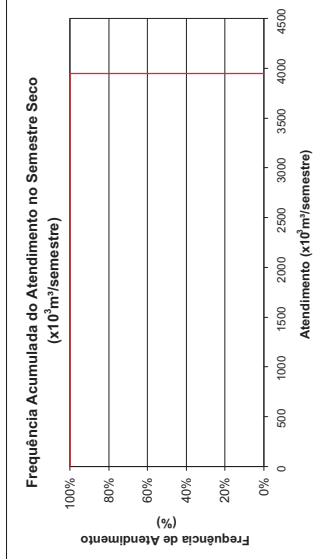
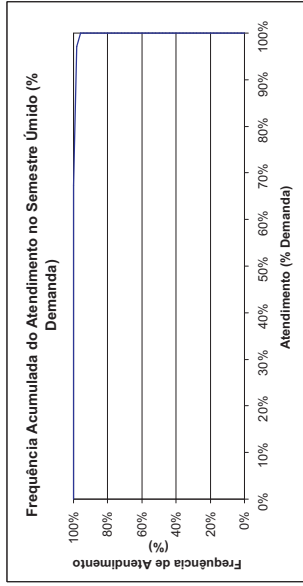
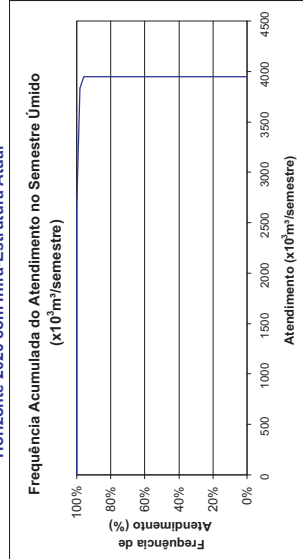




CASCAREL - Área ao Longo do Canal do Trabalhador Demanda de Irrigação MPI.CAV.06

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ⁶ m ³ /Semestre	% Demanda	x10 ⁶ m ³ /Semestre	% Demanda
0%	3950,208	100%	3950,208	100%
10%	3950,208	100%	3950,208	100%
20%	3950,208	100%	3950,208	100%
30%	3950,208	100%	3950,208	100%
40%	3950,208	100%	3950,208	100%
50%	3950,208	100%	3950,208	100%
60%	3950,208	100%	3950,208	100%
70%	3950,208	100%	3950,208	100%
80%	3950,208	100%	3950,208	100%
90%	3950,208	100%	3950,208	100%
100%	2659,779	67%	3950,208	100%
Atend. Médio	3950,208	100%	3950,208	100%
Freq. de Falha	2,67%		0,00%	
Demanda	3.950,208 x10⁶m³/semestre		254,00 l/s	

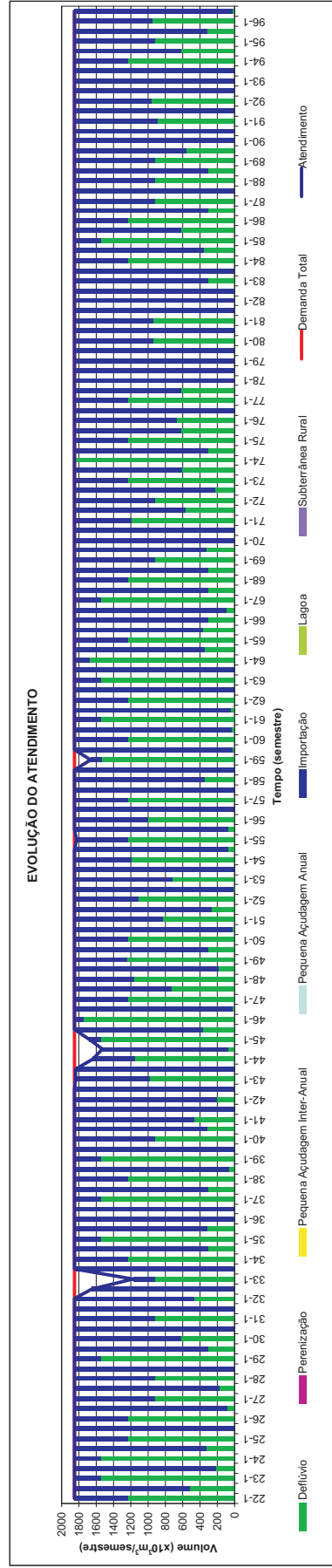
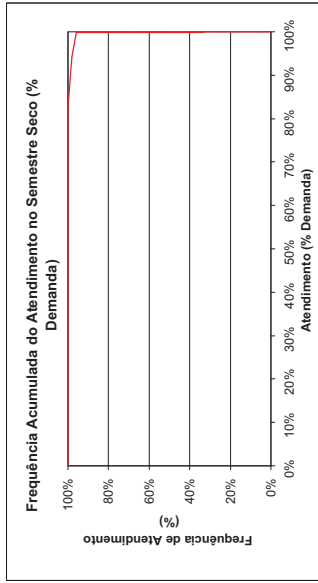
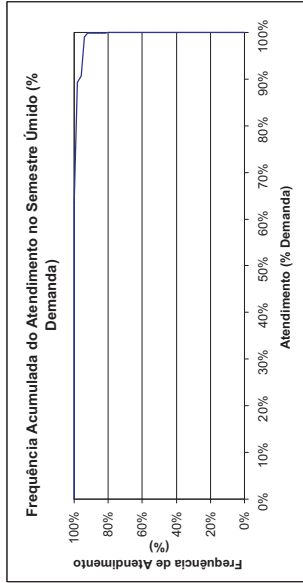
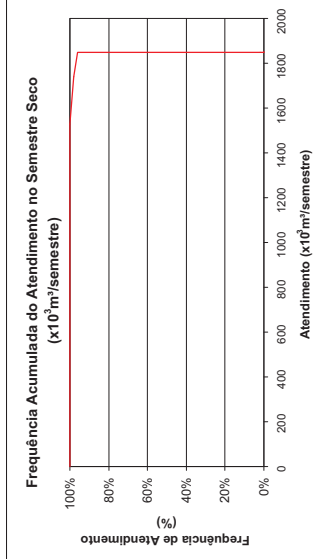
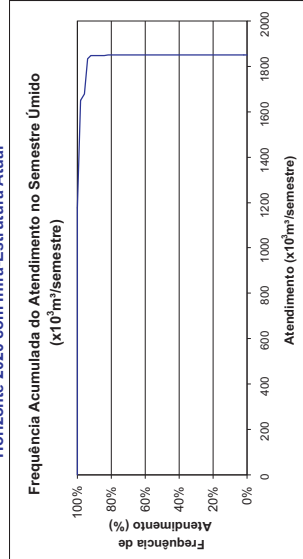
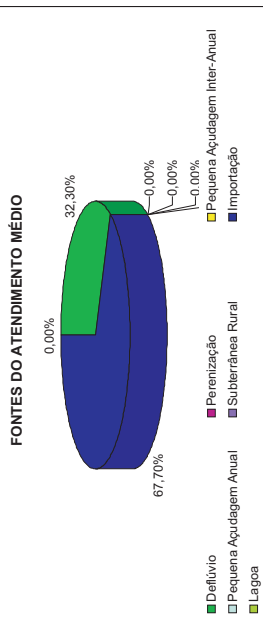




CASCADEL - Área ao longo do Canal do Trabalhador Demanda de Irrigação MPI.CAV.07

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	1850,688	100%	1849,869	100%
10%	1850,415	100%	1849,596	100%
20%	1850,1966	100%	1849,596	100%
30%	1850,415	100%	1849,596	100%
40%	1850,142	100%	1849,323	100%
50%	1850,142	100%	1849,323	100%
60%	1850,0328	100%	1849,323	100%
70%	1849,869	100%	1849,05	100%
80%	1849,596	100%	1849,05	100%
90%	1849,05	100%	1849,05	100%
100%	1175,47	64%	1529,613	83%
Atend. Médio	1850,142	100%	1849,323	100%
Atend. Mínimo	1175,47	64%	1529,613	83%
Freq. de Falha	94,67%		100,00%	
Demanda	1.850.688	x10³m³/semestre	119,00	l/s

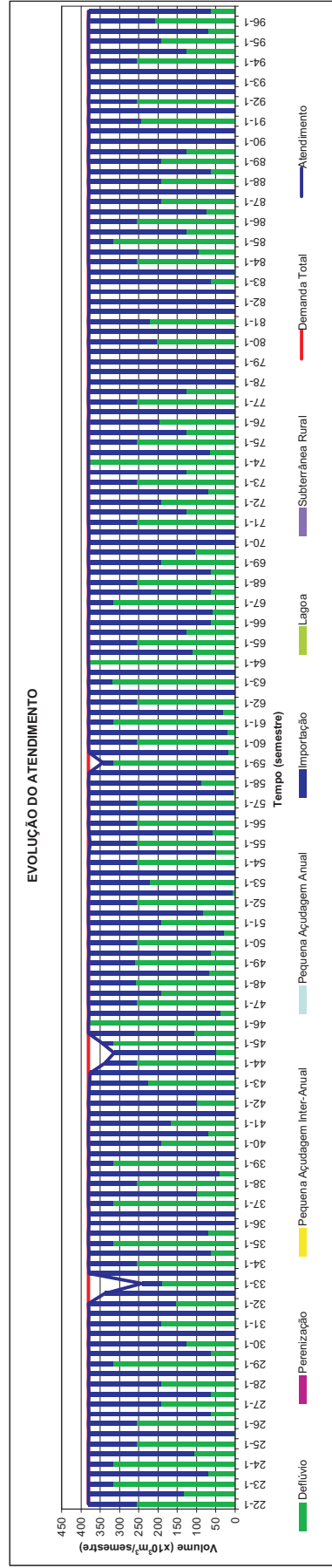
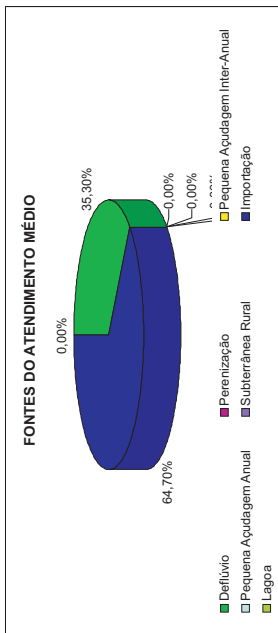
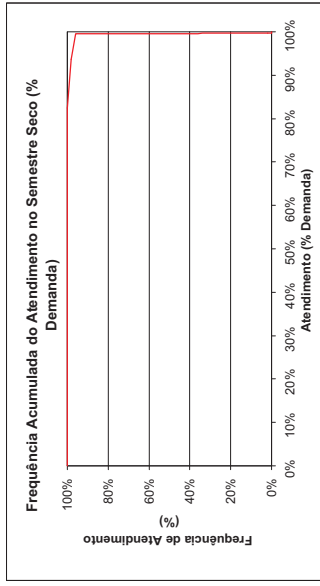
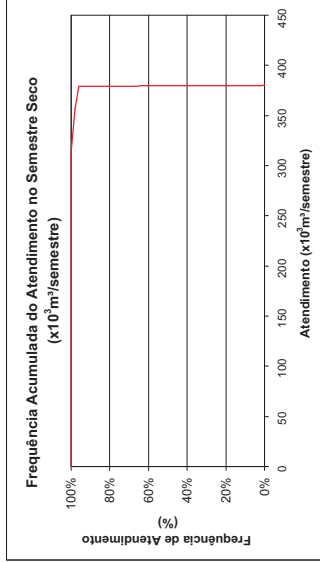
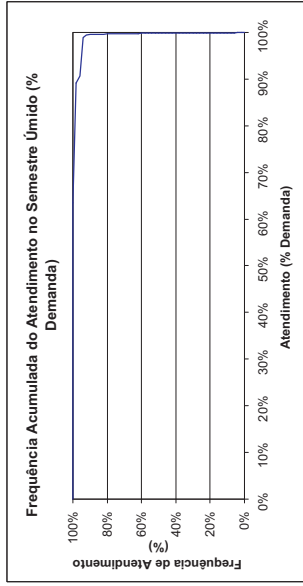
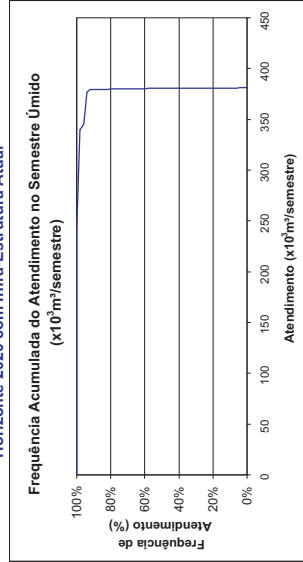




CASCAREL - Área ao longo do Canal do Trabalhador Demanda de Irrigação MPI.CAV.08

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	381,024	100%	380,124	100%
10%	380,724	100%	379,824	100%
20%	380,724	100%	379,824	100%
30%	380,724	100%	379,824	100%
40%	380,424	100%	379,524	100%
50%	380,424	100%	379,524	100%
60%	380,304	100%	379,524	100%
70%	380,124	100%	379,224	100%
80%	379,824	100%	379,224	100%
90%	379,224	100%	379,224	100%
100%	241,811	63%	313,954	82%
Atend. Médio	380,424	100%	379,524	100%
Atend. Mínimo	241,811	63%	313,954	82%
Freq. de Falha	94,67%		100,00%	
Demanda	381,024 x10³m³/semestre		24,50 l/s	



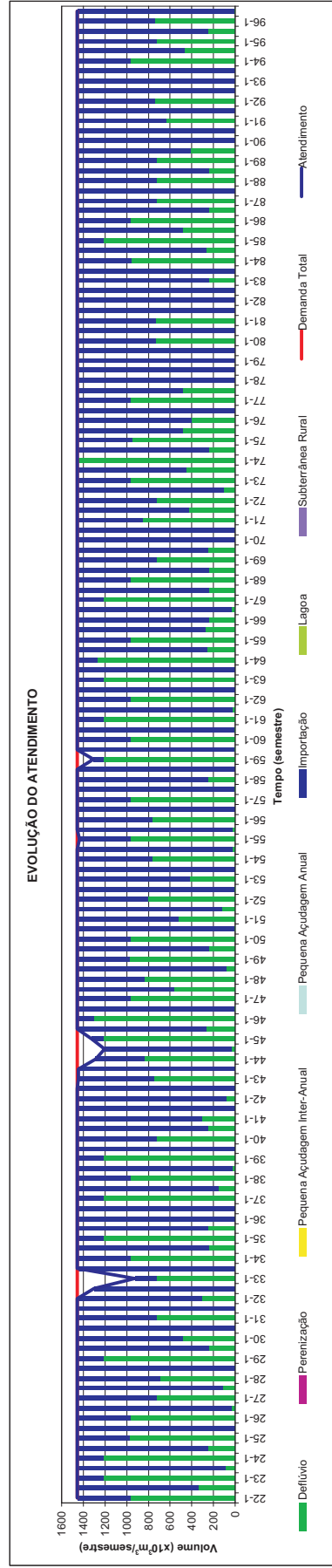
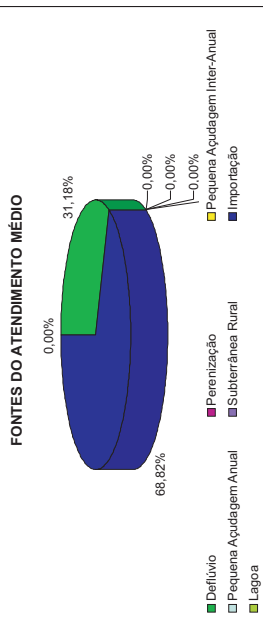
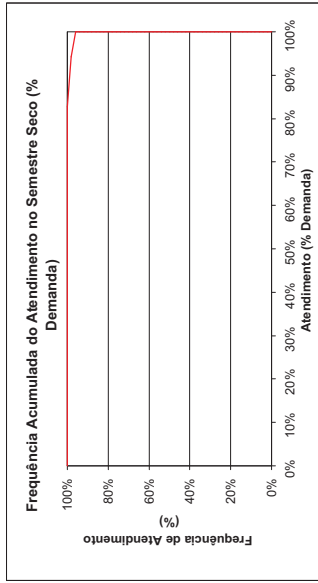
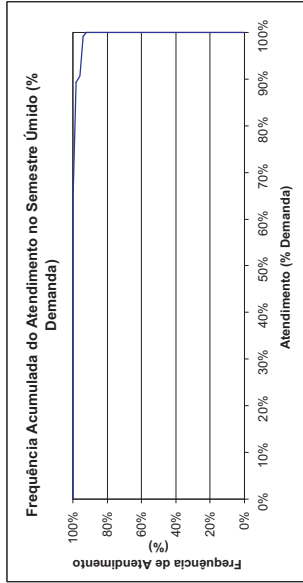
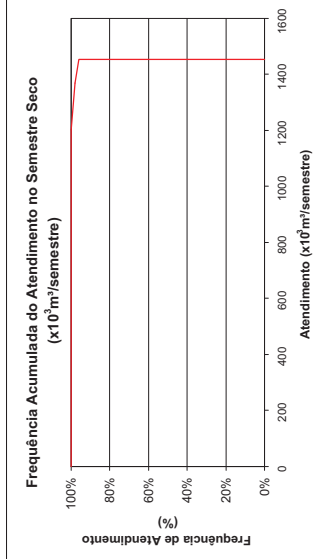
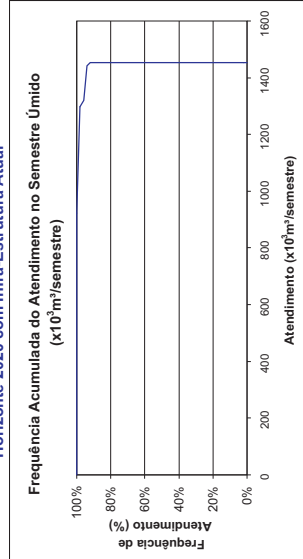


BEBERIBE - Área ao longo do Canal do Trabalhador

Demanda de Irrigação MPI.BEB.08

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	1454,112	100%	1454,112	100%
10%	1454,112	100%	1454,112	100%
20%	1454,112	100%	1454,112	100%
30%	1454,112	100%	1454,112	100%
40%	1454,112	100%	1454,112	100%
50%	1454,112	100%	1454,112	100%
60%	1454,112	100%	1454,112	100%
70%	1454,112	100%	1454,112	100%
80%	1454,112	100%	1454,112	100%
90%	924,115	64%	1454,112	100%
100%	1454,112	100%	1454,112	100%
Atend. Médio	1454,112	100%	1454,112	100%
Atend. Mínimo	924,115	64%	1203,112	83%
Freq. de Falha	8,00%		4,00%	
Demanda	1.454,112	x10³m³/semestre	93,50	Is

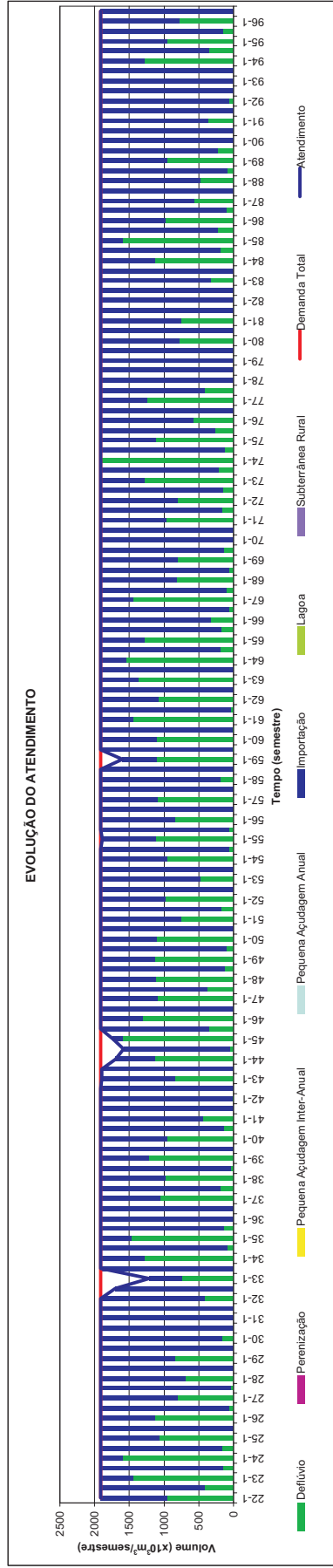
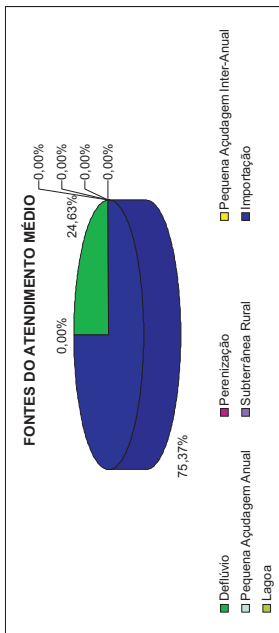
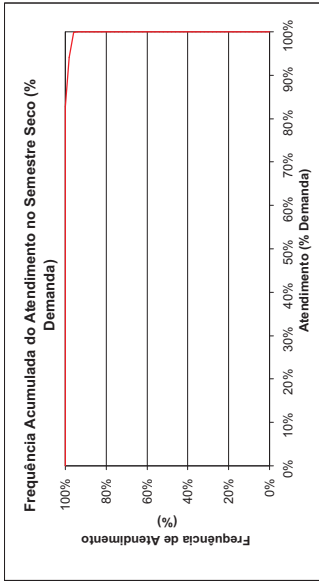
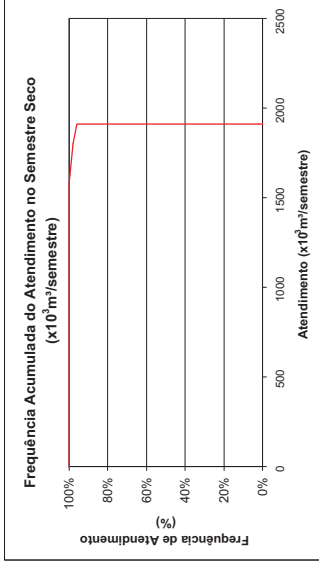
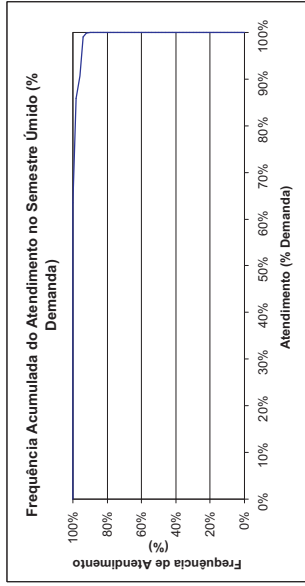
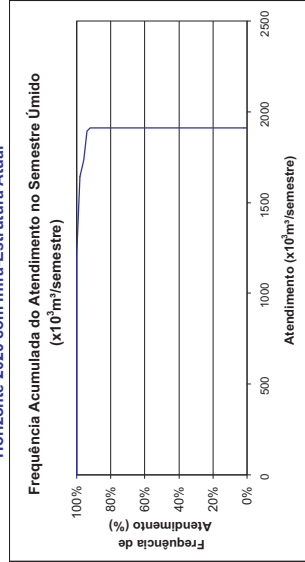




BEBERIBE - Área ao longo do Canal do Trabalhador Demanda de Irrigação MPI.BEB.10

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	1912,886	100%	1912,359	100%
10%	1912,717	100%	1912,18	100%
20%	1912,538	100%	1912,0368	100%
30%	1912,538	100%	1912,001	100%
40%	1912,538	100%	1912,001	100%
50%	1912,538	100%	1912,001	100%
60%	1912,359	100%	1911,822	100%
70%	1912,359	100%	1911,822	100%
80%	1912,001	100%	1911,822	100%
90%	1911,822	100%	1911,822	100%
100%	1215,065	64%	1581,437	83%
Atend. Médio	1912,538	100%	1912,001	100%
Atend. Mínimo	1215,065	64%	1581,437	83%
Freq. de Falha	96,00%		100,00%	
Demanda	1.912.886 x10³m³/semestre		123,00 l/s	

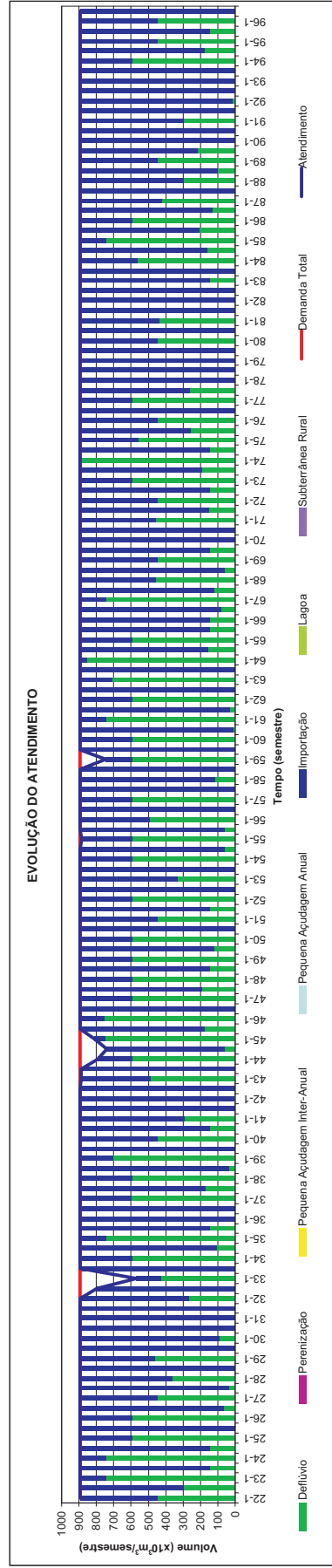
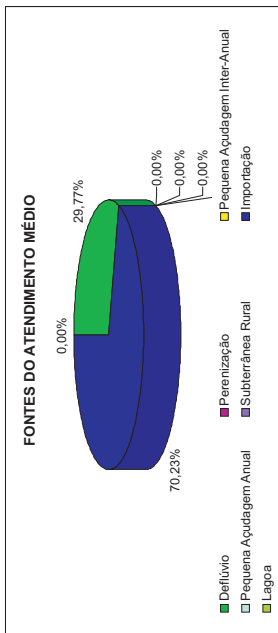
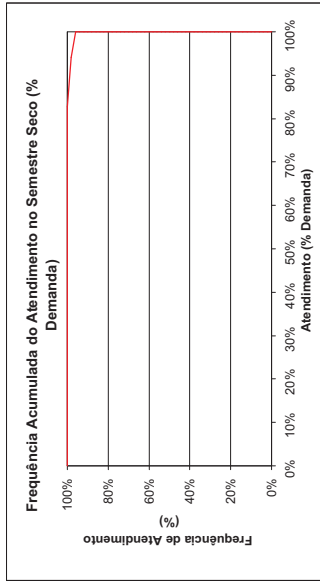
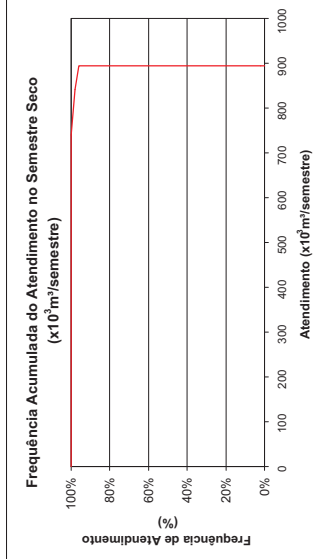
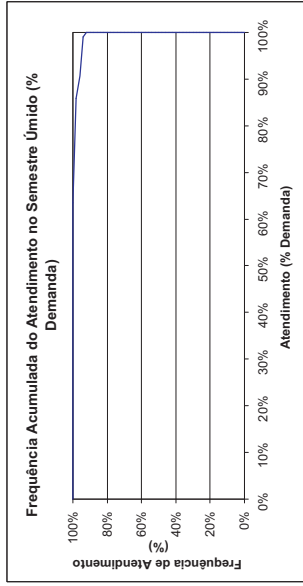
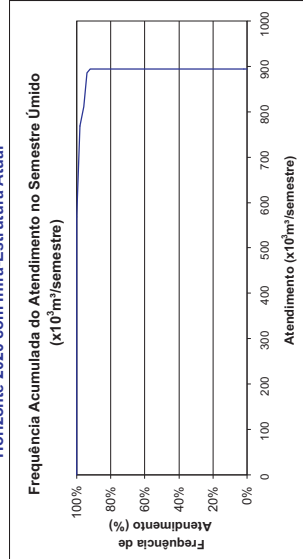




BEBERIBE - Área ao longo do Canal do Trabalhador Demanda de Irrigação MPI.BEB.15

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	894,24	100%	894,24	100%
10%	894,24	100%	894,24	100%
20%	894,24	100%	894,24	100%
30%	894,24	100%	894,24	100%
40%	894,24	100%	894,24	100%
50%	894,24	100%	894,24	100%
60%	894,24	100%	894,24	100%
70%	894,24	100%	894,24	100%
80%	894,24	100%	894,24	100%
90%	894,24	100%	894,24	100%
100%	568,115	64%	739,655	83%
Atend. Mínimo	894,24	100%	894,24	100%
Freq. de Falha	568,115	64%	739,655	83%
Demanda	894,240	8,00%	894,240	4,00%
				57,50 /ls

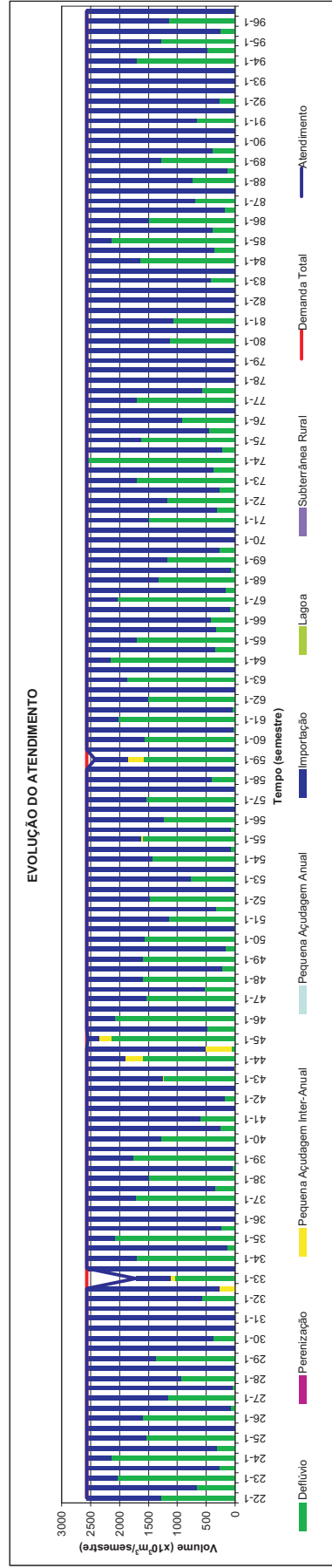
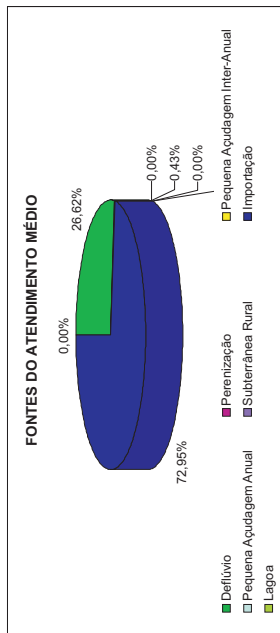
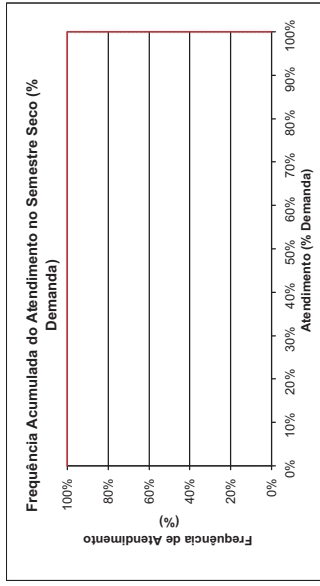
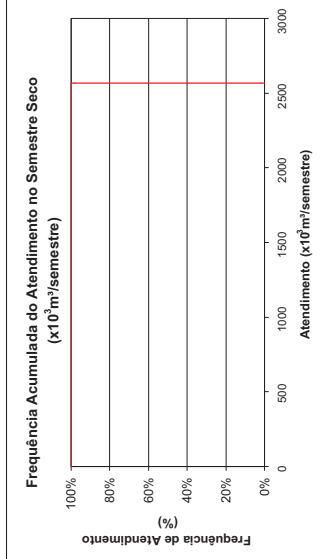
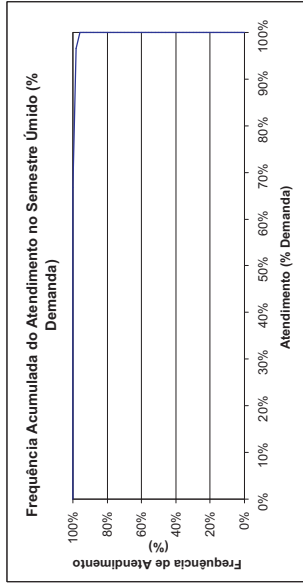
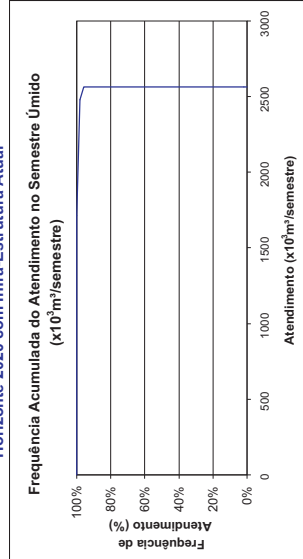




BEBERIBE - Área ao longo do Canal do Trabalhador
Demanda de Irrigação
MPI.BEB.27

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	2566,08	100%	2566,08	100%
10%	2566,08	100%	2566,08	100%
20%	2566,08	100%	2566,08	100%
30%	2566,08	100%	2566,08	100%
40%	2566,08	100%	2566,08	100%
50%	2566,08	100%	2566,08	100%
60%	2566,08	100%	2566,08	100%
70%	2566,08	100%	2566,08	100%
80%	2566,08	100%	2566,08	100%
90%	2566,08	100%	2566,08	100%
100%	1712,724	67%	2566,08	100%
Atend. Médio	2566,08	100%	2566,08	100%
Atend. Mínimo	1712,724	67%	2566,08	100%
Freq. de Falha	4,00%		0,00%	
Demanda	2.566.080	x10³m³/semestre	165,00	Is

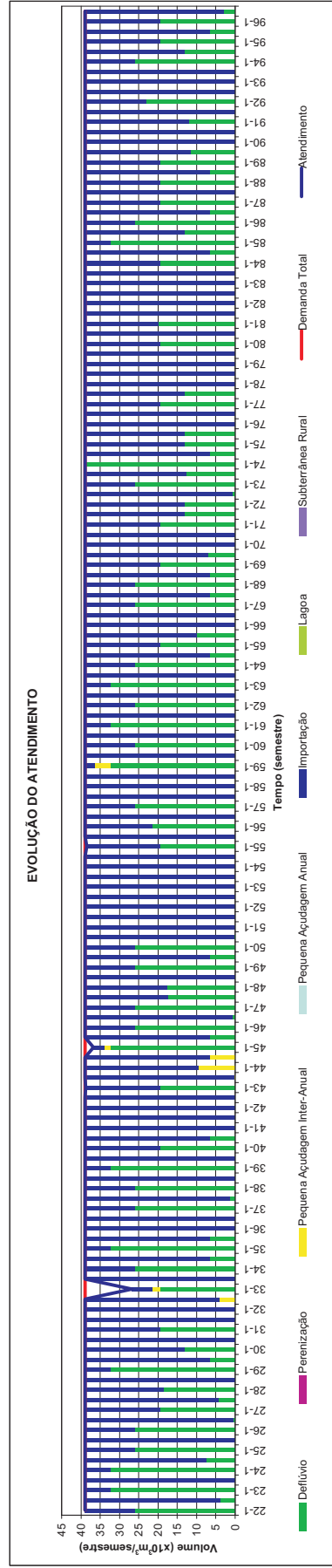
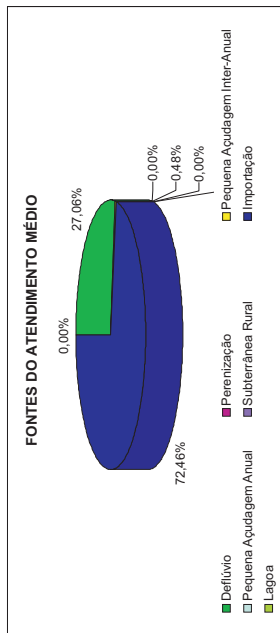
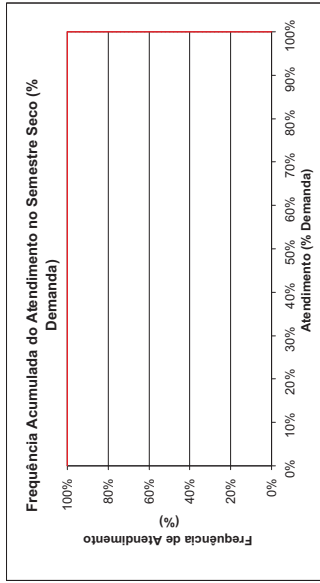
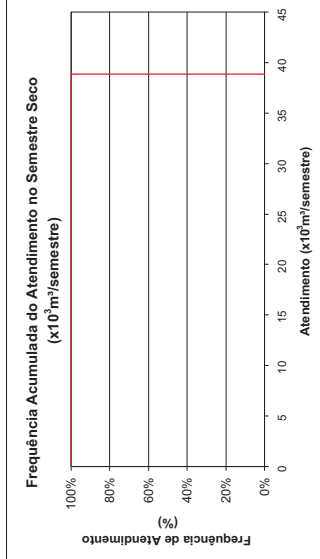
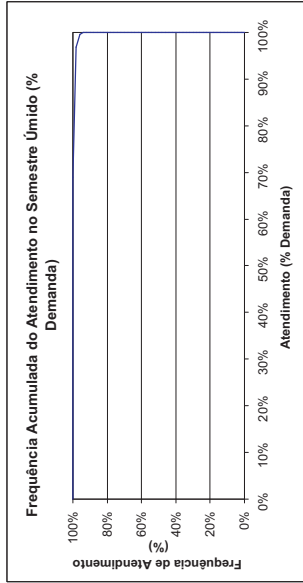
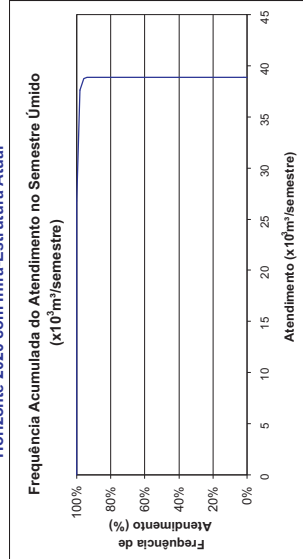


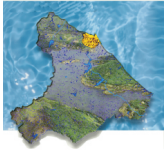


BEBERIBE - Área ao longo do Canal do Trabalhador Demanda de Irrigação MPI.BEB.17

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	38,88	100%	38,88	100%
10%	38,88	100%	38,88	100%
20%	38,88	100%	38,88	100%
30%	38,88	100%	38,88	100%
40%	38,88	100%	38,88	100%
50%	38,88	100%	38,88	100%
60%	38,88	100%	38,88	100%
70%	38,88	100%	38,88	100%
80%	38,88	100%	38,88	100%
90%	38,88	100%	38,88	100%
100%	26,808	69%	38,88	100%
Atend. Médio	38,88	100%	38,88	100%
Atend. Mínimo	26,808	69%	38,88	100%
Freq. de Falha	5,33%			0,00%
Demanda	38,880 x10³m³/semestre		2,50 l/s	

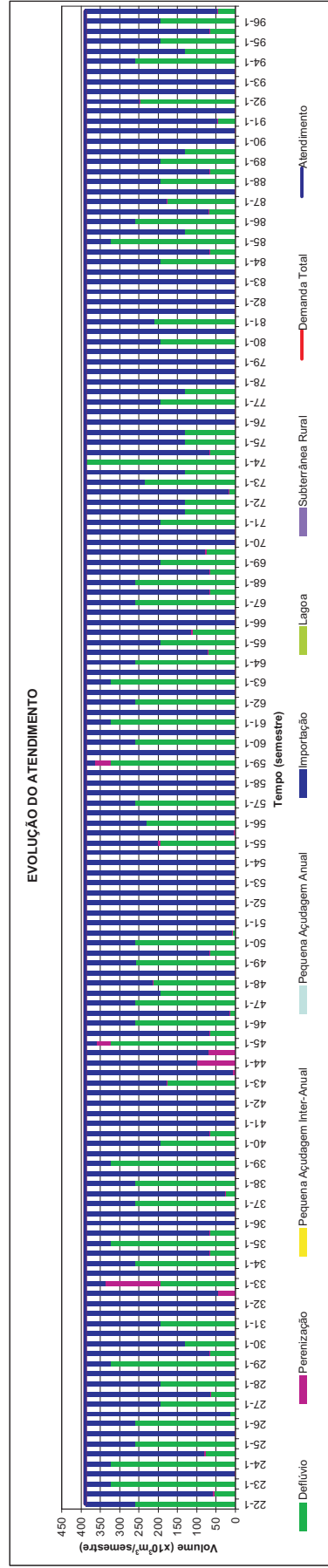
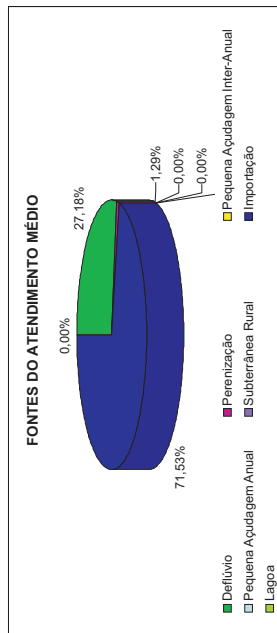
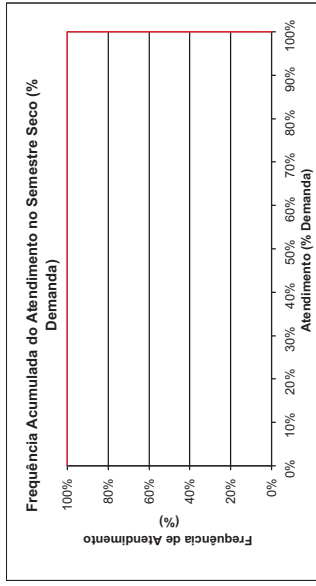
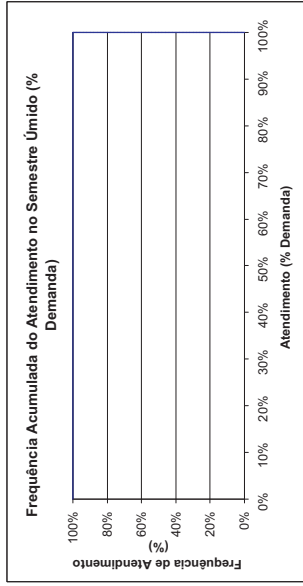
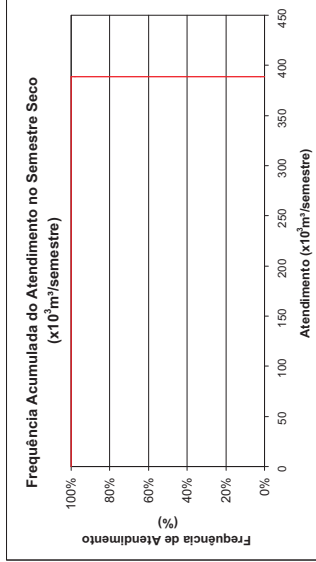
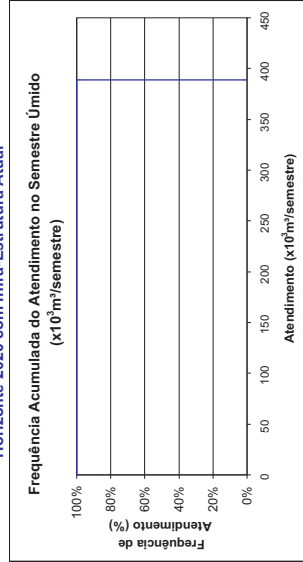




PALHANO - Área ao longo do Canal do Trabalhador Demanda de Irrigação MPI.PAL.02

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	388,8	100%	388,8	100%
10%	388,8	100%	388,8	100%
20%	388,8	100%	388,8	100%
30%	388,8	100%	388,8	100%
40%	388,8	100%	388,8	100%
50%	388,8	100%	388,8	100%
60%	388,8	100%	388,8	100%
70%	388,8	100%	388,8	100%
80%	388,8	100%	388,8	100%
90%	388,8	100%	388,8	100%
100%	388,8	100%	388,8	100%
Atend. Médio	388,8	100%	388,8	100%
Atend. Mínimo	388,8	100%	388,8	100%
Freq. de Falha	0,00%		0,00%	
Demanda	388,800 x10³m³/semestre		25,00 l/s	

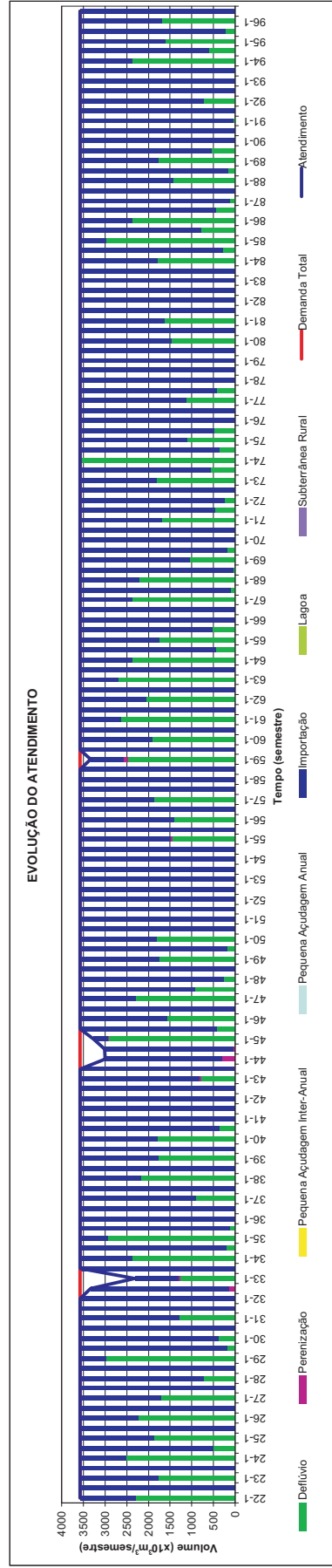
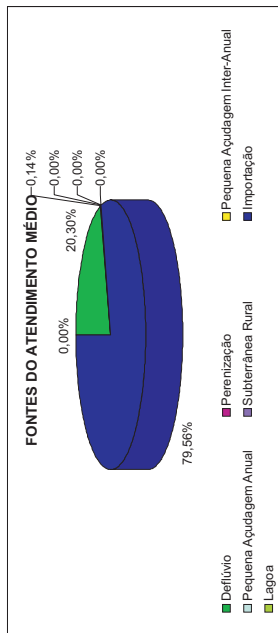
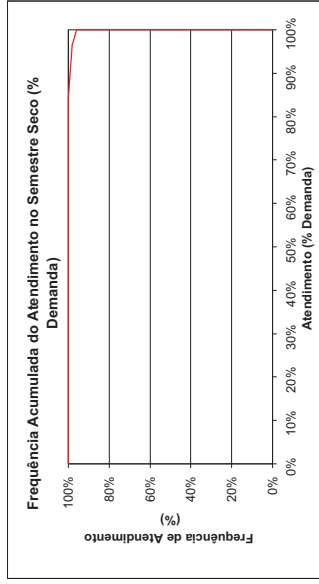
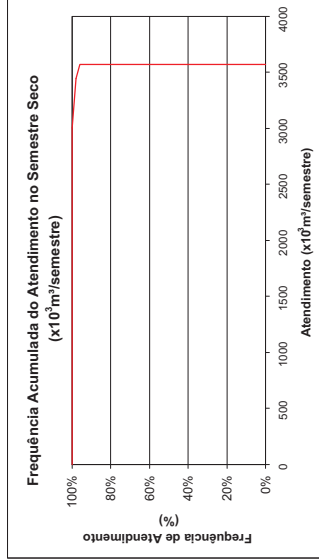
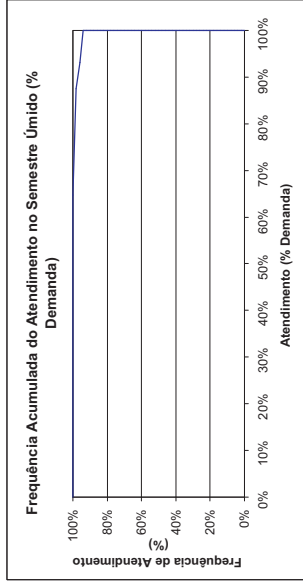
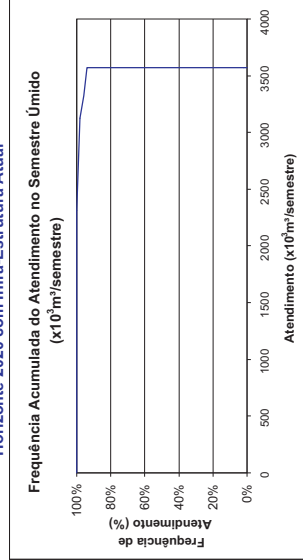




PALHANO - Área ao longo do Canal do Trabalhador Demanda de Irrigação MPI.PAL.03

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ⁶ m ³ /Semestre	% Demanda	x10 ⁶ m ³ /Semestre	% Demanda
0%	3.569,184	100%	3.569,184	100%
10%	3.569,184	100%	3.569,184	100%
20%	3.569,184	100%	3.569,184	100%
30%	3.569,184	100%	3.569,184	100%
40%	3.569,184	100%	3.569,184	100%
50%	3.569,184	100%	3.569,184	100%
60%	3.569,184	100%	3.569,184	100%
70%	3.569,184	100%	3.569,184	100%
80%	3.569,184	100%	3.569,184	100%
90%	3.569,184	100%	3.569,184	100%
100%	2.310,652	65%	3.006,913	84%
Atend. Médio	3.569,184	100%	3.569,184	100%
Freq. de Falha	2.310,652	65%	3.006,913	84%
Demanda	3.569,184	5,33%	2.29,50	2,67%
	x10⁶m³/semestre		Is	

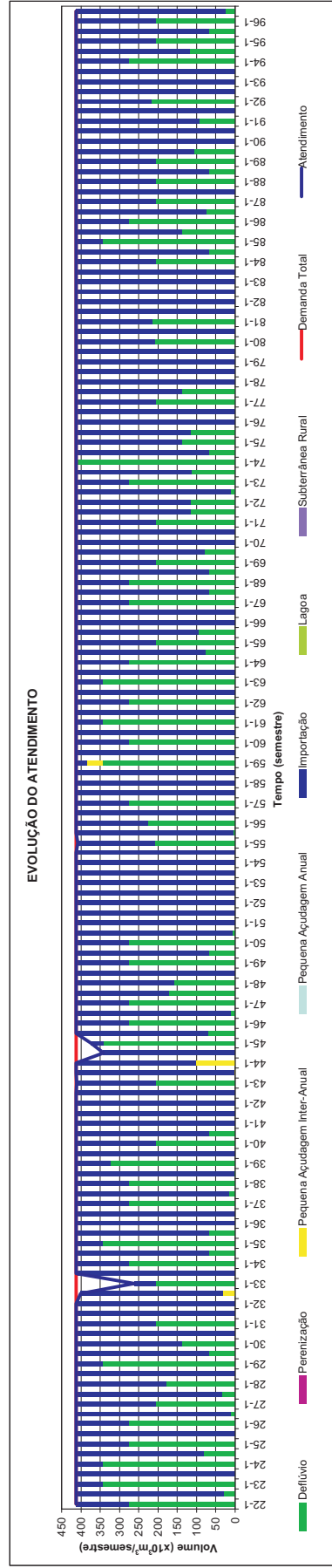
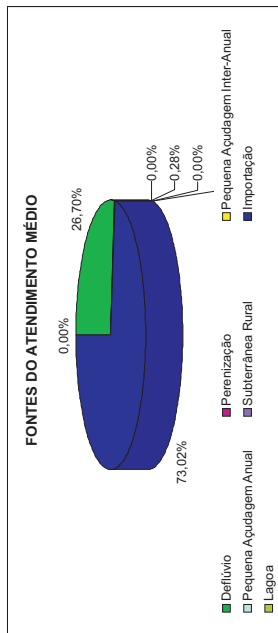
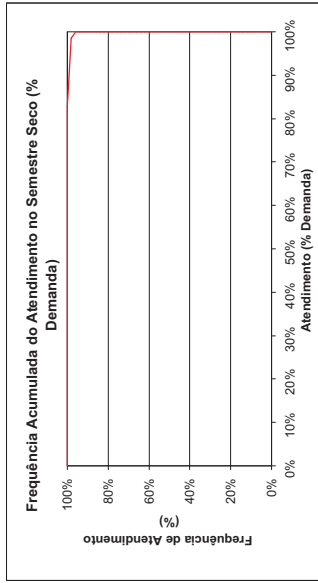
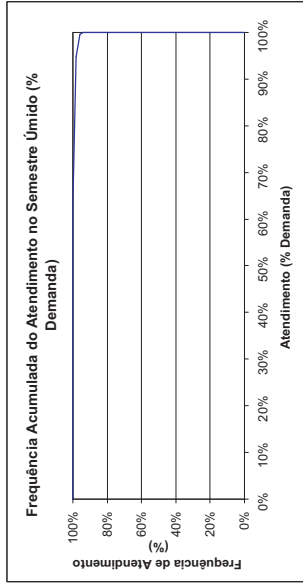
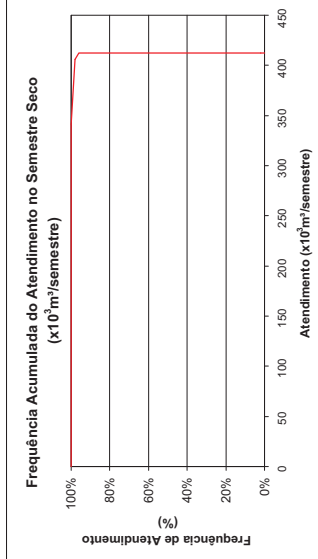
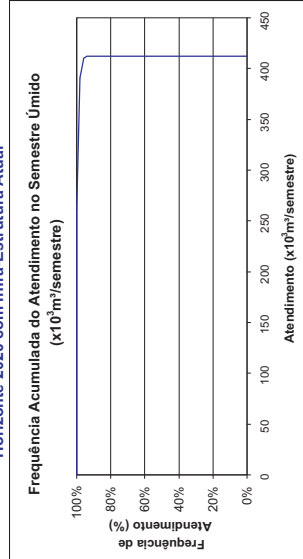




PALHANO - Área ao longo do Canal do Trabalhador Demanda de Irrigação MPI.PAL.01

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ⁶ m ³ /Semestre	% Demanda	x10 ⁶ m ³ /Semestre	% Demanda
0%	412,128	100%	412,128	100%
10%	412,128	100%	412,128	100%
20%	412,128	100%	412,128	100%
30%	412,128	100%	412,128	100%
40%	412,128	100%	412,128	100%
50%	412,128	100%	412,128	100%
60%	412,128	100%	412,128	100%
70%	412,128	100%	412,128	100%
80%	412,128	100%	412,128	100%
90%	412,128	100%	412,128	100%
100%	262,228	64%	341,36	83%
Atend. Médio	412,128	100%	412,128	100%
Freq. de Falha	5,33%		341,36	2,67%
Demanda	412,128 x10⁶m³/semestre		26,50 l/s	

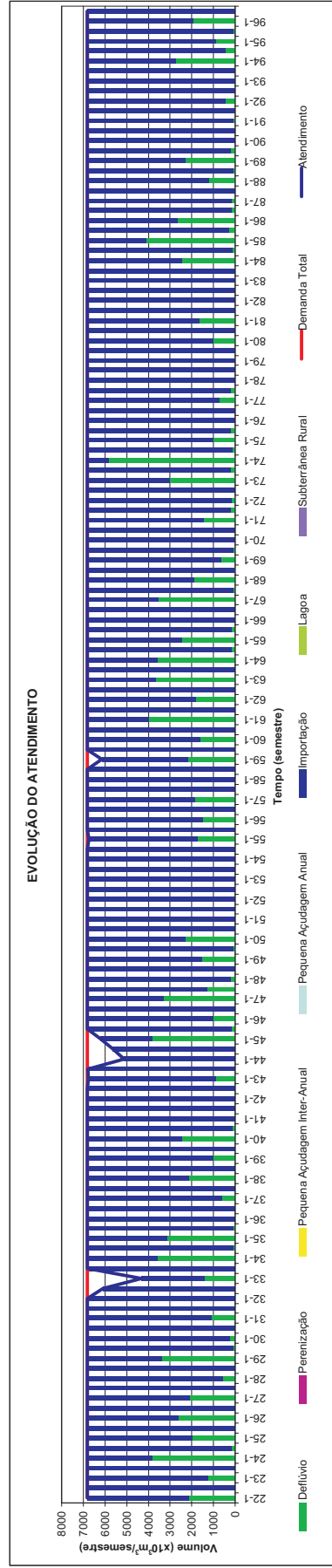
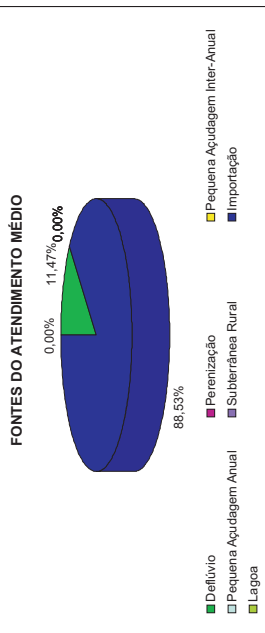
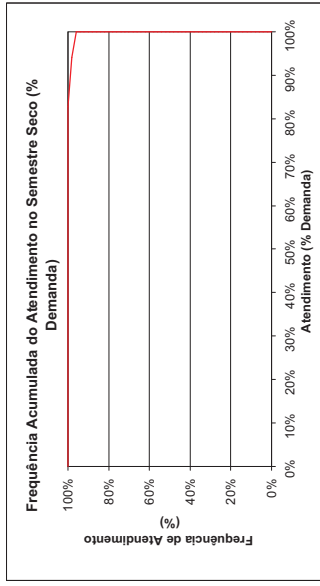
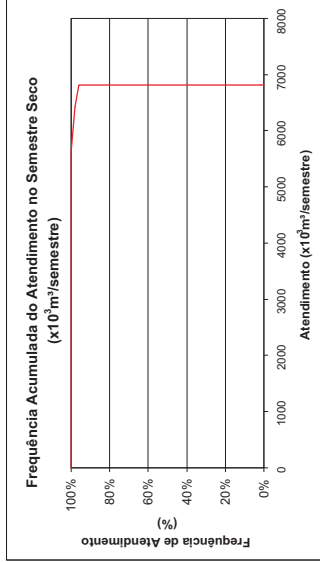
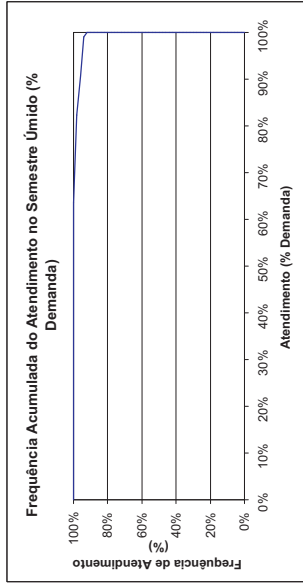
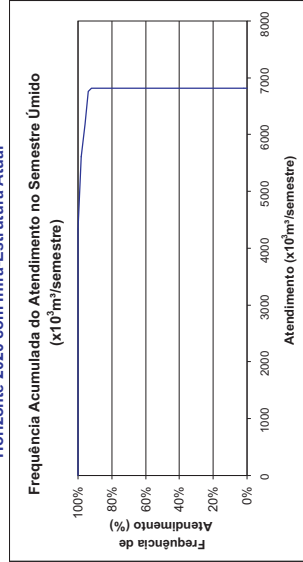


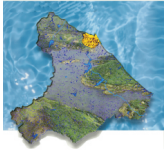


ARACATI - Área ao longo do Canal do Trabalhador Demanda de Irrigação MPI.ARA.01

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	6819,552	100%	6819,552	100%
10%	6819,552	100%	6819,552	100%
20%	6819,552	100%	6819,552	100%
30%	6819,552	100%	6819,552	100%
40%	6819,552	100%	6819,552	100%
50%	6819,552	100%	6819,552	100%
60%	6819,552	100%	6819,552	100%
70%	6819,552	100%	6819,552	100%
80%	6819,552	100%	6819,552	100%
90%	6819,552	100%	6819,552	100%
100%	4332,713	64%	5640,936	83%
Atend. Mínimo	6819,552	100%	6819,552	100%
Atend. Médio	4332,713	64%	5640,936	83%
Atend. Máximo	6819,552	100%	6819,552	100%
Freq. de Falha	8,00%		4,00%	
Demanda	6.819.552	x10³m³/semestre	439.50	Is





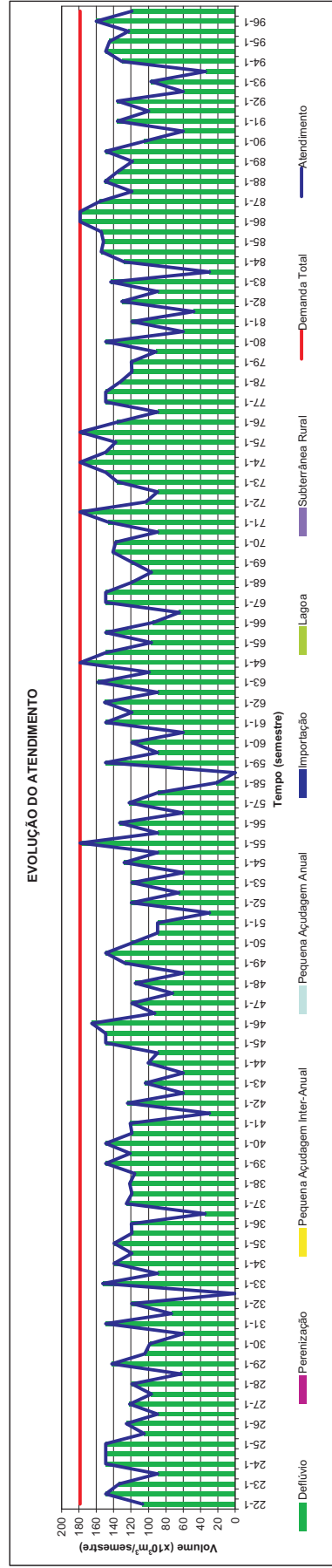
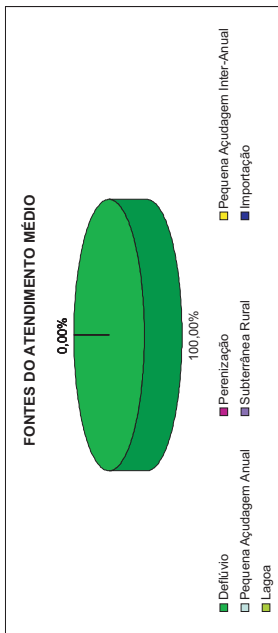
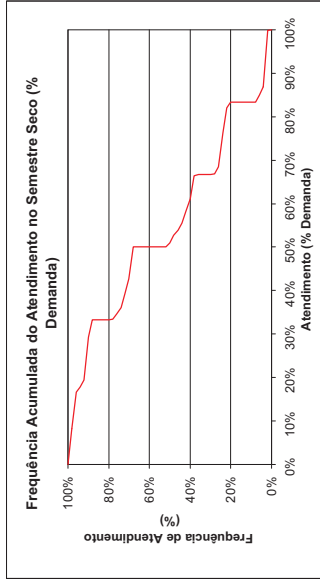
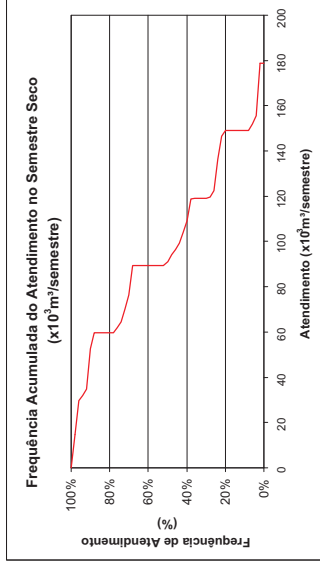
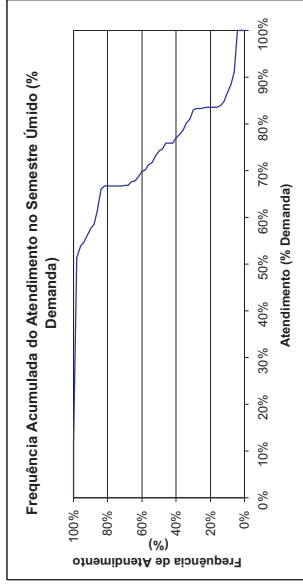
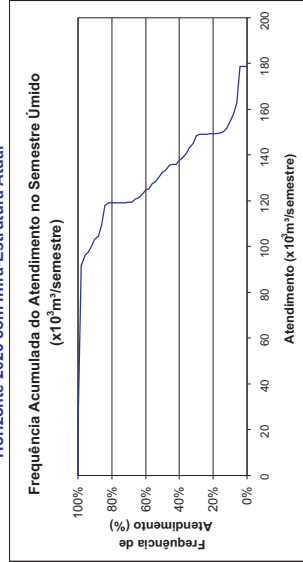
GUAÍUBA - Área Potencialmente Irrigável

Demanda de Irrigação

MPA.GUB.05

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ⁶ m ³ /Semestre	% Demanda	x10 ⁶ m ³ /Semestre	% Demanda
0%	178.848	100%	178.848	100%
10%	154.8542	87%	149.04	85%
20%	149.495	84%	149.04	85%
30%	149.495	83%	119.232	67%
40%	137.6058	77%	109.313	61%
50%	132.675	74%	91.039	51%
60%	124.8378	70%	89.424	50%
70%	119.444	67%	76.332	43%
80%	119.232	67%	59.616	33%
90%	103.151	58%	52.5036	29%
100%	21.158	12%	0	0%
Atend. Médio	132,675	74%	91,039	51%
Atend. Mínimo	21,158	12%	0	0%
Demanda	178,848 x10⁶m³/semestre		97,33%	
Freq. de Falha	11,50 /is			

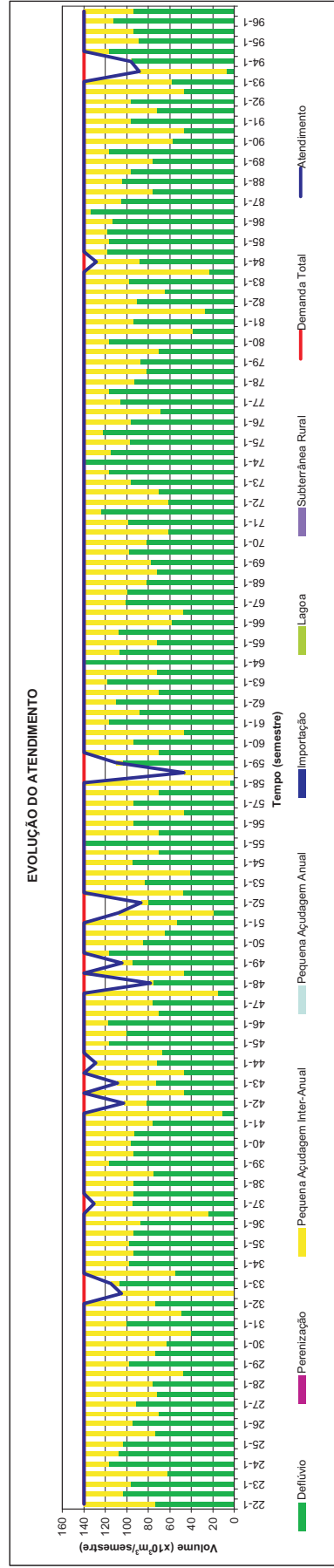
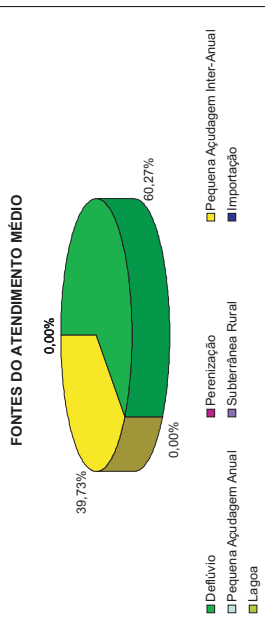
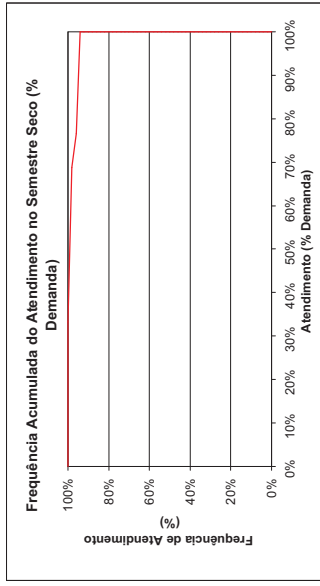
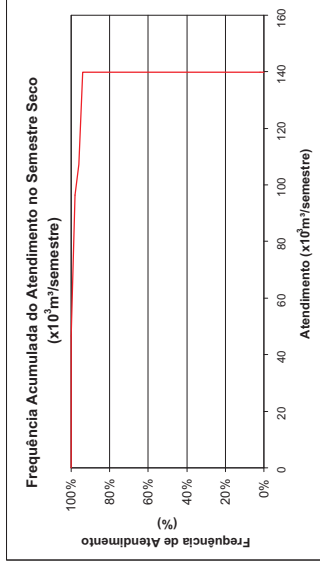
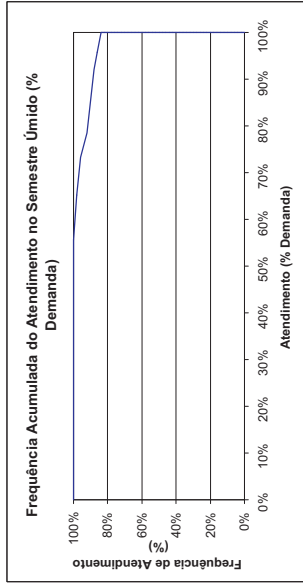
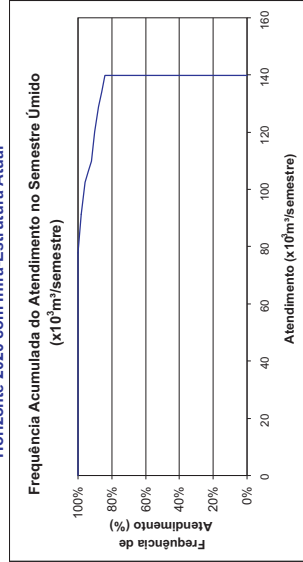


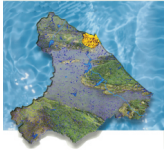


ACARAPE - Área Potencialmente Irrigável
Demanda de Irrigação
MPA.ACR.06

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	139.968	100%	139.968	100%
10%	139.968	100%	139.968	100%
20%	139.968	100%	139.968	100%
30%	139.968	100%	139.968	100%
40%	139.968	100%	139.968	100%
50%	139.968	100%	139.968	100%
60%	139.968	100%	139.968	100%
70%	139.968	100%	139.968	100%
80%	139.968	100%	139.968	100%
90%	120.1434	86%	139.968	100%
100%	77.765	56%	46.656	33%
Atend. Médio	139.968	100%	139.968	100%
Atend. Mínimo	77.765	56%	46.656	33%
Freq. de Falha	14,67%		5,33%	
Demanda	139.968 x10³m³/semestre		9.00 l/s	

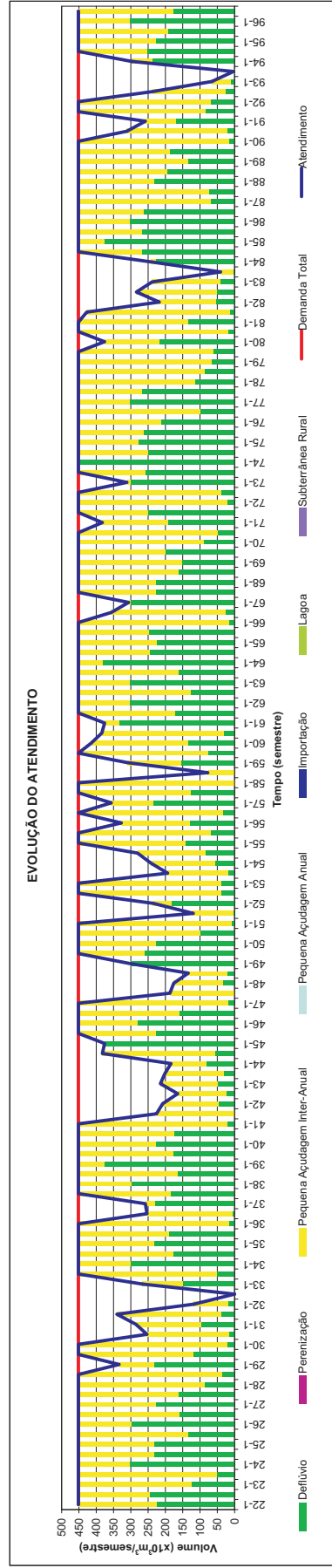
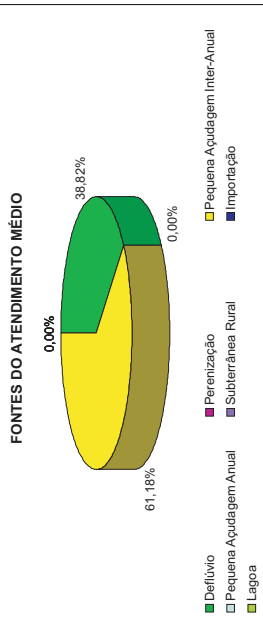
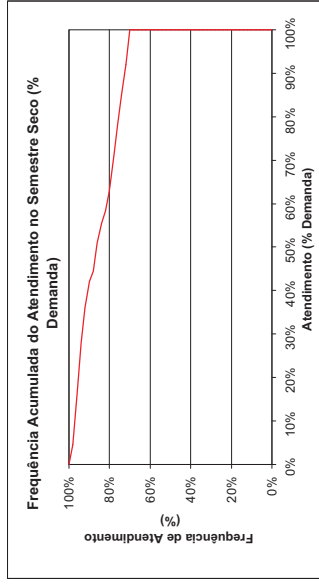
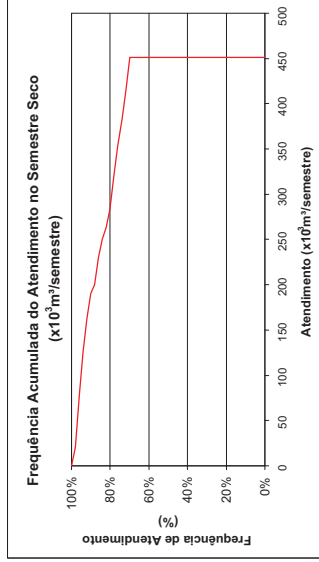
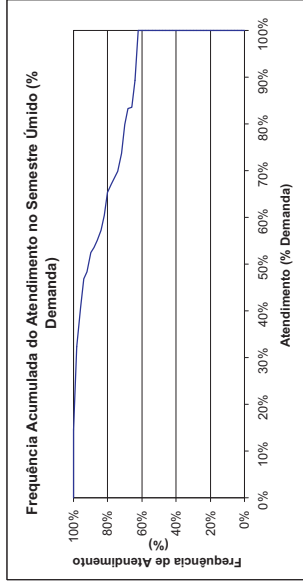
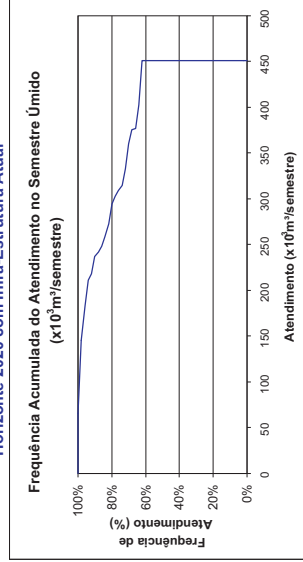




ACARAPE - Área Potencialmente Irrigável Demanda de Irrigação MPA.ACR.04

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	451.008	100%	451.008	100%
10%	451.008	100%	451.008	100%
20%	451.008	100%	451.008	100%
30%	451.008	100%	451.008	100%
40%	451.008	100%	451.008	100%
50%	451.008	100%	451.008	100%
60%	451.008	100%	451.008	100%
70%	360.4568	80%	451.008	100%
80%	294.399	65%	283.3526	63%
90%	236.7532	52%	190.1948	42%
100%	65.604	15%	0	0%
Atend. Mínimo	451.008	100%	451.008	100%
Freq. de Falha	37,33%		0	0%
Demanda	451.008 x10³m³/semestre		29.33% / 29.00 /is	

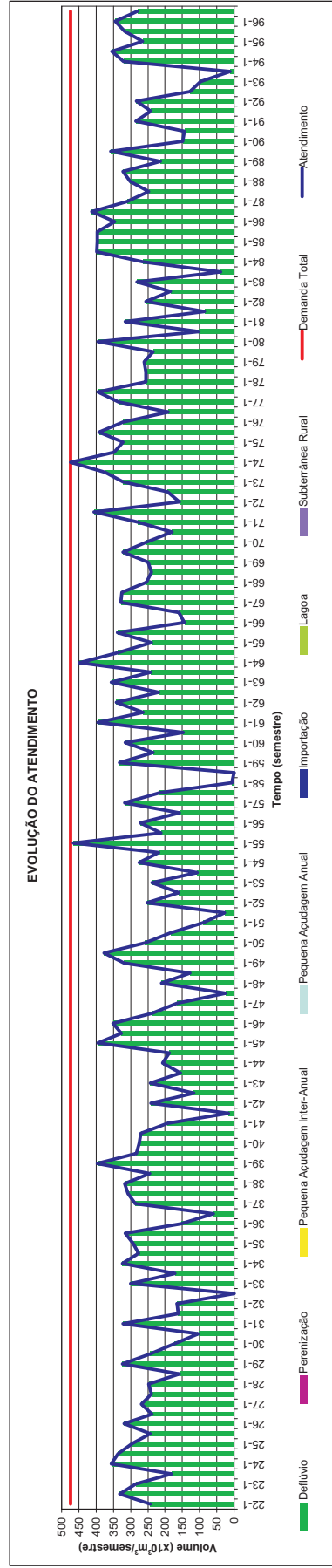
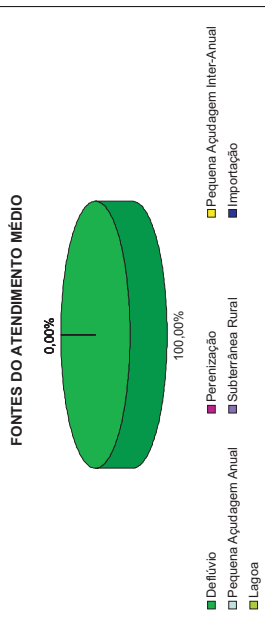
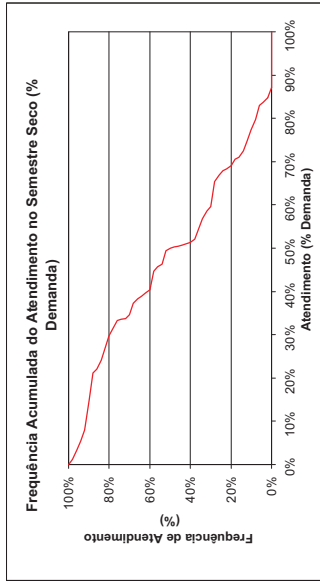
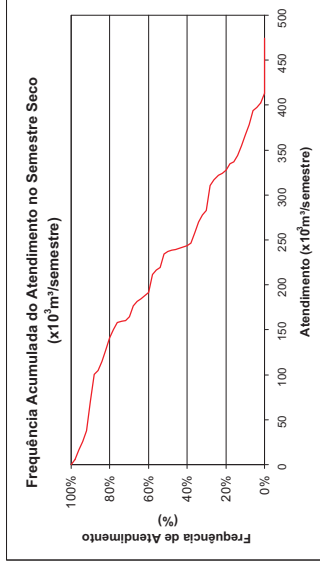
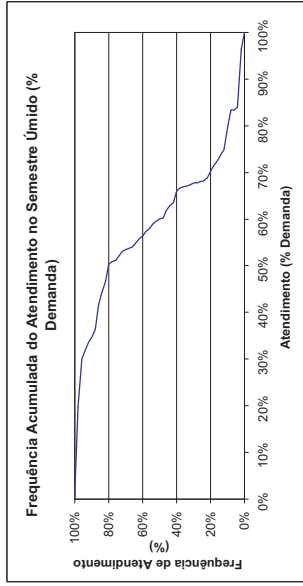
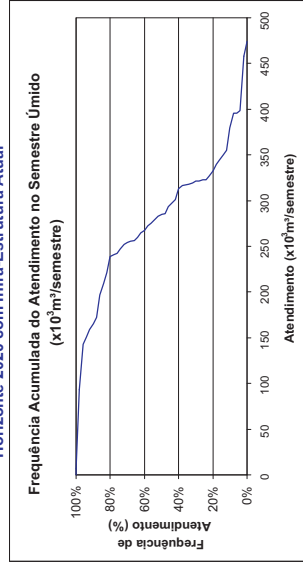




REDEENÇÃO - Área Potencialmente Irrigável Demanda de Irrigação MPA, RED.04

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ⁶ m ³ /Semestre	% Demanda	x10 ⁶ m ³ /Semestre	% Demanda
0%	474,536	100%	413,23	87%
10%	379,4776	80%	367,0374	77%
20%	332,9014	70%	327,3654	69%
30%	339,30532	68%	282,9286	60%
40%	313,0494	66%	243,3542	51%
50%	284,926	60%	237,168	50%
60%	267,413	56%	191,6886	40%
70%	254,0648	54%	164,1766	35%
80%	239,1164	50%	141,2214	30%
90%	165,0104	35%	70,1632	15%
100%	6,821	1%	0	0%
Atend. Médio	284,926	60%	237,168	50%
Freq. de Falha	6,821	1%	0	0%
Demanda	474,336 x10⁶m³/semestre		30,50 /is	



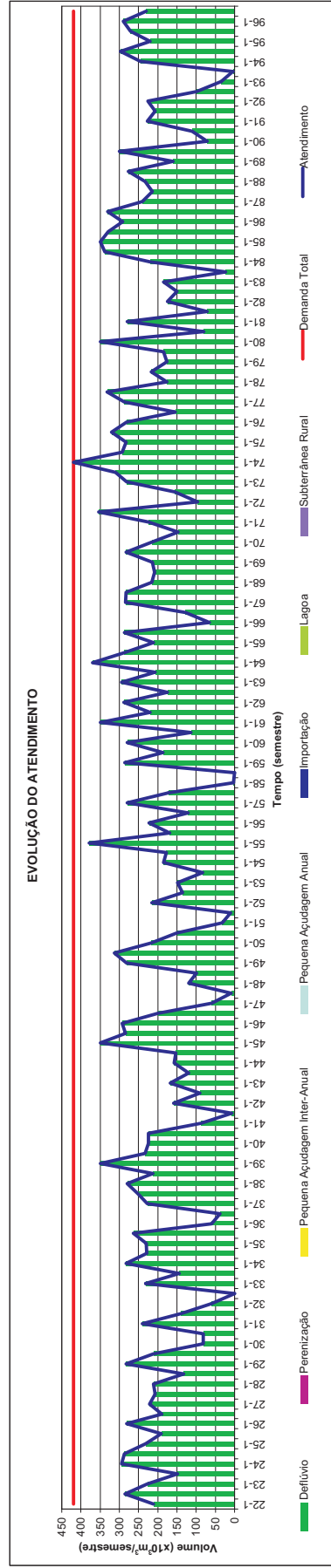
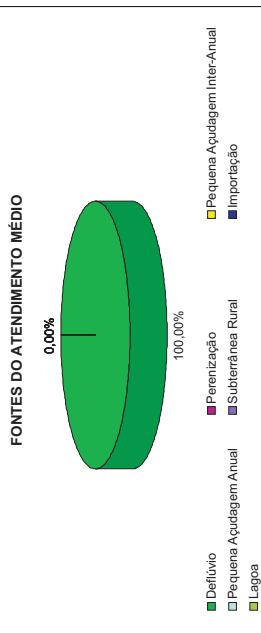
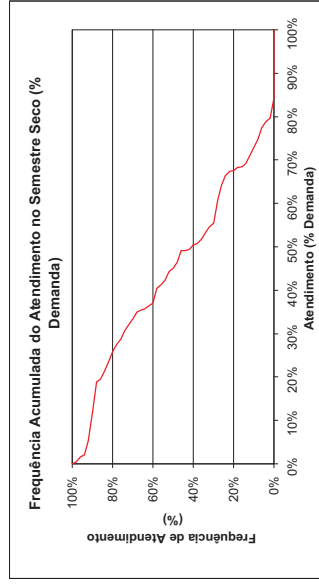
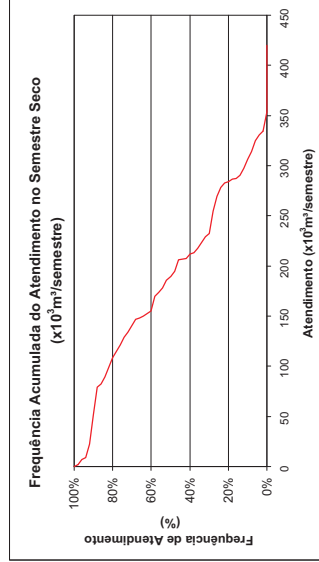
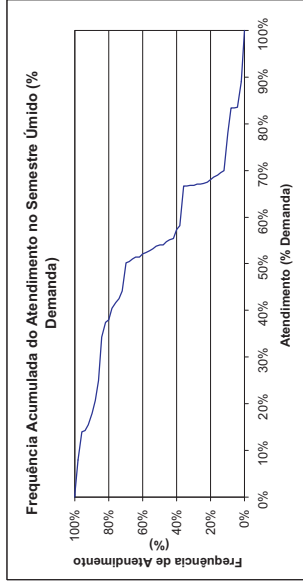
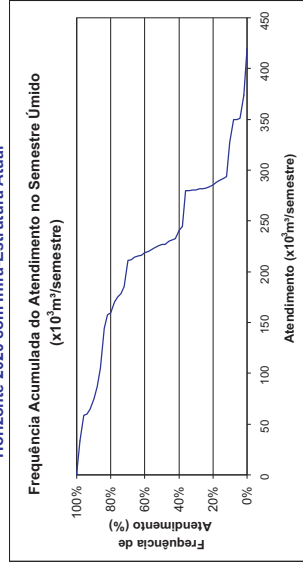


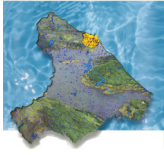
ACARAPE - Área Potencialmente Irrigável

Demanda de Irrigação
MPA.ACR.01

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	419.904	100%	353.931	84%
10%	327.552	78%	305.419	73%
20%	285.729	68%	283.848	68%
30%	288.04508	67%	232.6418	55%
40%	240.528	57%	212.038	50%
50%	226.994	54%	189.568	45%
60%	218.7786	52%	155.226	37%
70%	210.938	50%	140.603	33%
80%	159.4342	38%	103.512	26%
90%	75.3122	18%	51.4704	12%
100%	2.196	1%	0	0%
Atend. Médio	226.994	54%	189.568	45%
Freq. de Falha	2.196	0	0	0%
Demanda	419.904 x10³m³/semestre		27.00 J/s	

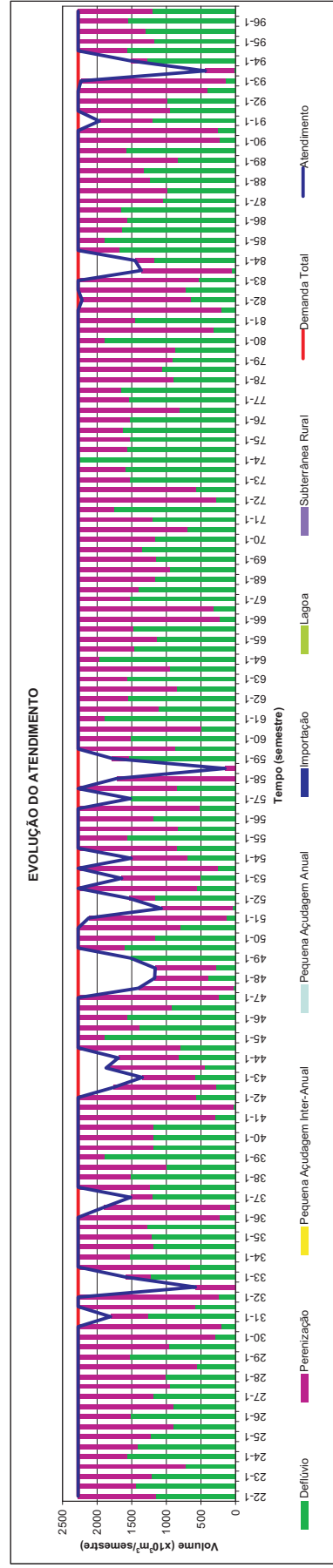
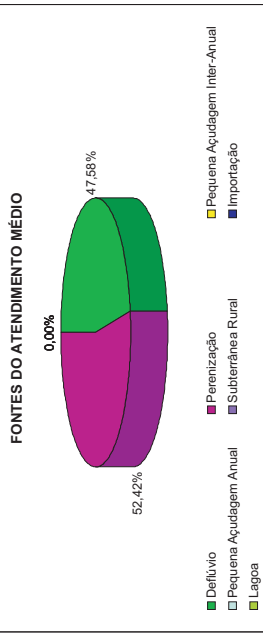
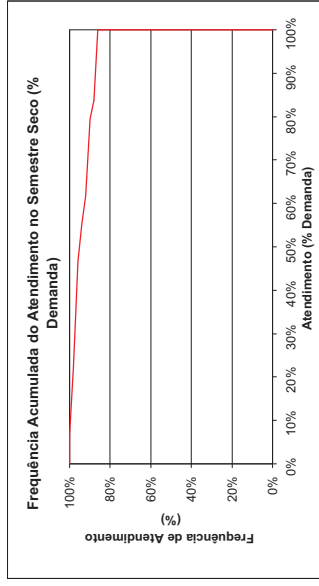
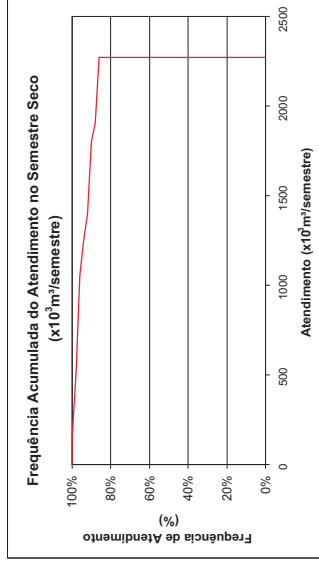
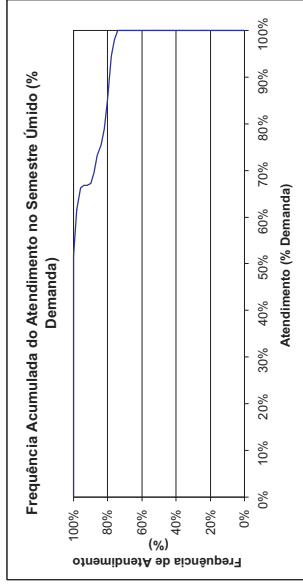
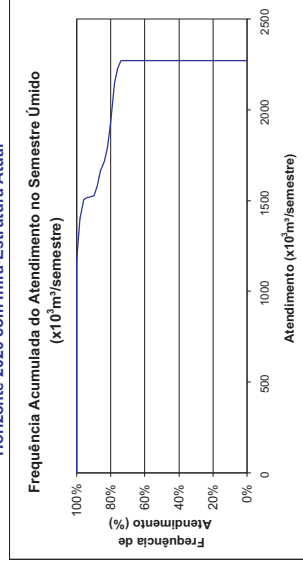


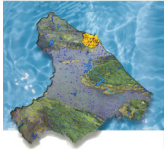


ACARAPE - Área Potencialmente Irrigável Demanda de Irrigação MPA.ACR.05

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	2270.592	100%	2270.592	100%
10%	2270.592	100%	2270.592	100%
20%	2270.592	100%	2270.592	100%
30%	2270.592	100%	2270.592	100%
40%	2270.592	100%	2270.592	100%
50%	2270.592	100%	2270.592	100%
60%	2270.592	100%	2270.592	100%
70%	2270.592	100%	2270.592	100%
80%	1932.4174	85%	2270.592	100%
90%	1526.2462	67%	1804.9198	79%
100%	1173.234	52%	155.327	7%
Atend. Médio	2270.592	100%	2270.592	100%
Atend. Mínimo	1173.234	52%	155.327	7%
Demanda	2.270.592 x10 ³ m ³ /semestre		146.00 l/s	

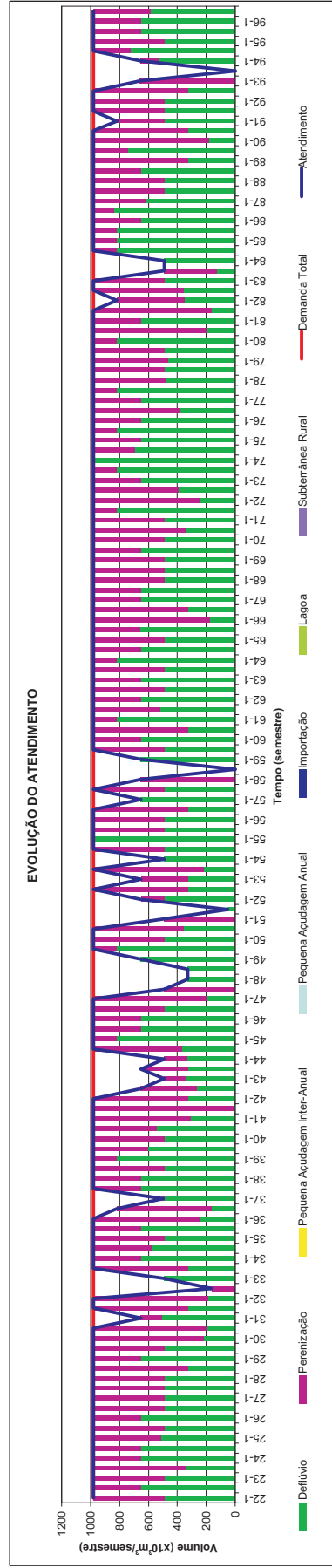
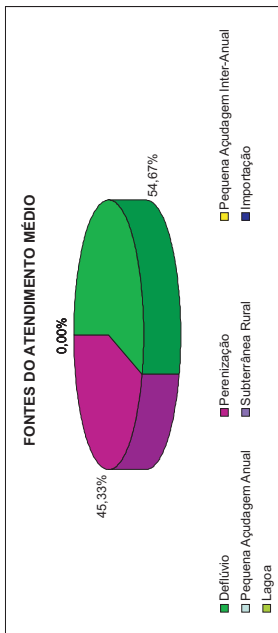
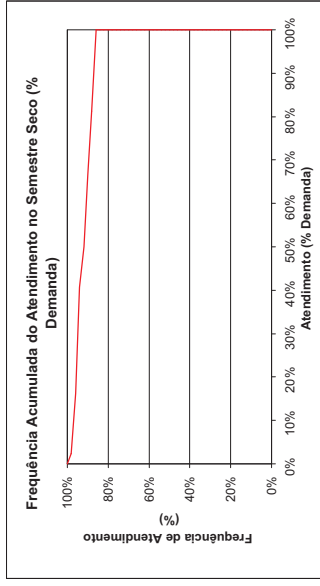
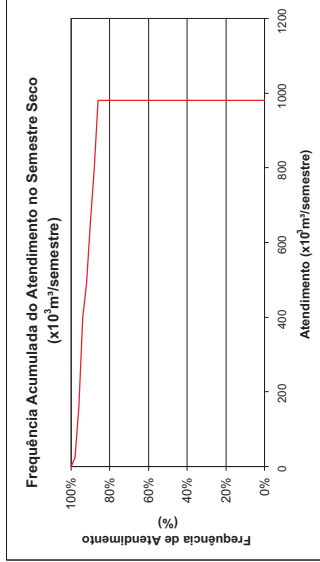
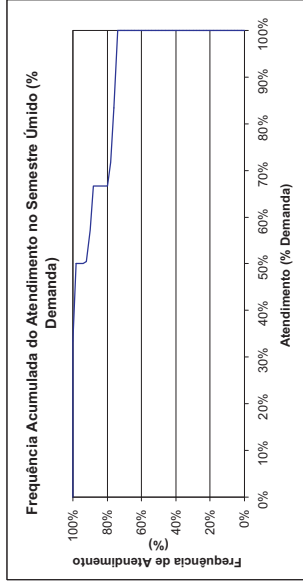
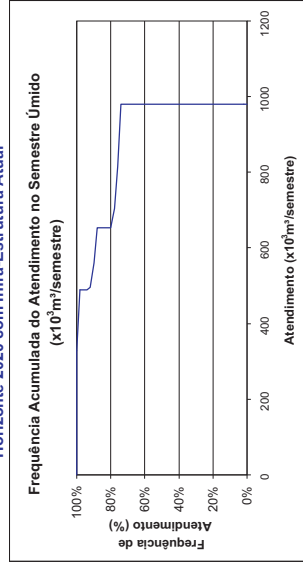


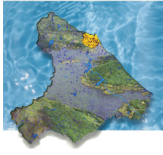


PACAJUS - Área Potencialmente Irrigável Demanda de Irrigação MPA.PAC.00

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ⁶ m ³ /Semestre	% Demanda	x10 ⁶ m ³ /Semestre	% Demanda
0%	979,776	100%	979,776	100%
10%	979,776	100%	979,776	100%
20%	979,776	100%	979,776	100%
30%	979,776	100%	979,776	100%
40%	979,776	100%	979,776	100%
50%	979,776	100%	979,776	100%
60%	979,776	100%	979,776	100%
70%	979,776	100%	979,776	100%
80%	653,184	67%	979,776	100%
90%	660,2654	57%	653,184	67%
100%	328,543	34%	0	0%
Atend. Médio	979,776	100%	979,776	100%
Freq. de Falha	328,543	34%	0	0%
Demanda	979,776 x10⁶m³/semestre		13,33%	
			63,00 l/s	





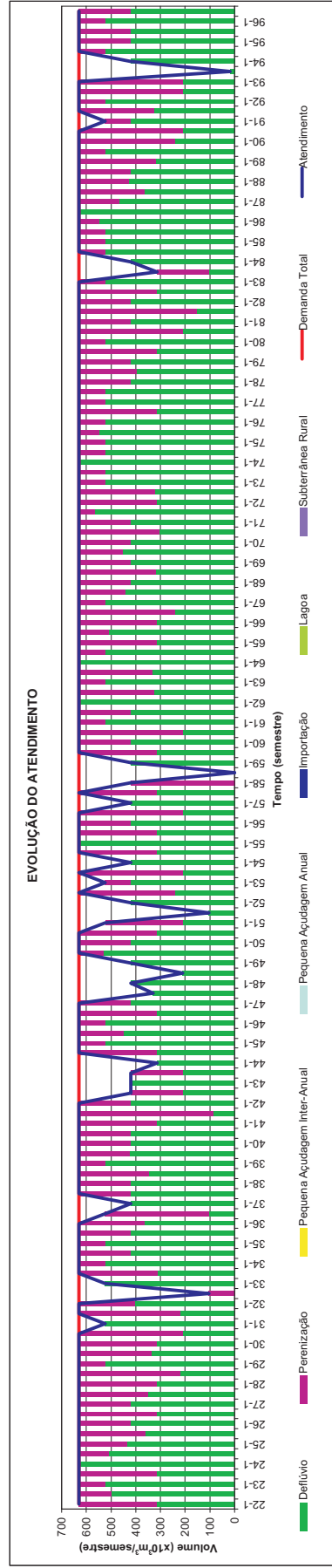
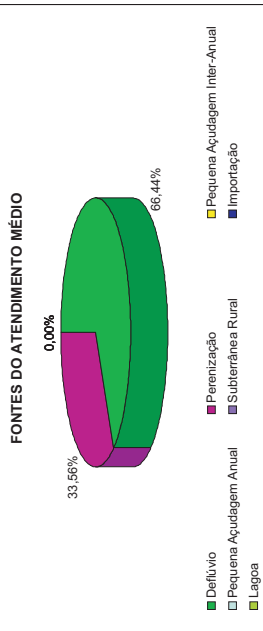
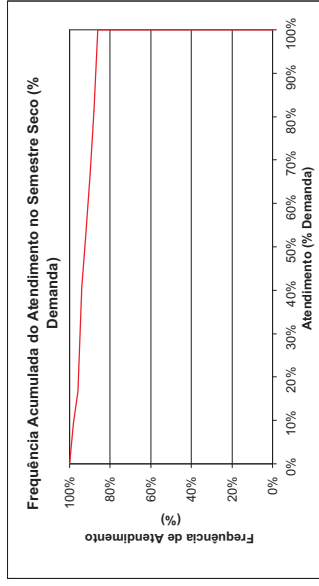
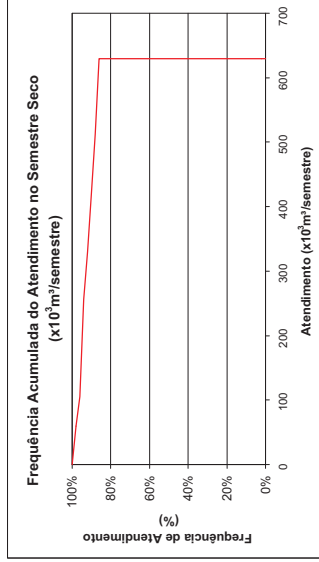
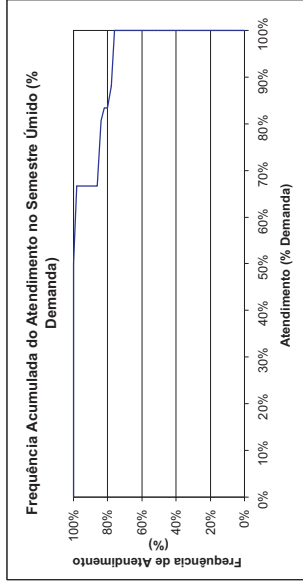
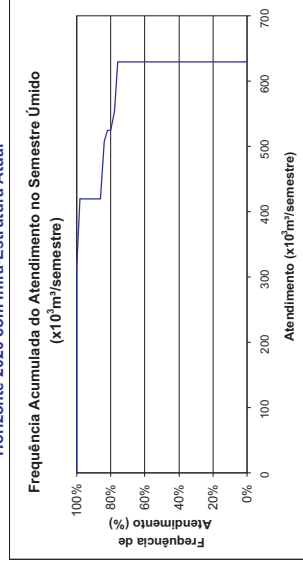
GUAÍUBA - Área Potencialmente Irrigável

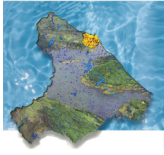
Demanda de Irrigação

MPA.GUB.07

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	629,856	100%	629,856	100%
10%	629,856	100%	629,856	100%
20%	629,856	100%	629,856	100%
30%	629,856	100%	629,856	100%
40%	629,856	100%	629,856	100%
50%	629,856	100%	629,856	100%
60%	629,856	100%	629,856	100%
70%	629,856	100%	629,856	100%
80%	524,88	83%	629,856	100%
90%	419,904	67%	419,904	67%
100%	314,928	50%	0	0%
Atend. Médio	629,856	100%	629,856	100%
Atend. Mínimo	314,928	50%	0	0%
Freq. de Falha	22,67%		13,33%	
Demanda	629,856 x10³m³/semestre		40,50 l/s	

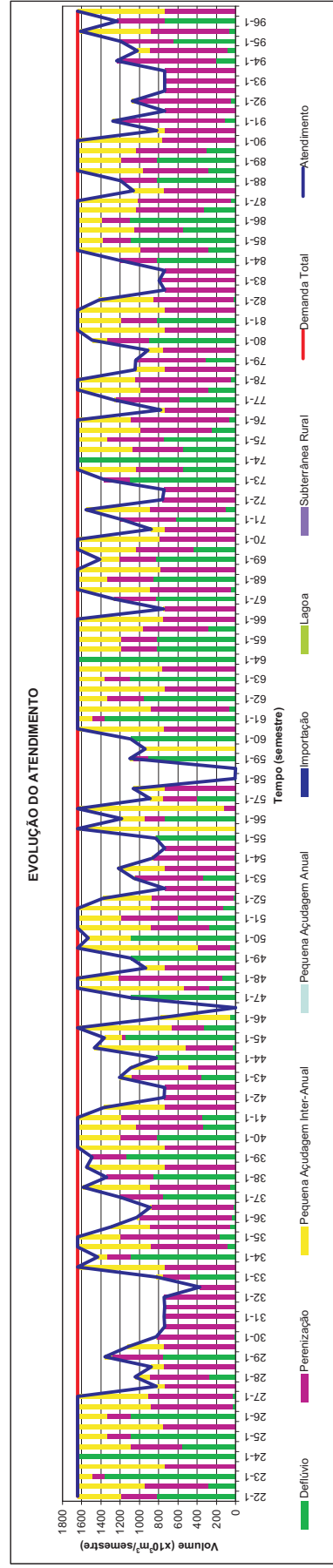
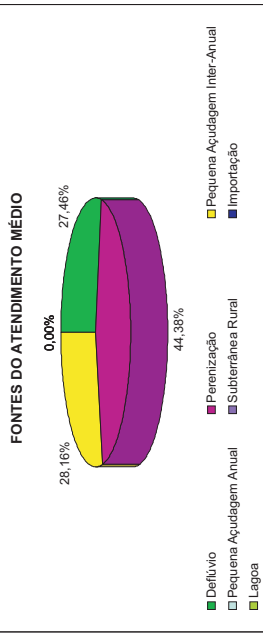
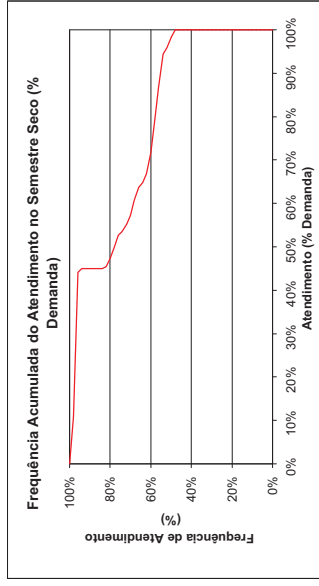
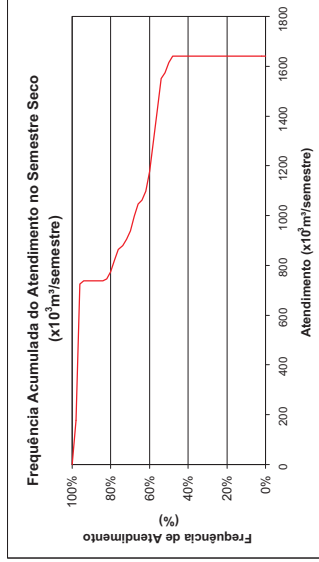
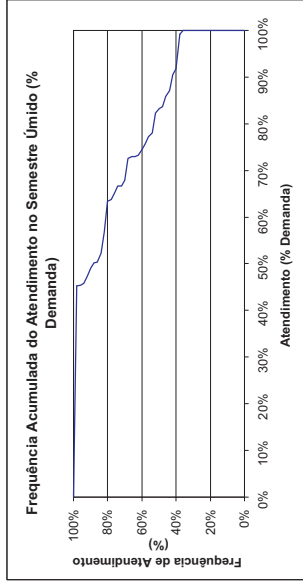
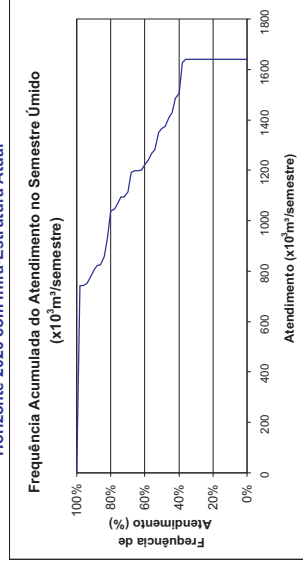




QUIXADÁ - Área Potencialmente Irrigável Demanda de Irrigação MCH.QUI.07

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ⁶ m ³ /Semestre	% Demanda	x10 ⁶ m ³ /Semestre	% Demanda
0%	1640,736	100%	1640,736	100%
10%	1640,736	100%	1640,736	100%
20%	1640,736	100%	1640,736	100%
30%	1640,736	100%	1640,736	100%
40%	1506,532	92%	1640,736	100%
50%	1365,162	83%	1613,772	98%
60%	1221,808	74%	1178,0688	72%
70%	1113,8634	68%	937,7888	57%
80%	1039,5032	63%	773,58	47%
90%	805,0972	49%	738,7713	45%
100%	3,82	0%	0	0%
Atend. Mínimo	1365,162	83%	1613,772	98%
Freq. de Falha	61,35%		50,67%	
Demanda	1.640,736 x10⁶m³/semestre		105,50 l/s	

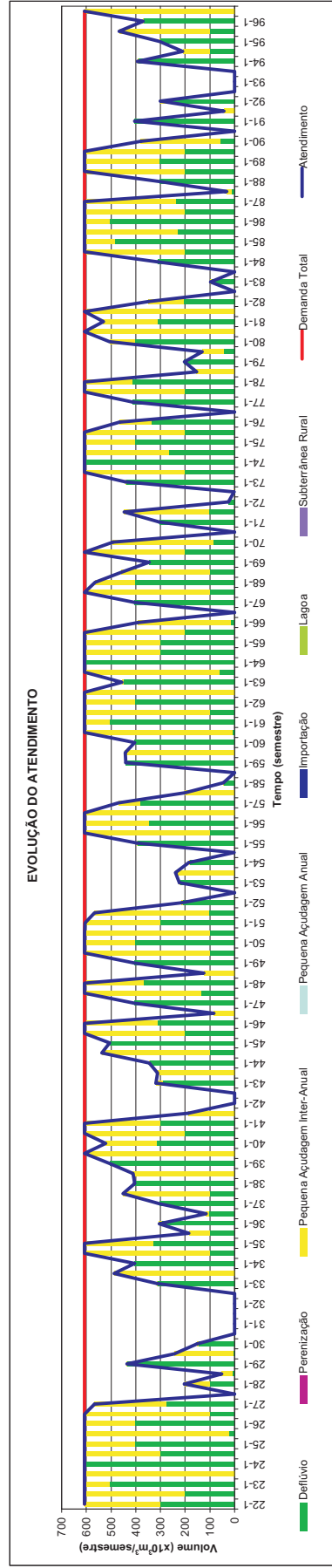
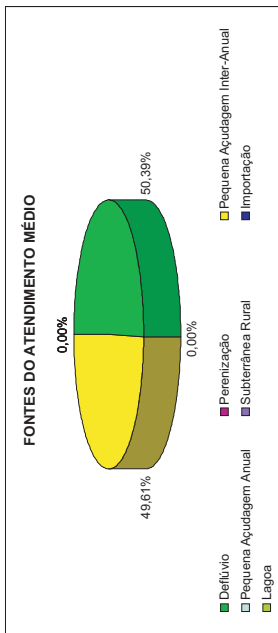
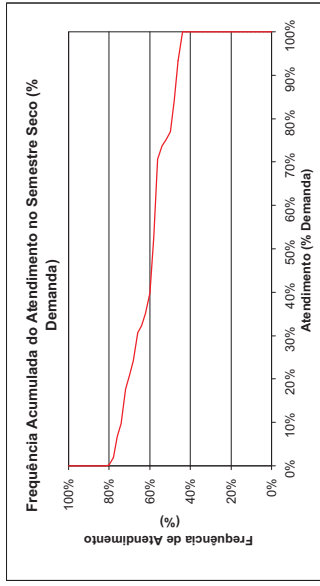
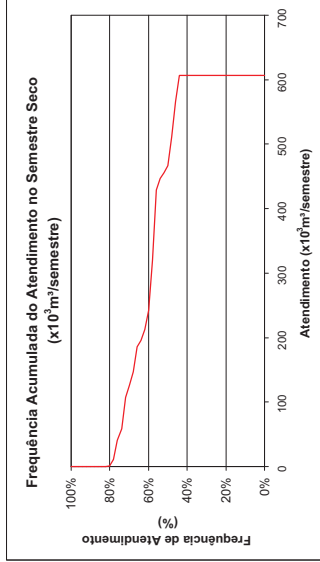
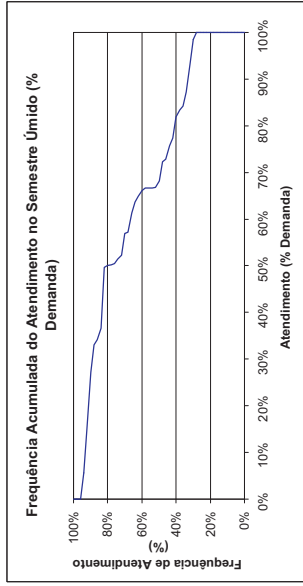
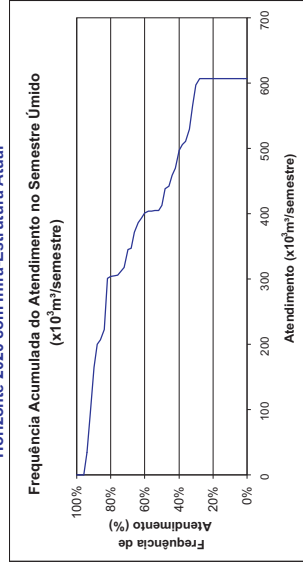




ITAPUIUNA - Área Potencialmente Irrigável Demanda de Irrigação MCH.ITU.03

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	606.528	100%	606.528	100%
10%	606.528	100%	606.528	100%
20%	606.528	100%	606.528	100%
30%	606.528	98%	606.528	100%
40%	497.0112	82%	606.528	100%
50%	413.158	68%	466.95	77%
60%	400.9544	66%	241.9734	40%
70%	345.3026	57%	126.253	21%
80%	303.916	50%	0.9342	0%
90%	165.016	27%	0	0%
100%	0	0%	0	0%
Atend. Médio	413.158	68%	466.95	77%
Atend. Mínimo	0	0%	0	0%
Freq. de Falha	70,67%		54,67%	
Demanda	606.528 x10³m³/semestre		39.00 l/s	

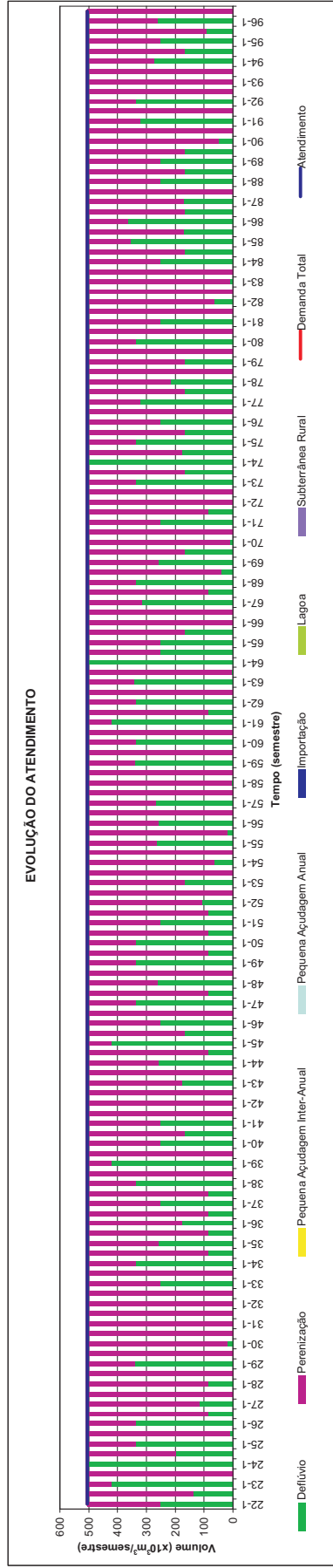
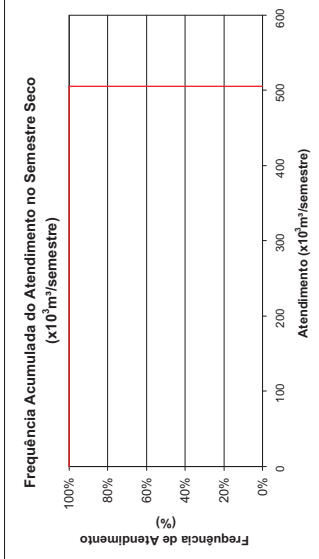
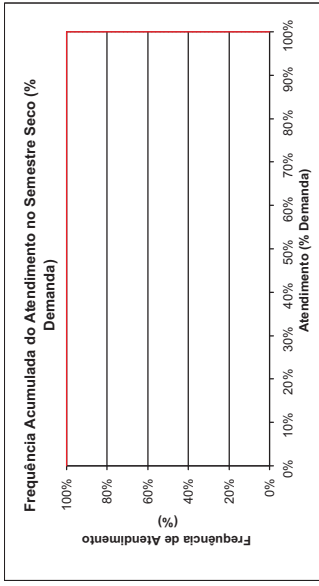
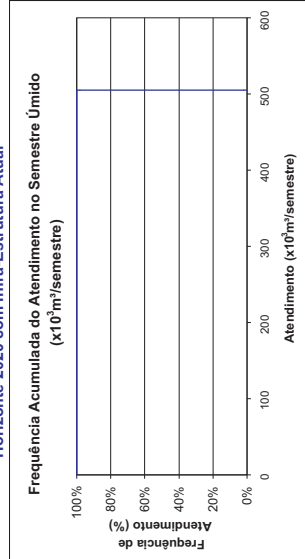
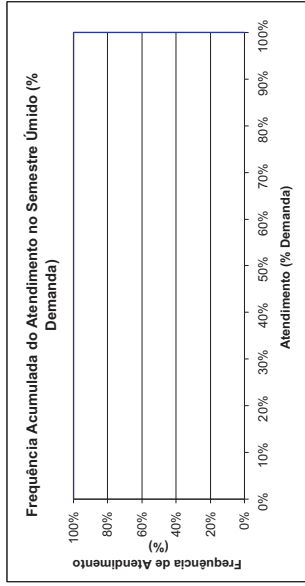
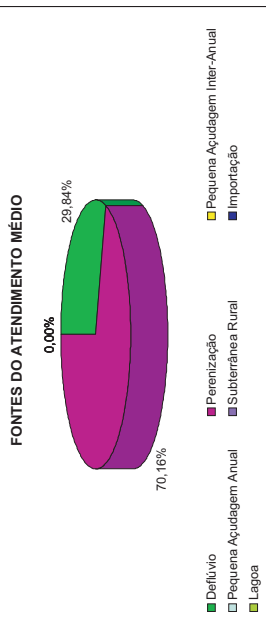




CAPISTRANO - Área Potencialmente Irrigável
Demanda de Irrigação
MCH.CAP.08

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	505,44	100%	505,44	100%
10%	505,44	100%	505,44	100%
20%	505,44	100%	505,44	100%
30%	505,44	100%	505,44	100%
40%	505,44	100%	505,44	100%
50%	505,44	100%	505,44	100%
60%	505,44	100%	505,44	100%
70%	505,44	100%	505,44	100%
80%	505,44	100%	505,44	100%
90%	505,44	100%	505,44	100%
100%	505,44	100%	505,44	100%
Atend. Médio	505,44	100%	505,44	100%
Atend. Mínimo	505,44	100%	505,44	100%
Demanda	0,00%		0,00%	
Freq. de Falha	505,440 x10 ³ m ³ /semestre		32,50 /is	

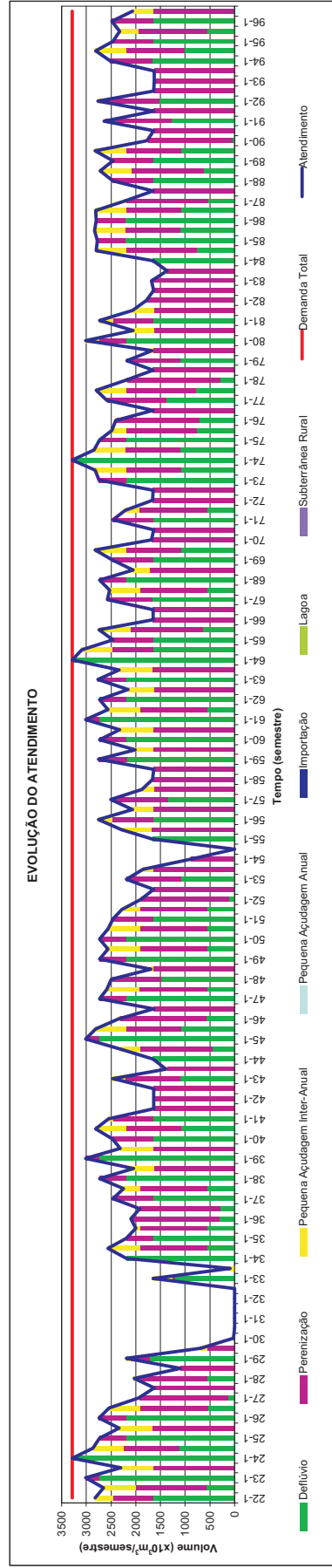
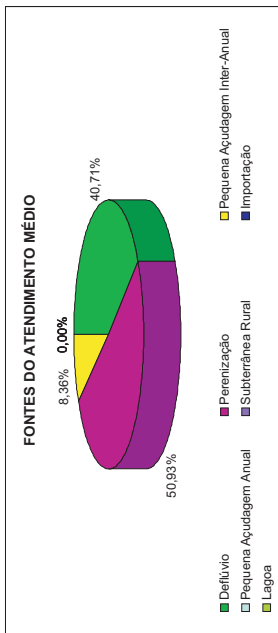
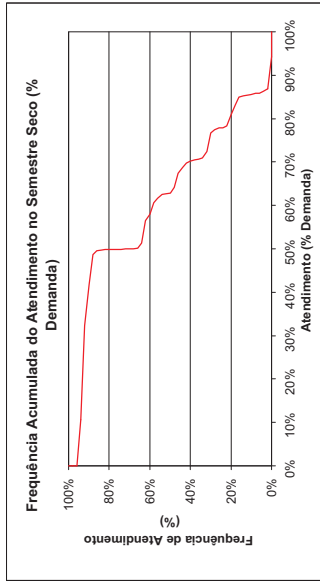
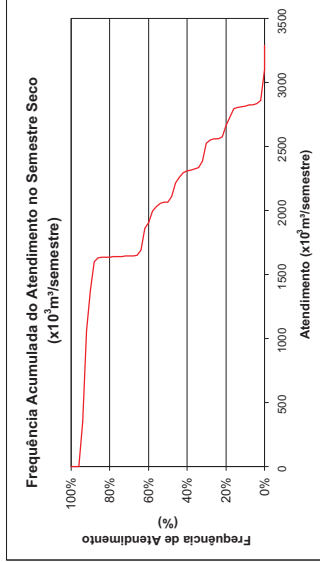
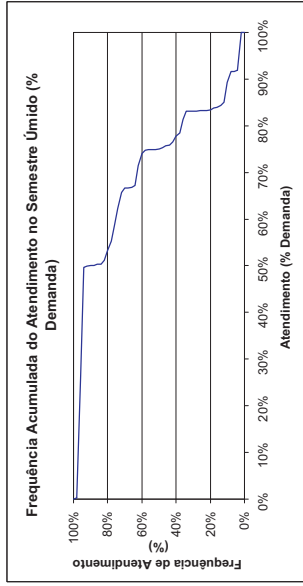
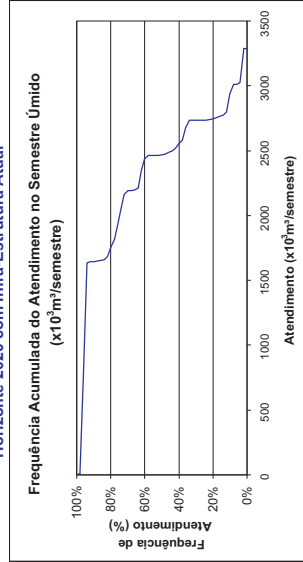




BATURITÉ - Área Potencialmente Irrigável Demanda de Irrigação MCH.BAT.15

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ⁶ m ³ /Semestre	% Demanda	x10 ⁶ m ³ /Semestre	% Demanda
0%	3289,248	100%	3098,313	94%
10%	2936,2608	89%	2814,0166	86%
20%	2743,6666	83%	2664,5668	81%
30%	2756,46848	83%	2524,7014	77%
40%	2558,1476	78%	2309,8384	70%
50%	2466,051	75%	2066,329	65%
60%	2438,1368	74%	1905,226	56%
70%	2191,88	67%	1644,7352	50%
80%	1750,343	53%	1637,422	50%
90%	1645,9588	50%	1373,4944	42%
100%	0	0%	0	0%
Atend. Médio	2466,051	75%	2066,329	63%
Atend. Mínimo	0	0%	0	0%
Freq. de Falha	96,00%		100,00%	
Demanda	3.289,248 x10⁶m³/semestre		211,50 /s	



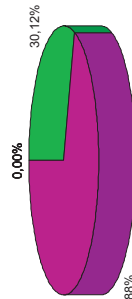


ITAPIÚNA - Área Potencialmente Irrigável Demanda de Irrigação MCH.ITU.11

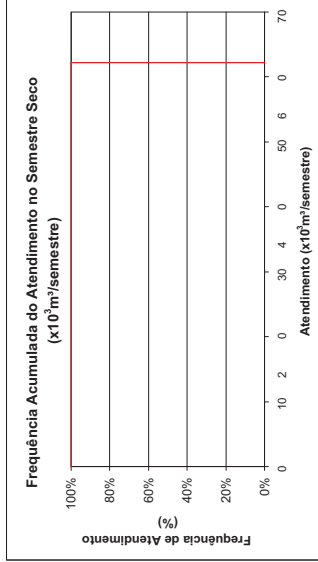
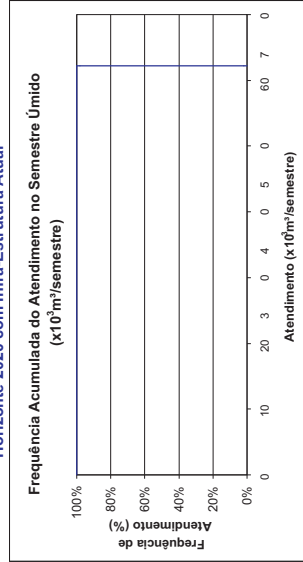
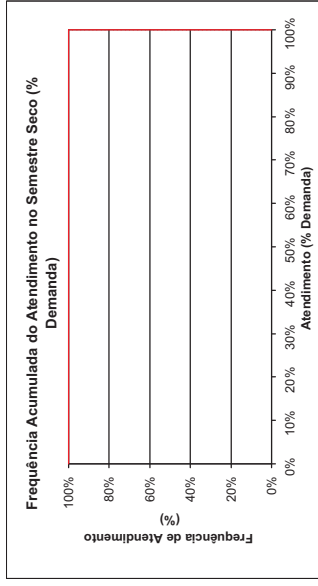
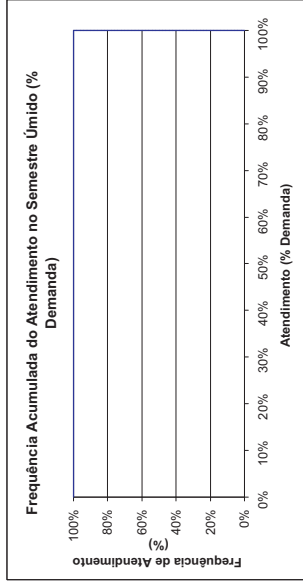
Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	62.208	100%	62.208	100%
10%	62.208	100%	62.208	100%
20%	62.208	100%	62.208	100%
30%	62.208	100%	62.208	100%
40%	62.208	100%	62.208	100%
50%	62.208	100%	62.208	100%
60%	62.208	100%	62.208	100%
70%	62.208	100%	62.208	100%
80%	62.208	100%	62.208	100%
90%	62.208	100%	62.208	100%
100%	62.208	100%	62.208	100%
Atend. Médio	62.208	100%	62.208	100%
Freq. de Falha	62.208	100%	62.208	100%
Demanda	0,00% 62.208 x10 ³ m ³ /semestre		0,00% 4.00 l/s	

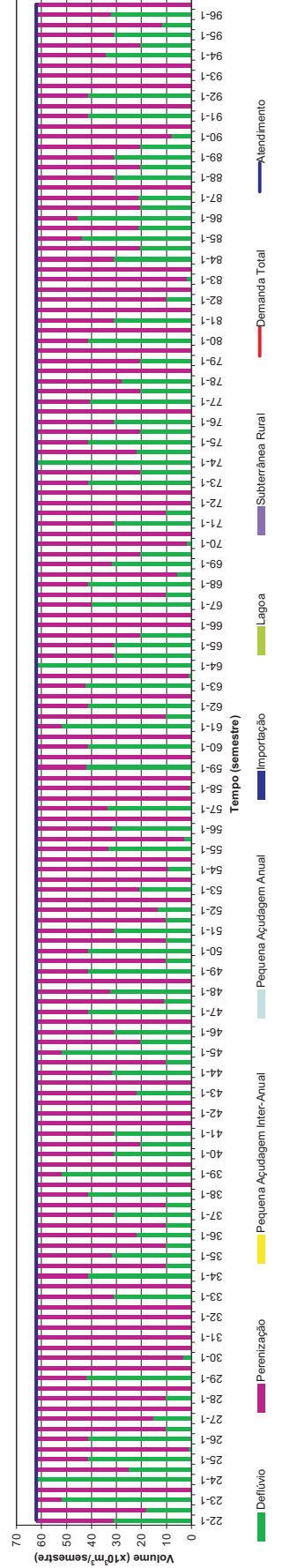
FONTES DO ATENDIMENTO MÉDIO



- Deflúvio
- Pequena Aquisição Anual
- Pequena Aquisição Inter-Anual
- Lagoa
- Perenização
- Subterrânea Rural
- Importação
- Pequena Aquisição Inter-Anual
- Pequena Aquisição Anual
- Importação
- Lagoa
- Subterrânea Rural
- Atendimento
- Demanda Total
- Subterrânea Rural
- Lagoa



EVOLUÇÃO DO ATENDIMENTO

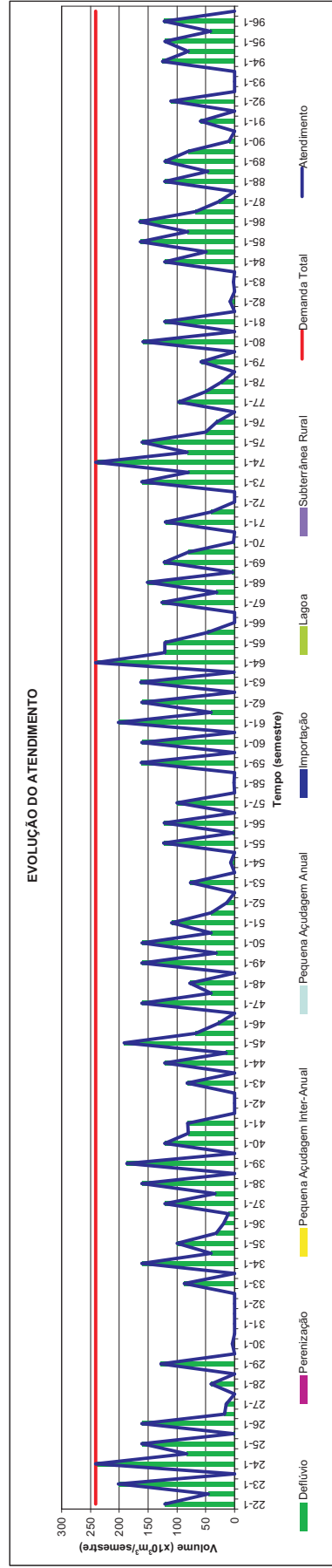
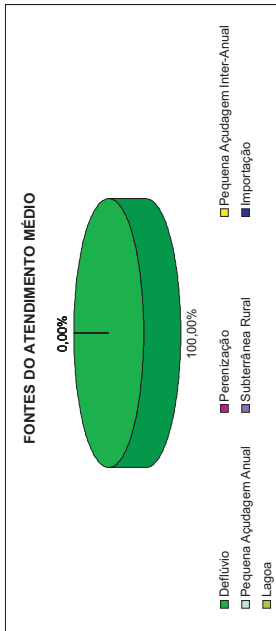
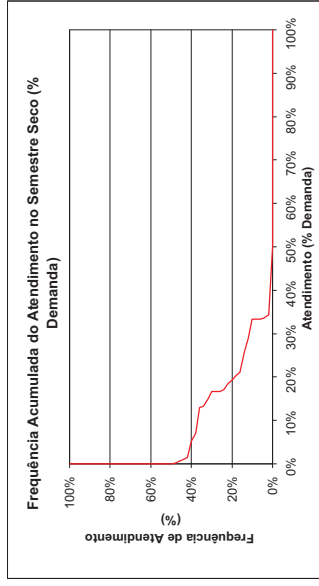
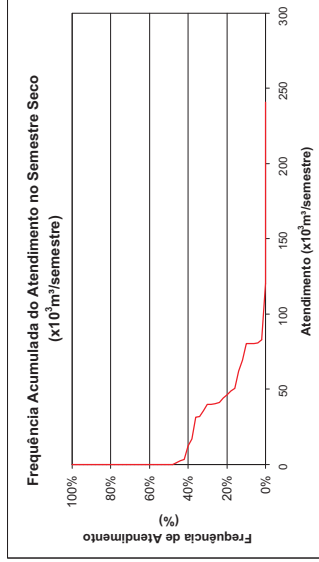
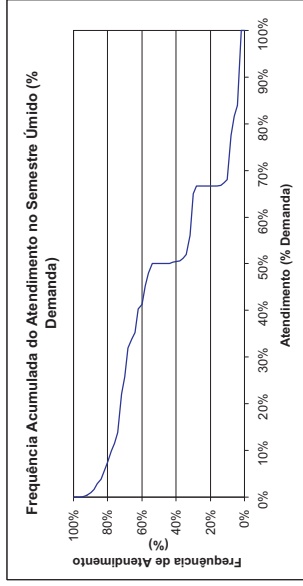
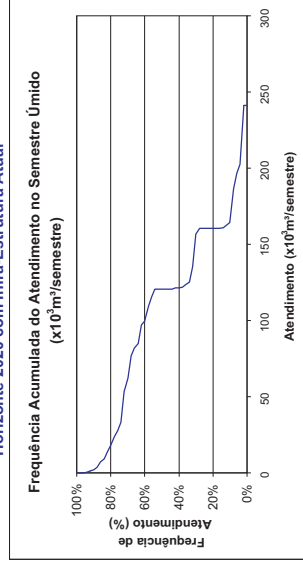




ARACOIABA - Área Potencialmente Irrigável Demanda de Irrigação MCH.ARC.09

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	241.056	100%	120.528	50%
10%	164.1208	68%	80.2352	33%
20%	160.704	67%	46.4088	19%
30%	160.704	65%	40.176	17%
40%	121.5864	50%	12.3576	5%
50%	120.528	50%	0.108	0%
60%	99.4712	41%	0	0%
70%	62.216	26%	0	0%
80%	17.9968	7%	0	0%
90%	2.2224	1%	0	0%
100%	0	0%	0	0%
Atend. Médio	120.528	50%	0.108	0%
Freq. de Falha	0	0%	0	0%
Demanda	241.056 x10³m³/semestre		120.528 x10³m³/semestre	
				15.50 /is



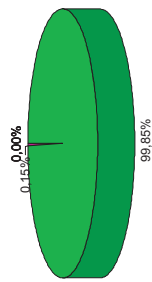


ARACOIABA - Área Potencialmente Irrigável Demanda de Irrigação MCH.ARC.12

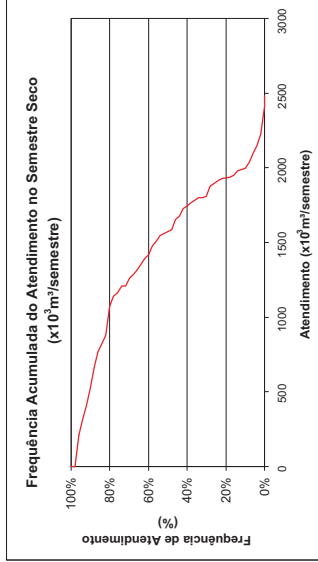
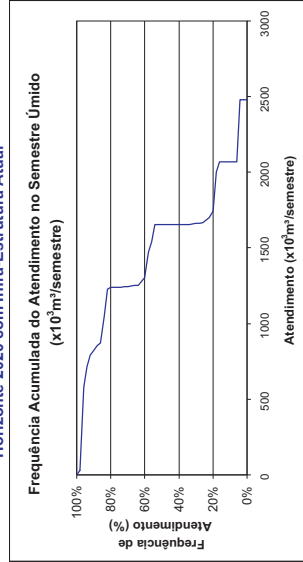
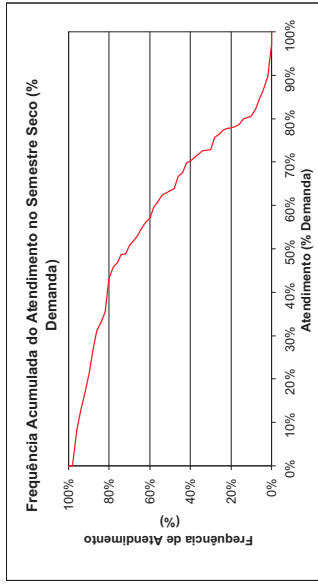
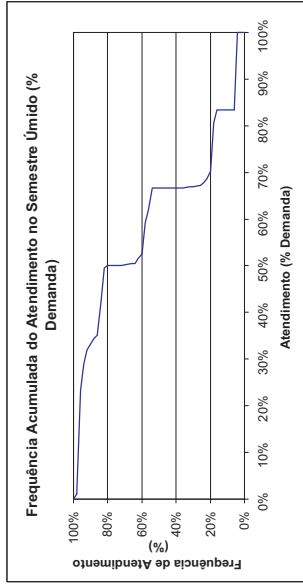
Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	2480,544	100%	2408,444	97%
10%	2067,12	83%	1998,7018	81%
20%	1741,2798	70%	1933,358	76%
30%	1999,848	67%	1807,4432	73%
40%	1653,696	67%	1742,6406	70%
50%	1653,696	67%	1573,088	65%
60%	1302,7892	53%	1417,0948	57%
70%	1244,8194	50%	1258,086	51%
80%	1240,272	50%	1073,4414	43%
90%	827,0696	33%	526,3	21%
100%	0	0%	0	0%
Atend. Mínimo	1653,696	67%	1573,088	63%
Freq. de Falha	0	0%	0	0%
Demanda	2.480,544 x10 ³ m ³ /semestre		199,50 /s	100,00%

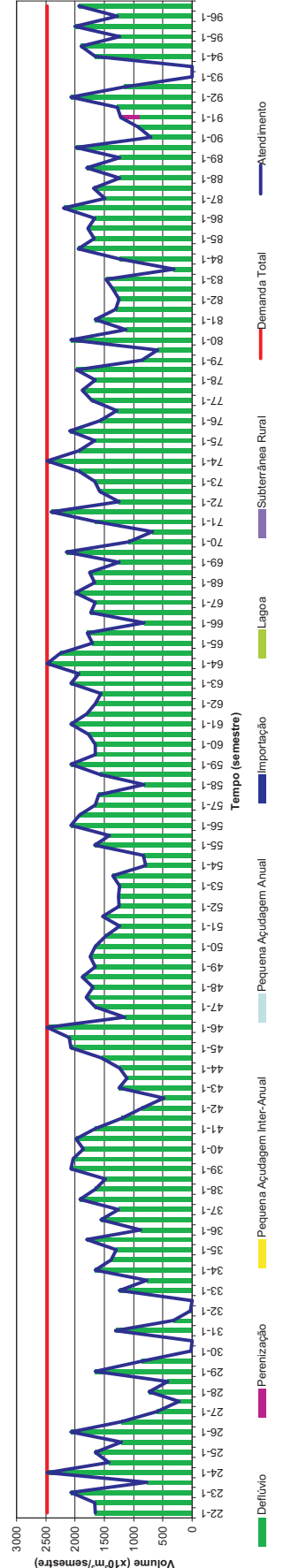
FONTES DO ATENDIMENTO MÉDIO



- Deflúvio
- Pequena Acudagem Anual
- Pequena Acudagem Inter-Anual
- Lagoa
- Perenização
- Subterrânea Rural
- Importação



EVOLUÇÃO DO ATENDIMENTO



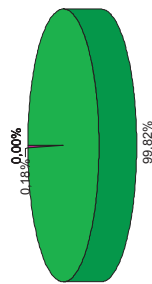


ARACOIABA - Área Potencialmente Irrigável Demanda de Irrigação MCH.ARC.13

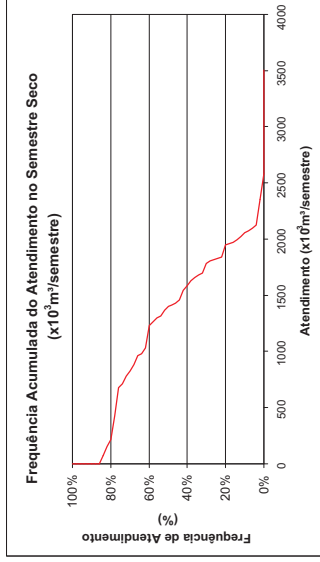
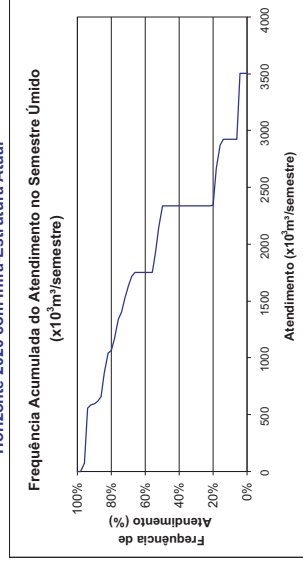
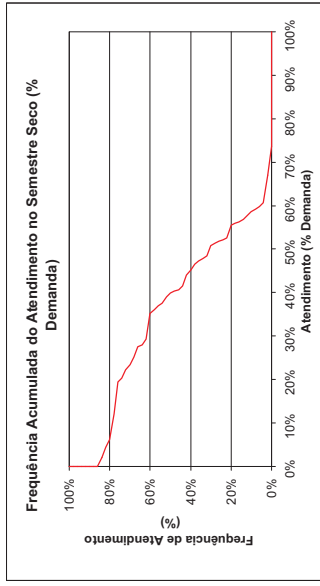
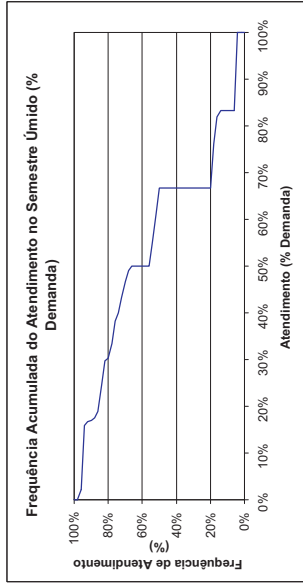
Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ⁶ m ³ /Semestre	% Demanda	x10 ⁶ m ³ /Semestre	% Demanda
0%	3506,976	100%	2561,307	74%
10%	2922,48	83%	2056,1888	59%
20%	2341,005	67%	1945,9836	55%
30%	2670,3808	67%	1781,1186	51%
40%	2337,984	67%	1566,041	45%
50%	2337,984	67%	1399,581	40%
60%	1763,587	50%	1232,393	35%
70%	1640,087	47%	823,7254	23%
80%	1062,6966	30%	218,3618	6%
90%	597,3098	17%	0	0%
100%	0	0%	0	0%
Atend. Mínimo	2337,984	67%	1399,581	40%
Freq. de Falha	0	0%	0	0%
Demanda	3.506,976	x10⁶m³/semestre	225,50	l/s

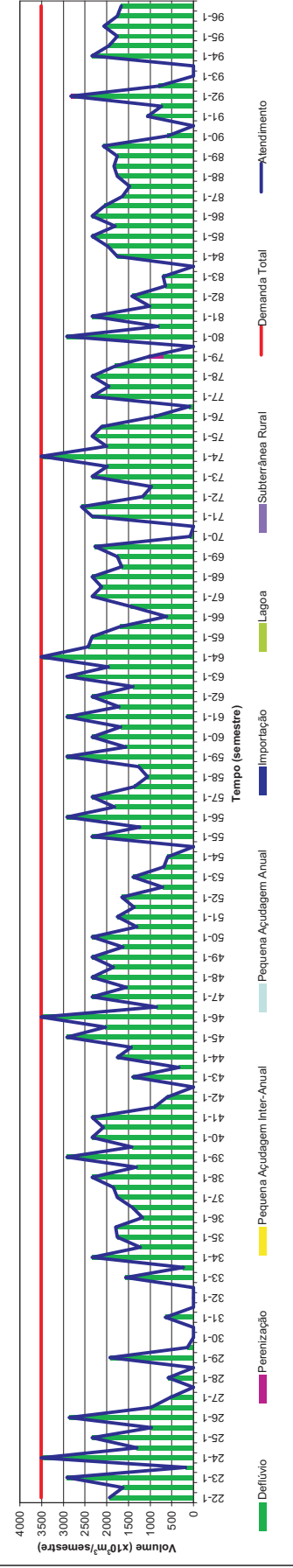
FONTES DO ATENDIMENTO MÉDIO



- Deflúvio
- Pequena Ajudagem Inter-Annual
- Lagoa
- Perenização
- Subterrânea Rural
- Pequena Ajudagem Anual
- Importação



EVOLUÇÃO DO ATENDIMENTO

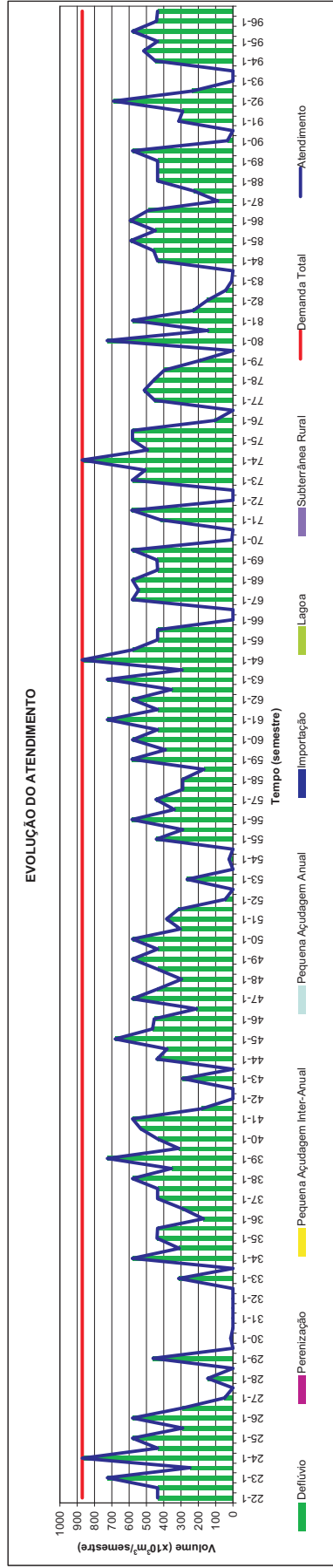
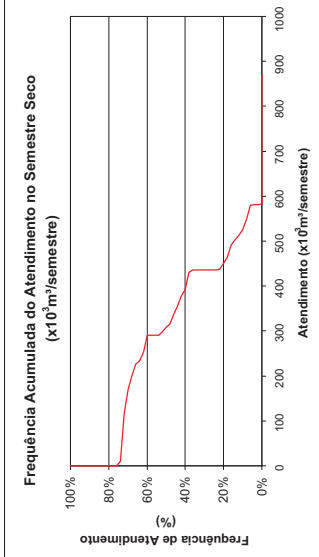
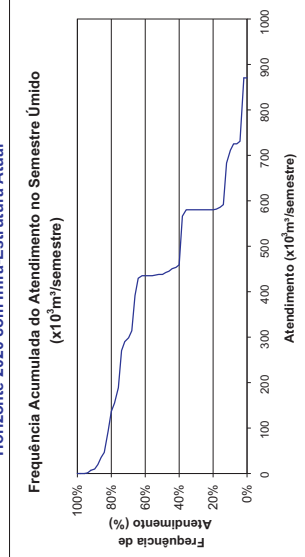
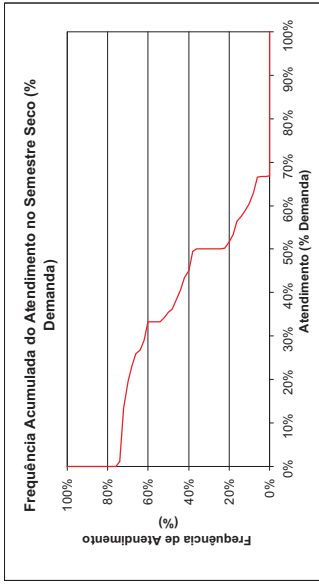
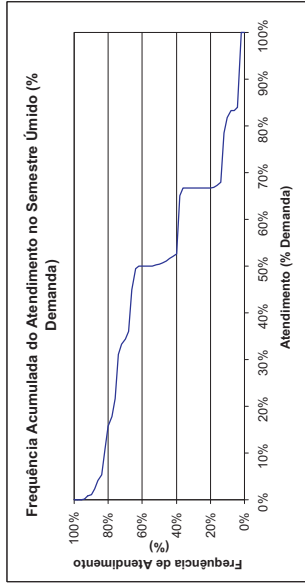
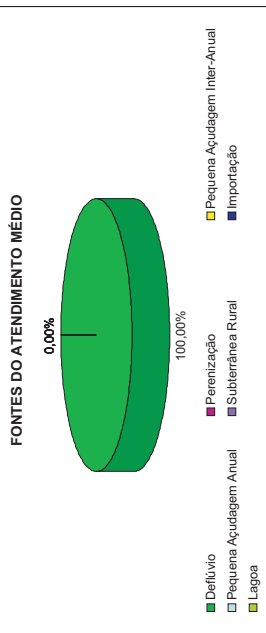




ARACOIABA - Área Potencialmente Irrigável Demanda de Irrigação MCH.ARC.07

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	870,912	100%	582,443	67%
10%	711,736	82%	526,0922	60%
20%	580,608	67%	450,1486	52%
30%	582,02512	67%	435,456	50%
40%	458,5484	53%	392,299	45%
50%	438,701	50%	309,14	35%
60%	435,456	50%	290,304	33%
70%	299,0682	34%	170,1864	20%
80%	136,615	16%	0	0%
90%	9,973	1%	0	0%
100%	0	0%	0	0%
Atend. Médio	438,701	50%	309,14	35%
Freq. de Falha	0	0%	0	0%
Demanda	870,912 x10³m³/semestre		100,00%	56,00 /is

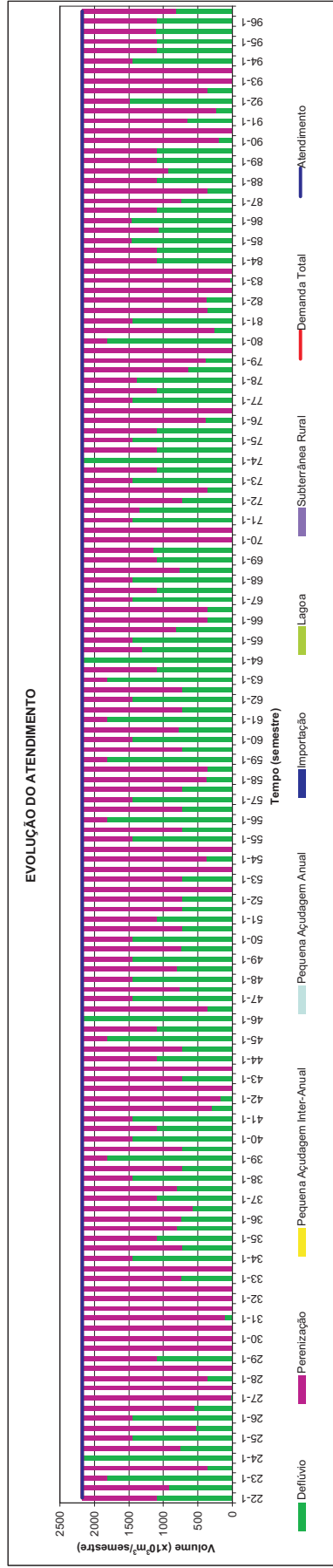
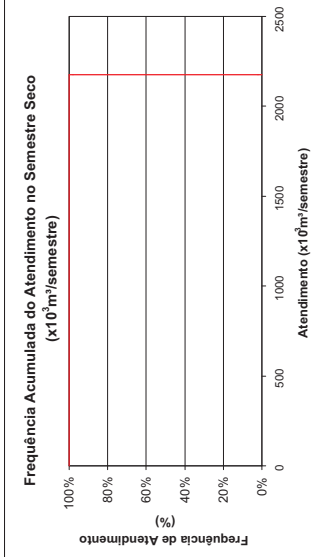
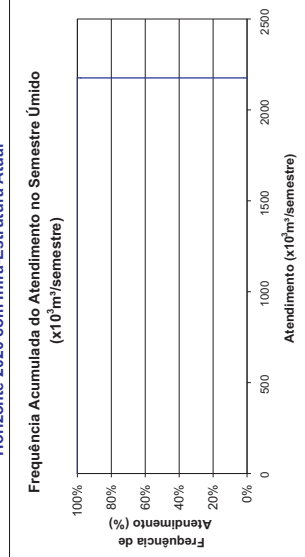
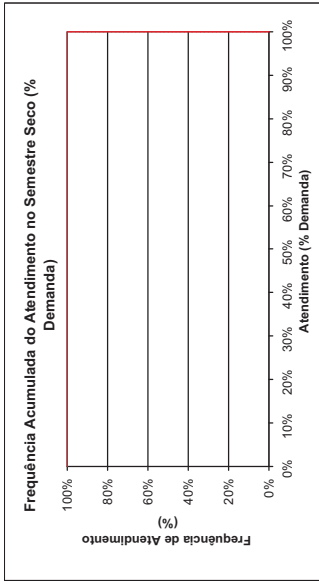
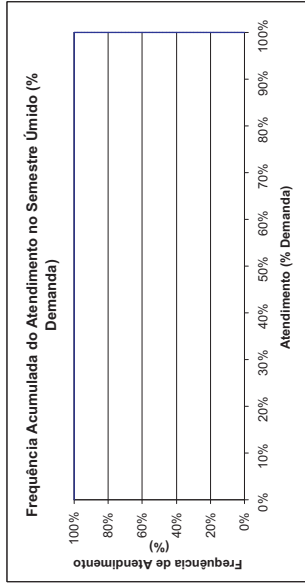
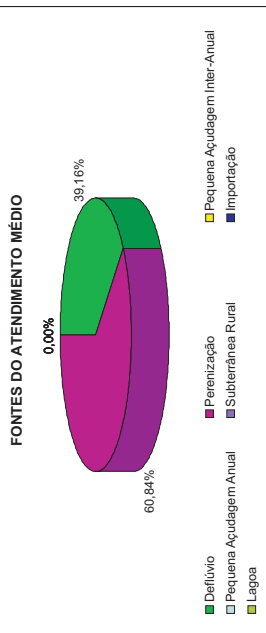




ARACOIABA - Área Potencialmente Irrigável Demanda de Irrigação MCH.ARC.15

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ⁶ m ³ /Semestre	% Demanda	x10 ⁶ m ³ /Semestre	% Demanda
0%	2177,28	100%	2177,28	100%
10%	2177,28	100%	2177,28	100%
20%	2177,28	100%	2177,28	100%
30%	2177,28	100%	2177,28	100%
40%	2177,28	100%	2177,28	100%
50%	2177,28	100%	2177,28	100%
60%	2177,28	100%	2177,28	100%
70%	2177,28	100%	2177,28	100%
80%	2177,28	100%	2177,28	100%
90%	2177,28	100%	2177,28	100%
100%	2177,28	100%	2177,28	100%
Atend. Médio	2177,28	100%	2177,28	100%
Freq. de Falha	2177,28	100%	2177,28	100%
Demanda	2.177,280	0,00%	2.177,280	0,00%
				140,00 l/s





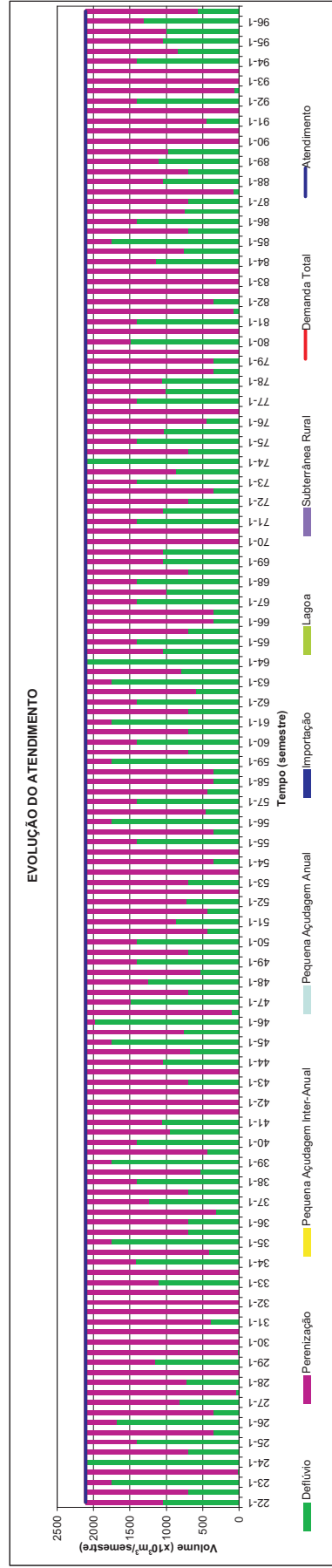
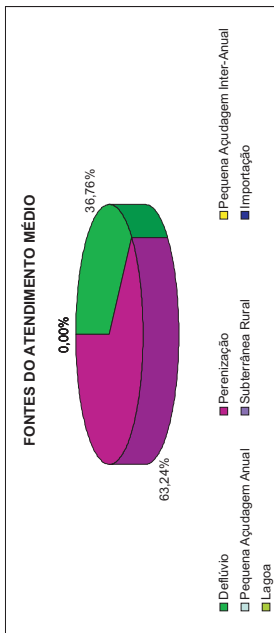
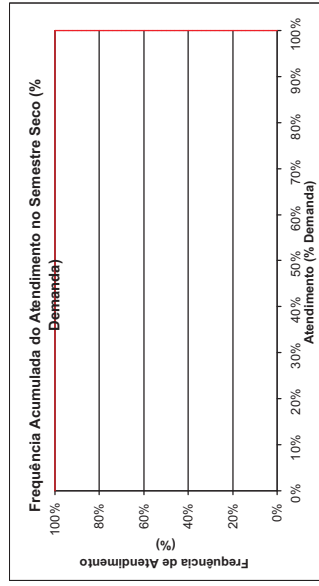
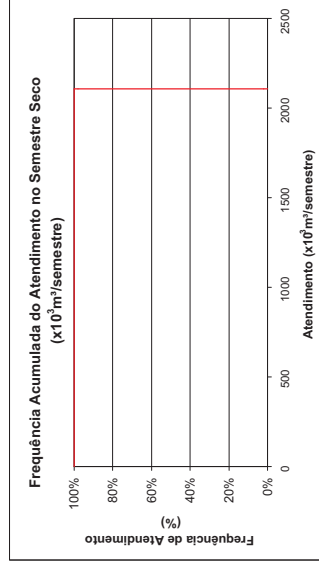
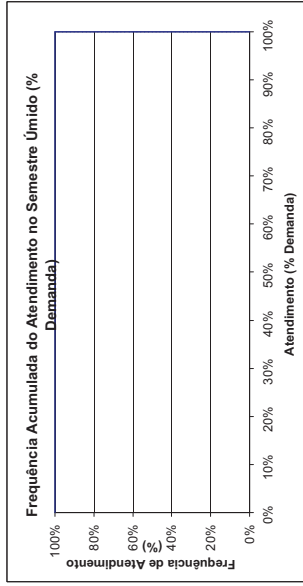
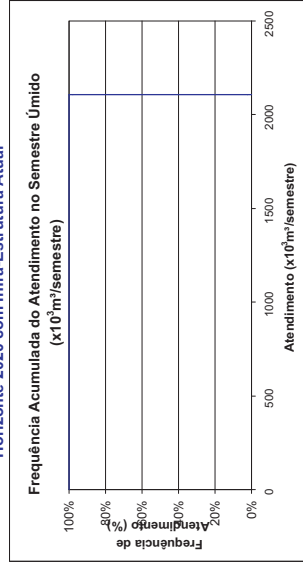
Plano de Gerenciamento das Águas das Bacias Metropolitanas



BARREIRA - Área Potencialmente Irrigável Demanda de Irrigação MCH.BAE.03

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	2107,296	100%	2107,296	100%
10%	2107,296	100%	2107,296	100%
20%	2107,296	100%	2107,296	100%
30%	2107,296	100%	2107,296	100%
40%	2107,296	100%	2107,296	100%
50%	2107,296	100%	2107,296	100%
60%	2107,296	100%	2107,296	100%
70%	2107,296	100%	2107,296	100%
80%	2107,296	100%	2107,296	100%
90%	2107,296	100%	2107,296	100%
100%	2107,296	100%	2107,296	100%
Atend. Médio	2107,296	100%	2107,296	100%
Freq. de Falha	0,00%		0,00%	
Demanda	2.107,296 x10³m³/semestre		135,50 l/s	

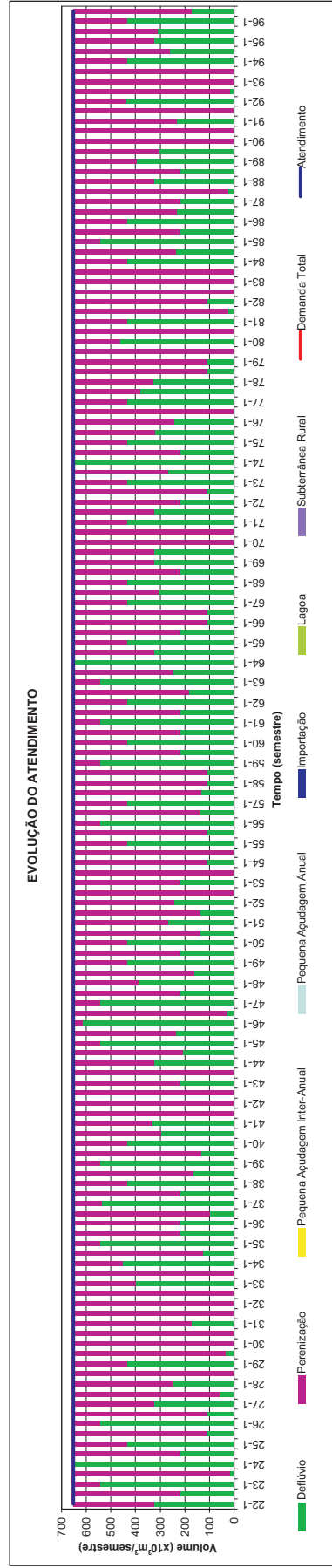
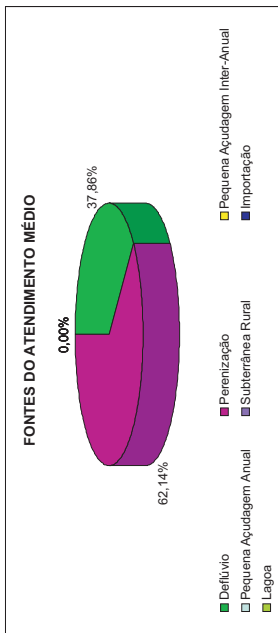
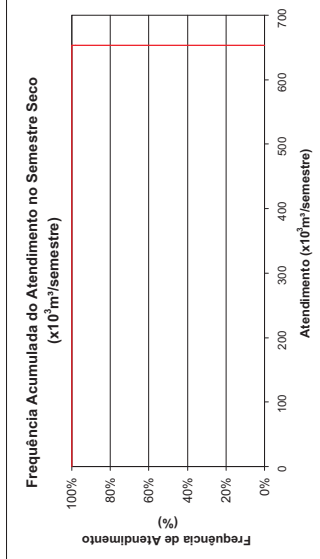
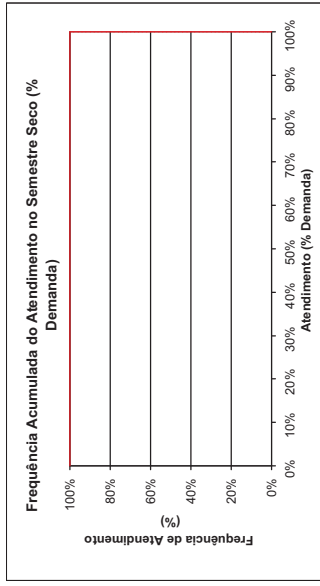
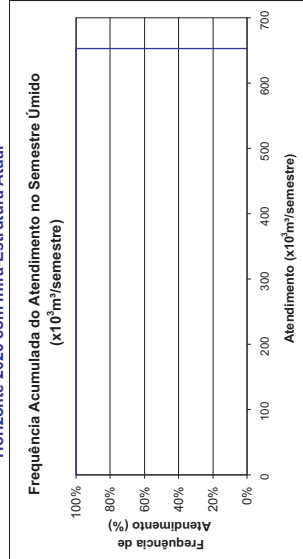
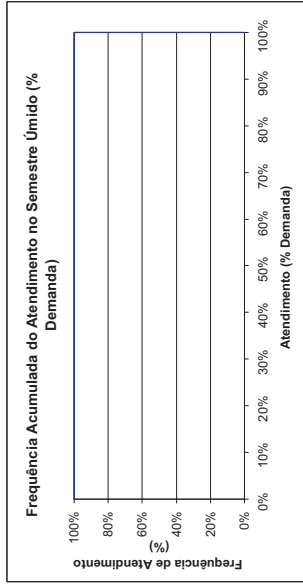




ARACOIABA - Área Potencialmente Irrigável Demanda de Irrigação MCH.ARC.16

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	653.184	100%	653.184	100%
10%	653.184	100%	653.184	100%
20%	653.184	100%	653.184	100%
30%	653.184	100%	653.184	100%
40%	653.184	100%	653.184	100%
50%	653.184	100%	653.184	100%
60%	653.184	100%	653.184	100%
70%	653.184	100%	653.184	100%
80%	653.184	100%	653.184	100%
90%	653.184	100%	653.184	100%
100%	653.184	100%	653.184	100%
Atend. Médio	653.184	100%	653.184	100%
Atend. Mínimo	653.184	100%	653.184	100%
Freq. de Falha	0,00%		0,00%	
Demanda	653.184 x10³m³/semestre		42,00 l/s	

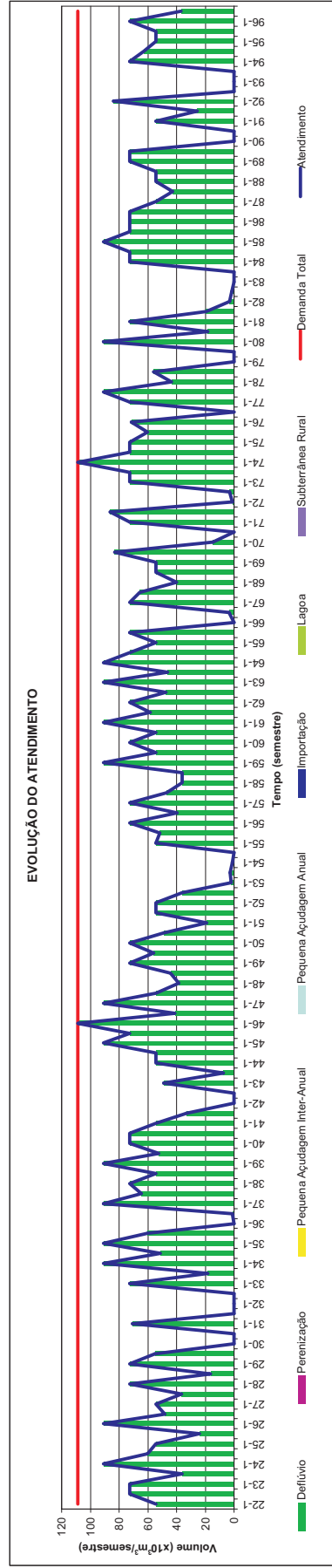
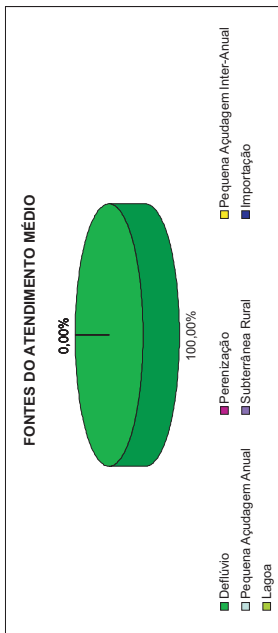
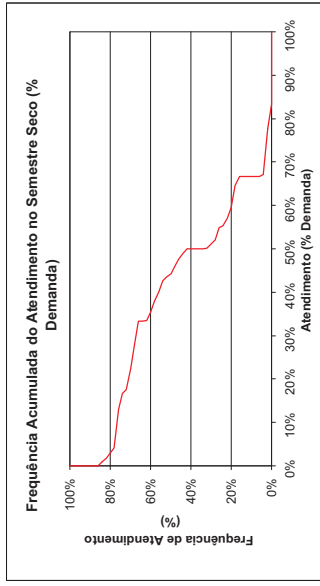
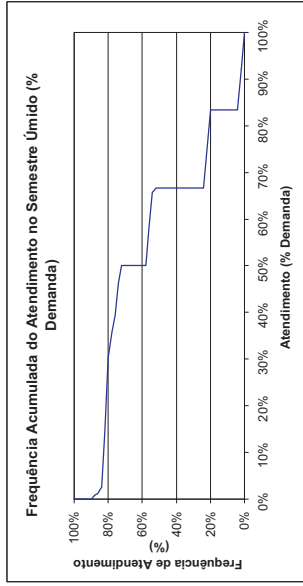
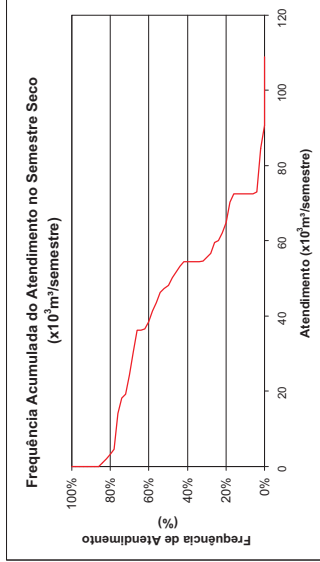
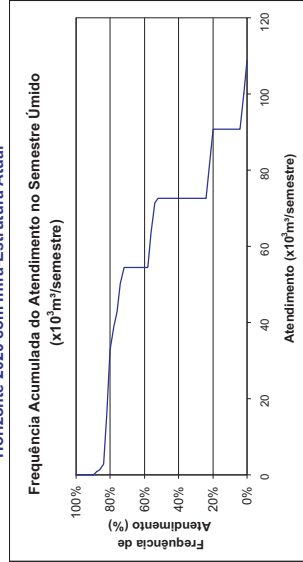


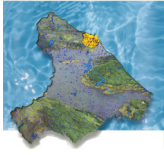


BARREIRA - Área Potencialmente Irrigável
Demanda de Irrigação
MCH.BAE.02

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	108.864	100%	90.72	83%
10%	90.72	83%	72.576	67%
20%	90.72	83%	64.859	60%
30%	90.72	67%	56.675	51%
40%	72.576	67%	54.432	50%
50%	72.576	67%	48.15	44%
60%	54.432	50%	38.474	35%
70%	54.432	50%	24.348	22%
80%	32.8176	30%	3.17	3%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Médio	72.576	67%	48.15	44%
Freq. de Falha	0	0%	0	0%
Demanda	108.864 x10³m³/semestre	100,00%	7,00 J/s	0%

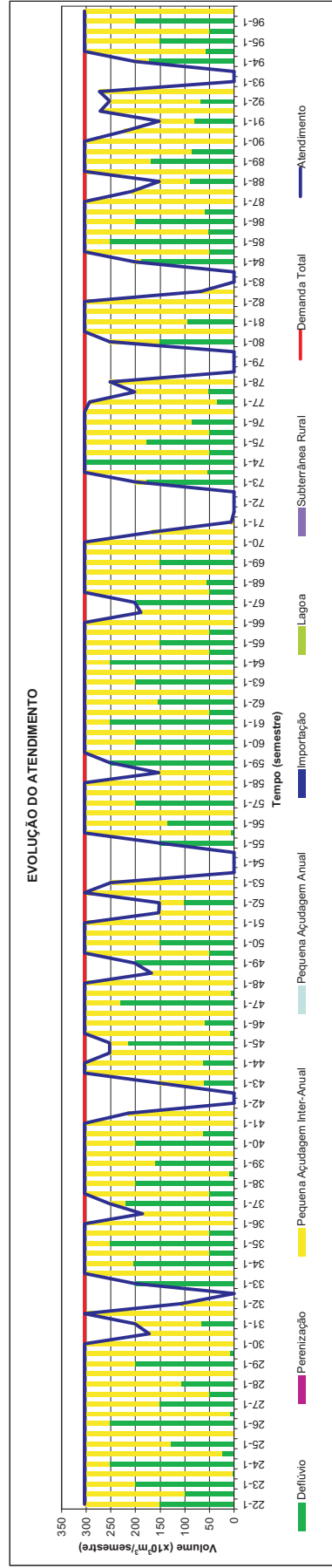
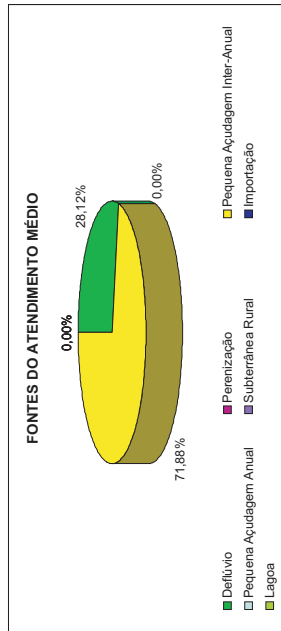
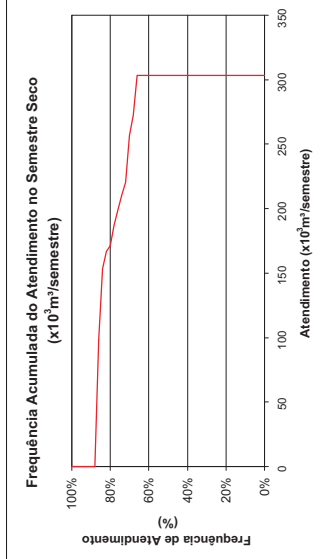
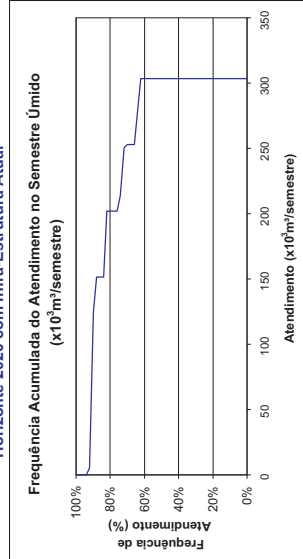
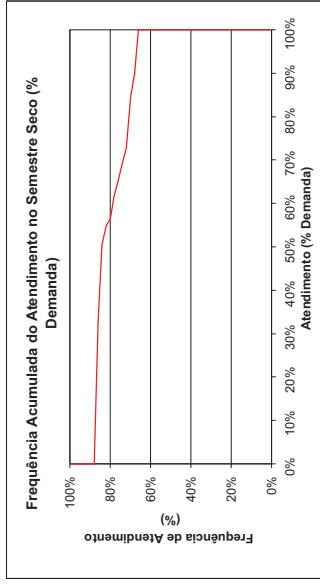
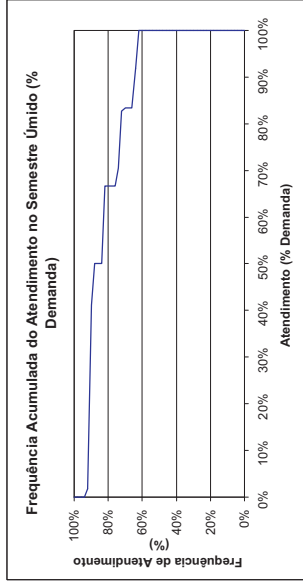




BARREIRA - Área Potencialmente Irrigável
Demanda de Irrigação
MCH.BAE.04

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	303,264	100%	303,264	100%
10%	303,264	100%	303,264	100%
20%	303,264	100%	303,264	100%
30%	303,264	100%	303,264	100%
40%	303,264	100%	303,264	100%
50%	303,264	100%	303,264	100%
60%	303,264	100%	303,264	100%
70%	252,72	83%	256,7672	85%
80%	202,176	67%	171,0362	56%
90%	124,6248	41%	0	0%
100%	0	0%	0	0%
Atend. Médio	303,264	100%	303,264	100%
Atend. Mínimo	0	0%	0	0%
Freq. de Falha	37,35%		33,33%	
Demanda	303,264 x10³m³/semestre		19,50 l/s	

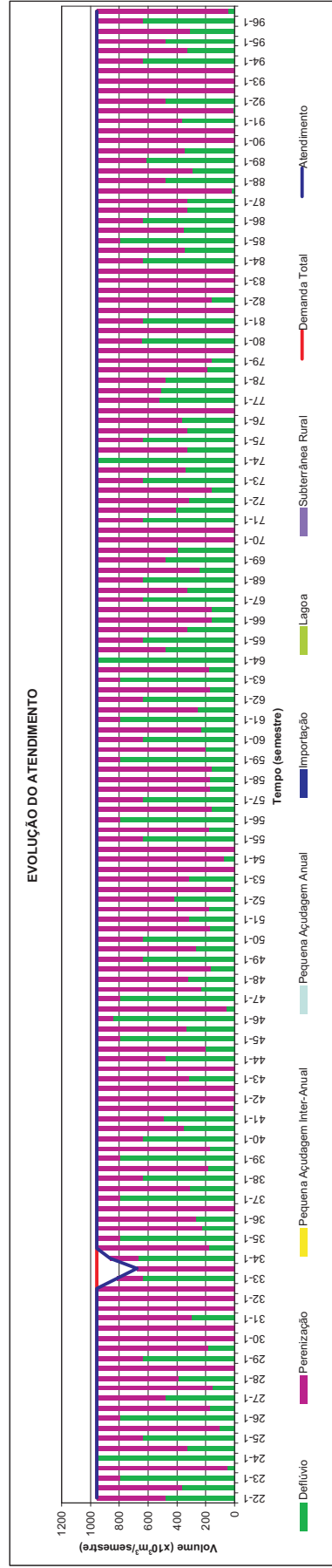
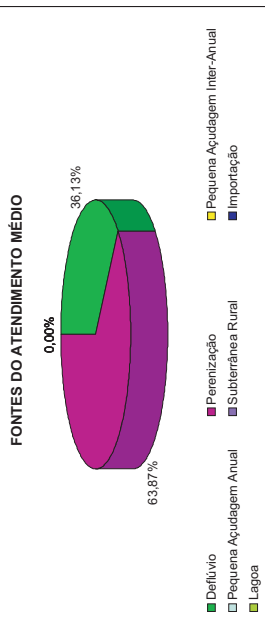
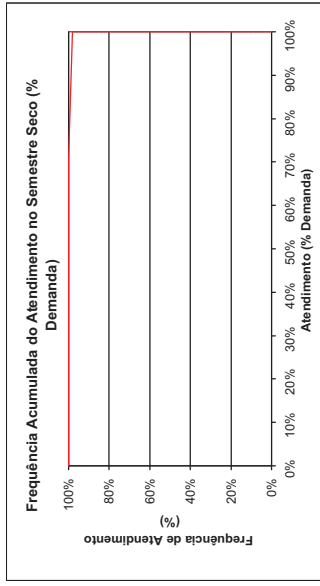
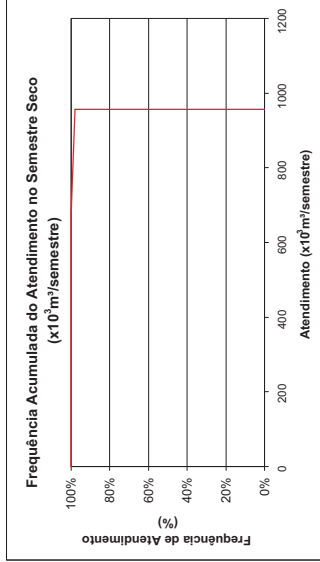
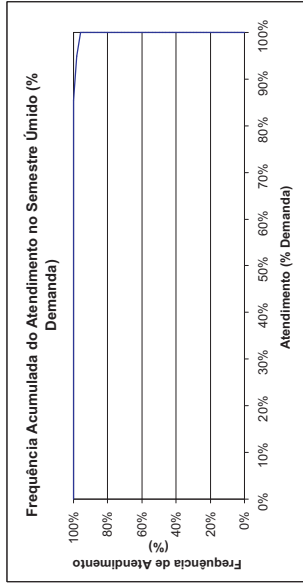
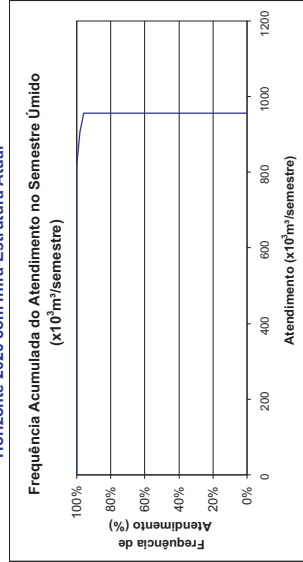




ARACOIABA - Área Potencialmente Irrigável Demanda de Irrigação MCH.ARC.17

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	956,448	100%	956,448	100%
10%	956,448	100%	956,448	100%
20%	956,448	100%	956,448	100%
30%	956,448	100%	956,448	100%
40%	956,448	100%	956,448	100%
50%	956,448	100%	956,448	100%
60%	956,448	100%	956,448	100%
70%	956,448	100%	956,448	100%
80%	956,448	100%	956,448	100%
90%	956,448	100%	956,448	100%
100%	817,828	86%	679,322	71%
Atend. Médio	956,448	100%	956,448	100%
Freq. de Falha	817,828	2,67%	679,322	1,33%
Demanda	956,448 x10³m³/semestre		61,50 l/s	

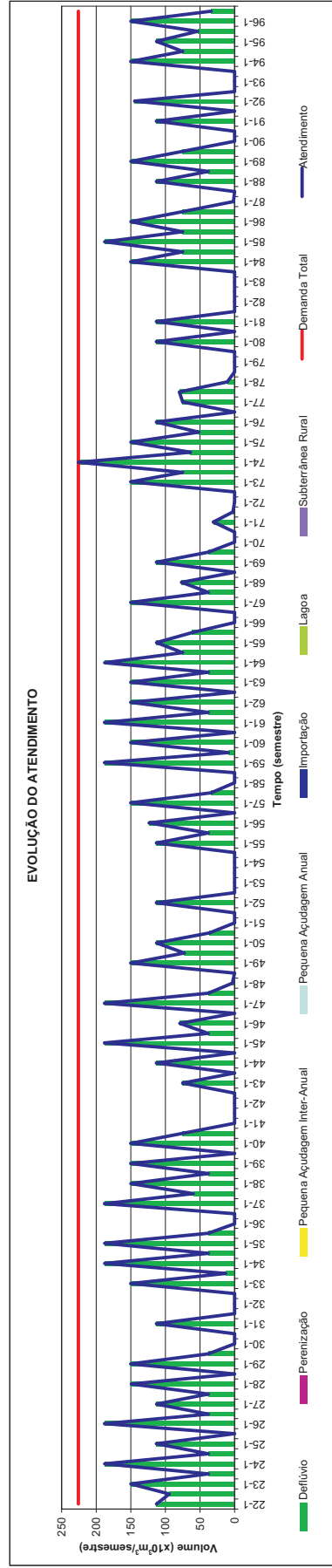
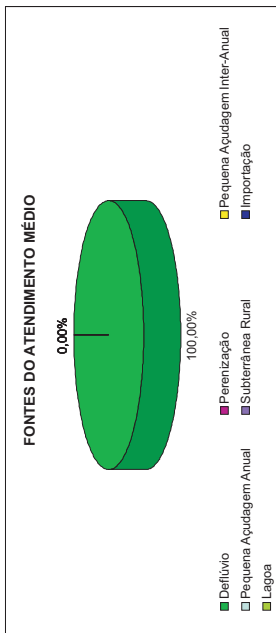
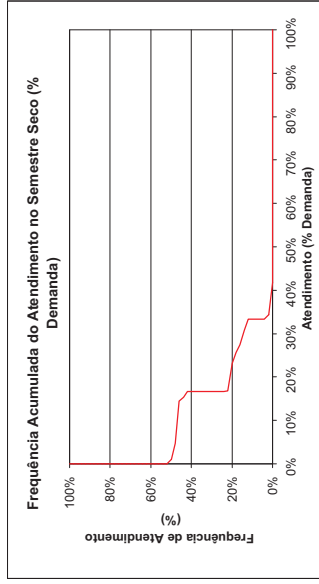
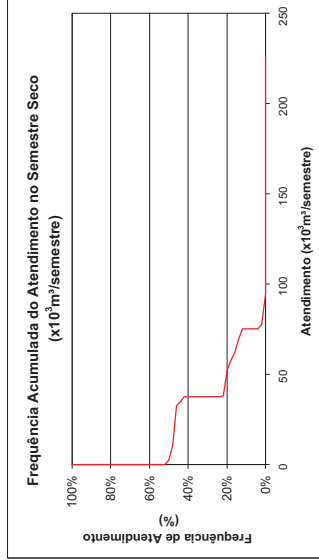
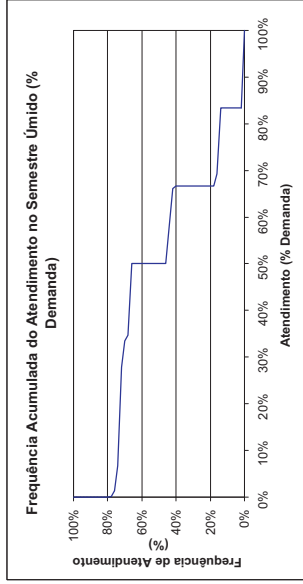
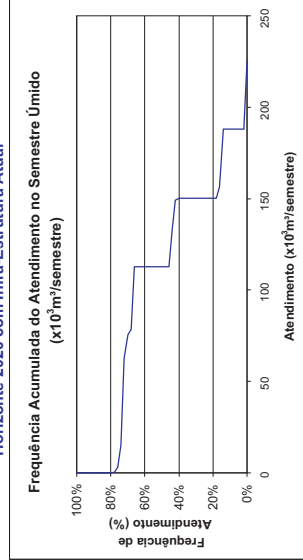




ARACOIABA - Área Potencialmente Irrigável Demanda de Irrigação MCH.ARC.19

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	225.504	100%	94.268	42%
10%	187.92	83%	75.168	33%
20%	150.336	67%	52.189	23%
30%	150.336	67%	37.584	17%
40%	150.336	67%	37.584	17%
50%	112.752	50%	2.37	1%
60%	112.752	50%	0	0%
70%	75.4966	33%	0	0%
80%	0	0%	0	0%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Médio	112.752	50%	2.37	1%
Freq. de Falha	0	0%	0	0%
Demanda	225.504 x10³m³/semestre	100,00%	14.50 l/s	100,00%

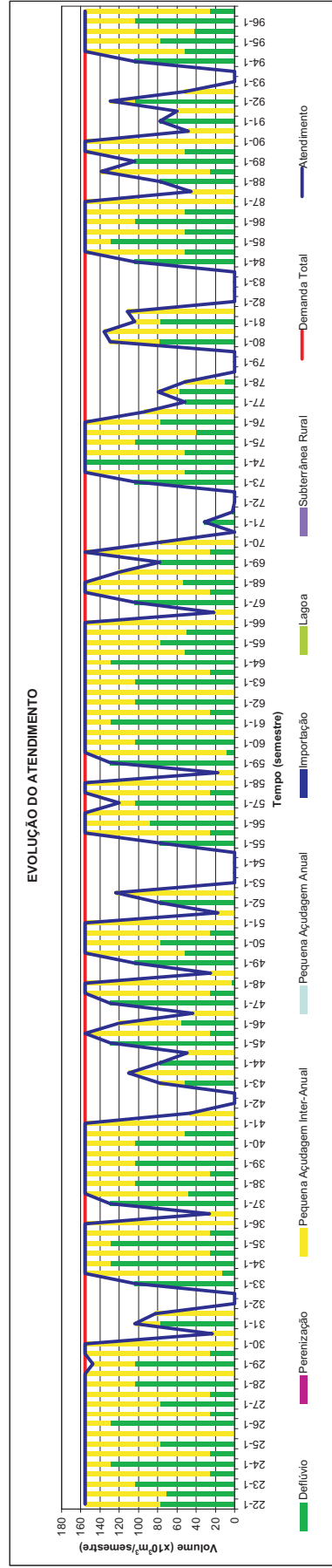
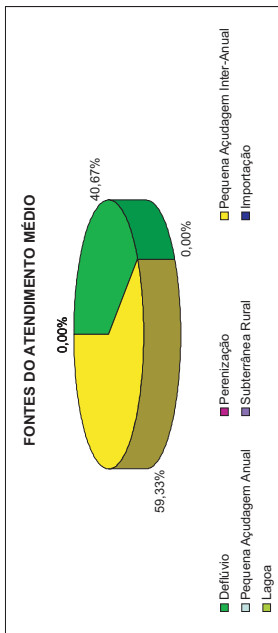
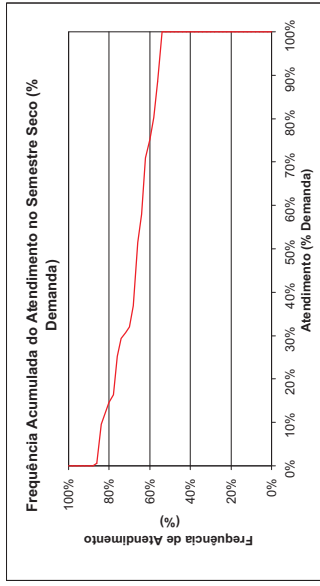
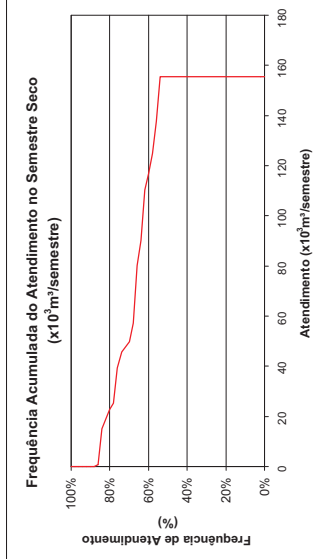
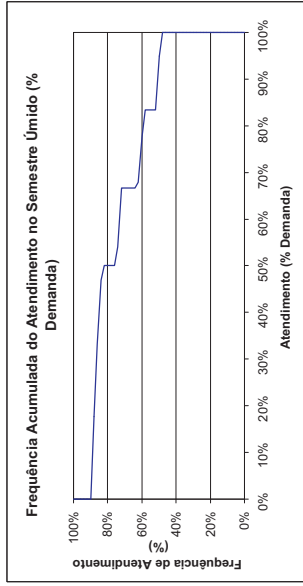
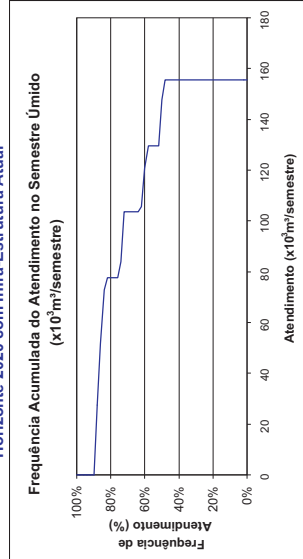




OCARA - Área Potencialmente Irrigável
Demanda de Irrigação
MCH.OCA.04

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	155,52	100%	155,52	100%
10%	155,52	100%	155,52	100%
20%	155,52	100%	155,52	100%
30%	155,52	100%	155,52	100%
40%	155,52	100%	155,52	100%
50%	147,726	95%	155,52	100%
60%	120,677	78%	116,9442	75%
70%	103,68	67%	49,6832	32%
80%	77,76	50%	22,7612	15%
90%	0	0%	0	0%
100%	0	0%	0	0%
Atend. Médio	147,726	95%	155,52	100%
Freq. de Falha	0	0%	0	0%
Demanda	155,520 x10³m³/semestre		45,33%	
			10,00 /is	





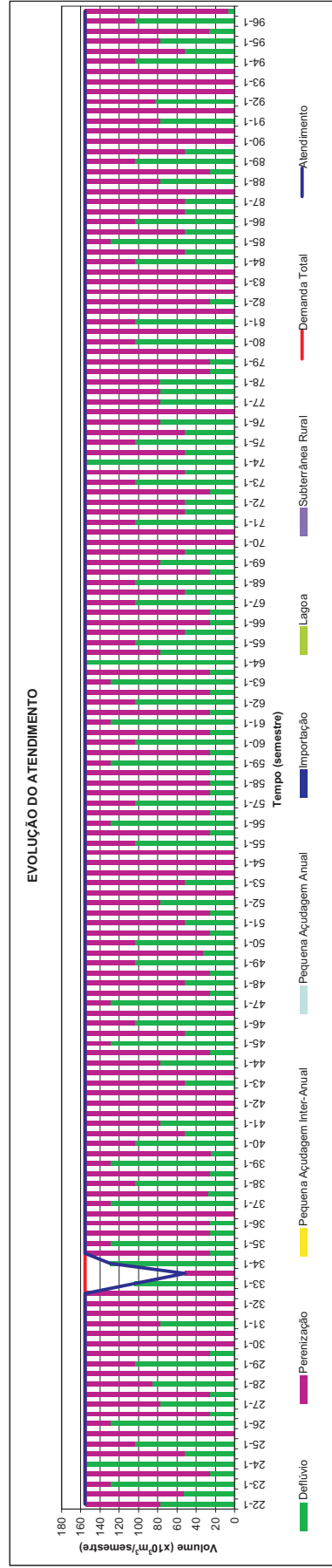
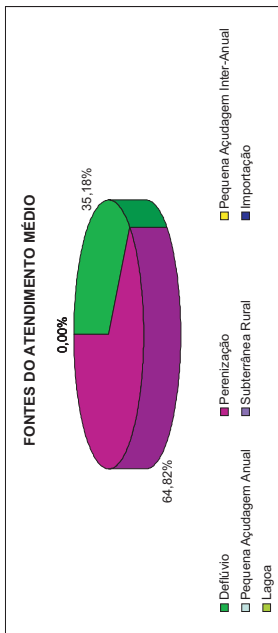
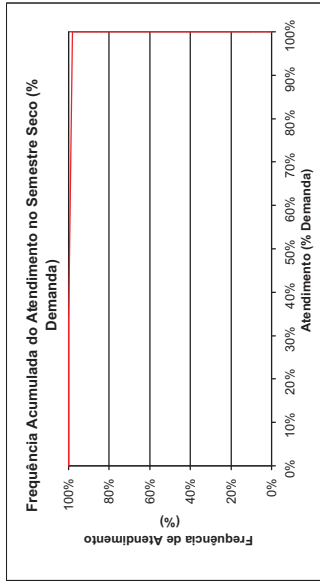
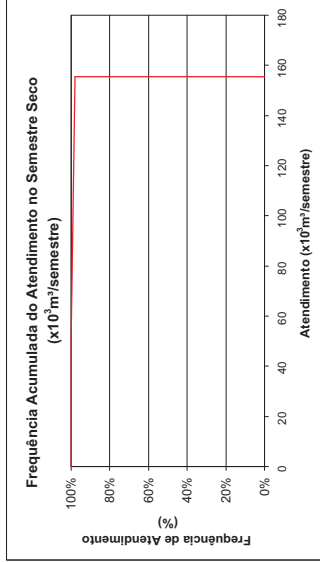
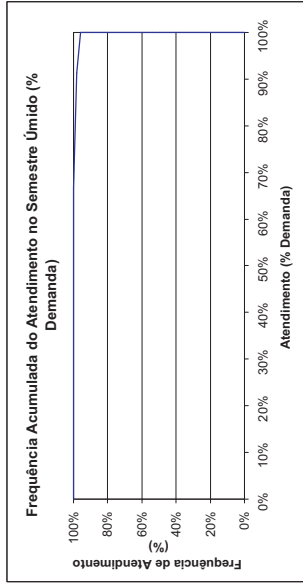
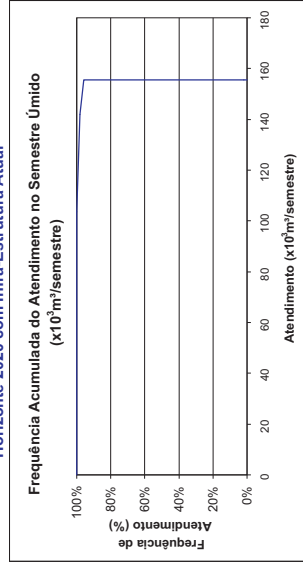
OCARA - Área Potencialmente Irrigável

Demanda de Irrigação

MCH.OCA.05

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	155,52	100%	155,52	100%
10%	155,52	100%	155,52	100%
20%	155,52	100%	155,52	100%
30%	155,52	100%	155,52	100%
40%	155,52	100%	155,52	100%
50%	155,52	100%	155,52	100%
60%	155,52	100%	155,52	100%
70%	155,52	100%	155,52	100%
80%	155,52	100%	155,52	100%
90%	155,52	100%	155,52	100%
100%	103,68	67%	51,84	33%
Atend. Médio	155,52	100%	155,52	100%
Atend. Mínimo	103,68	67%	51,84	33%
Freq. de Falha	2,67%		1,33%	
Demanda	155,520 x10³m³/semestre		10,00 l/s	

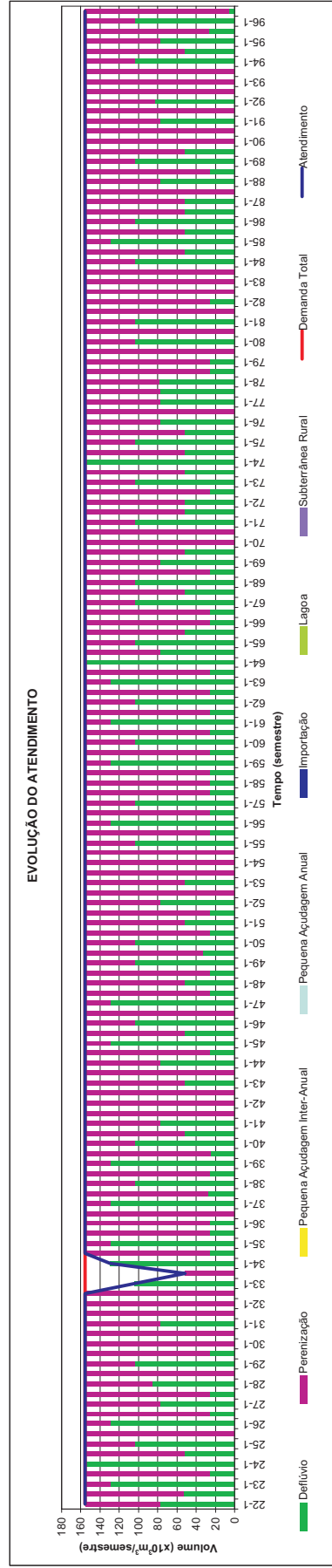
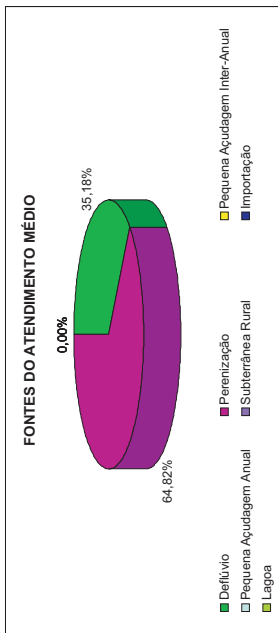
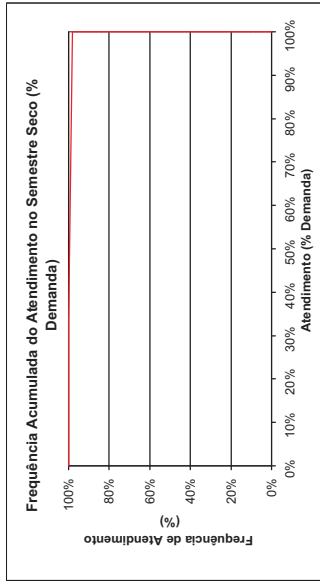
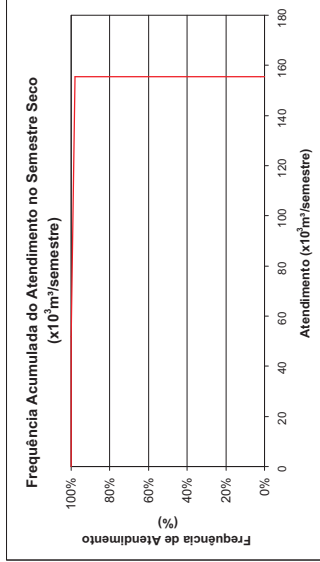
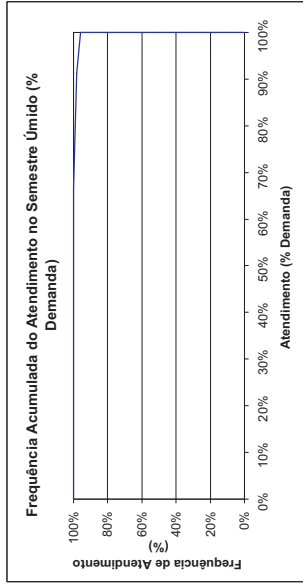
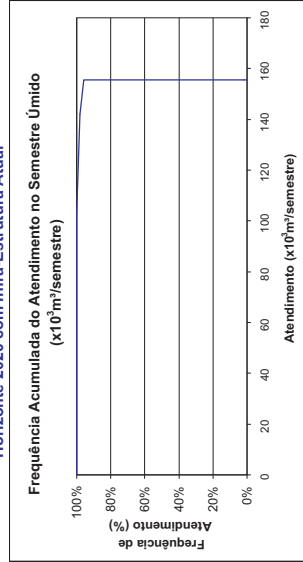




BARREIRA - Área Potencialmente Irrigável
Demanda de Irrigação
MCH.BAE.08

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	155,52	100%	155,52	100%
10%	155,52	100%	155,52	100%
20%	155,52	100%	155,52	100%
30%	155,52	100%	155,52	100%
40%	155,52	100%	155,52	100%
50%	155,52	100%	155,52	100%
60%	155,52	100%	155,52	100%
70%	155,52	100%	155,52	100%
80%	155,52	100%	155,52	100%
90%	155,52	100%	155,52	100%
100%	103,68	67%	51,84	33%
Atend. Médio	155,52	100%	155,52	100%
Atend. Mínimo	103,68	67%	51,84	33%
Freq. de Falha	2,67%		1,33%	
Demanda	155,520 x10³m³/semestre		10,00 l/s	

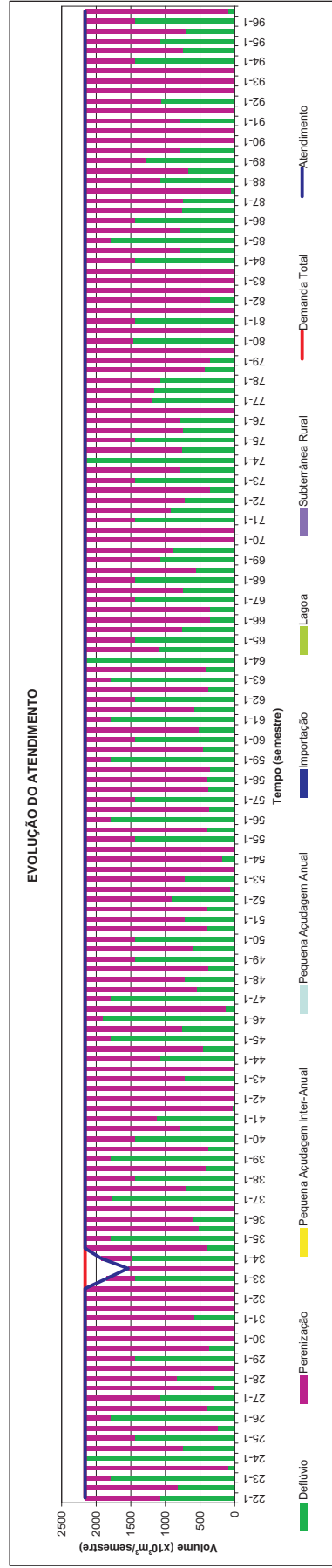
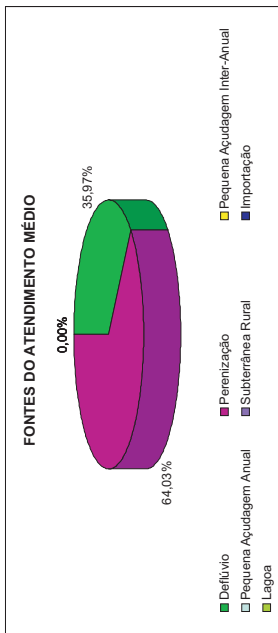
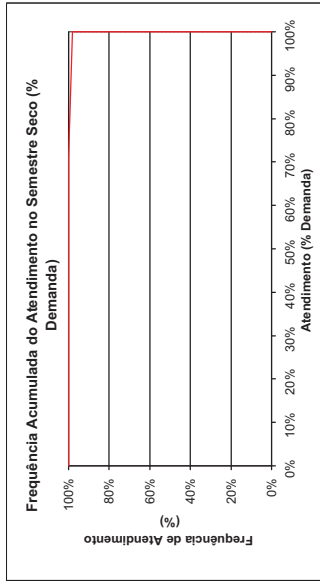
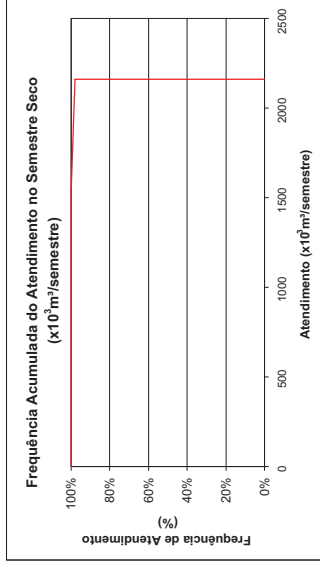
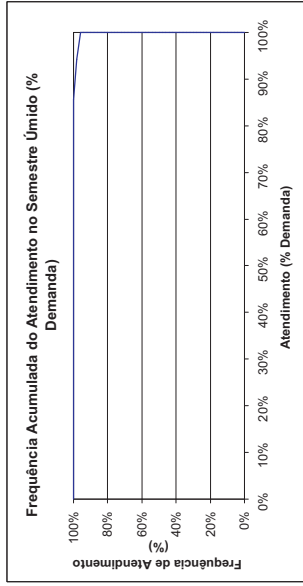
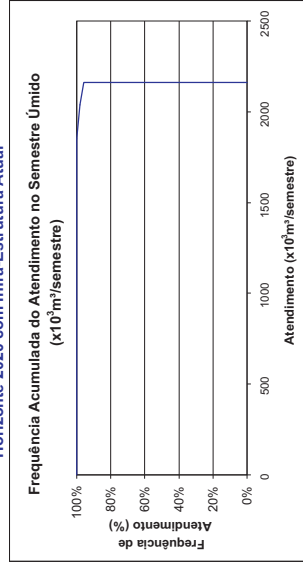


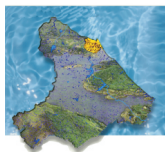


BARREIRA - Área Potencialmente Irrigável
Demanda de Irrigação
MCH.BAE.05

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	2161,728	100%	2161,728	100%
10%	2161,728	100%	2161,728	100%
20%	2161,728	100%	2161,728	100%
30%	2161,728	100%	2161,728	100%
40%	2161,728	100%	2161,728	100%
50%	2161,728	100%	2161,728	100%
60%	2161,728	100%	2161,728	100%
70%	2161,728	100%	2161,728	100%
80%	2161,728	100%	2161,728	100%
90%	2161,728	100%	2161,728	100%
100%	1850,414	86%	1540,115	71%
Atend. Médio	2161,728	100%	2161,728	100%
Atend. Mínimo	1850,414	86%	1540,115	71%
Freq. de Falha	2,67%		1,33%	
Demanda	2.161,728 x10³m³/semestre		139,00 l/s	





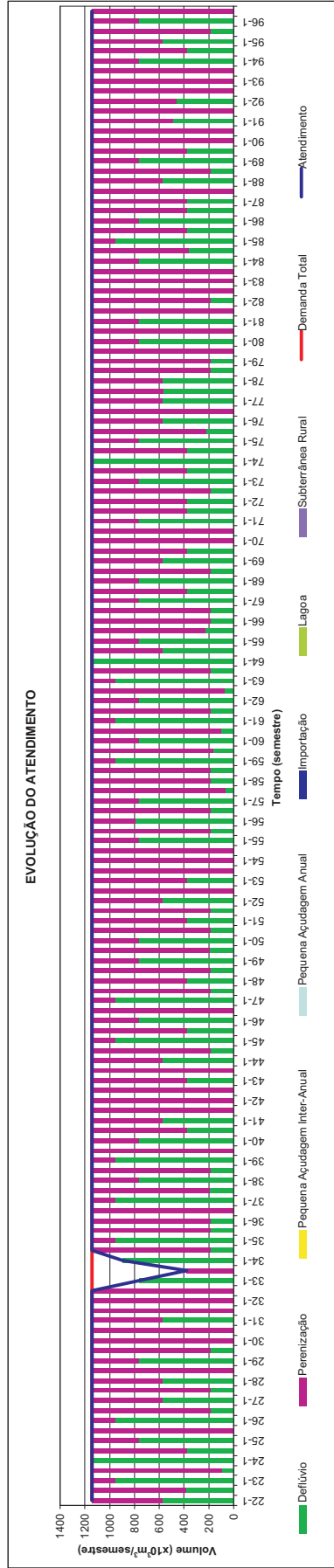
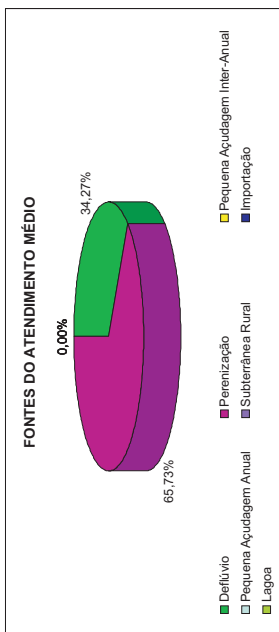
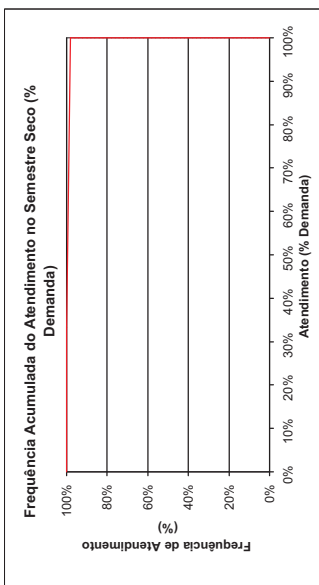
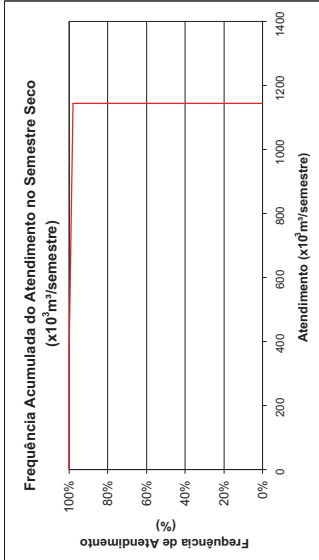
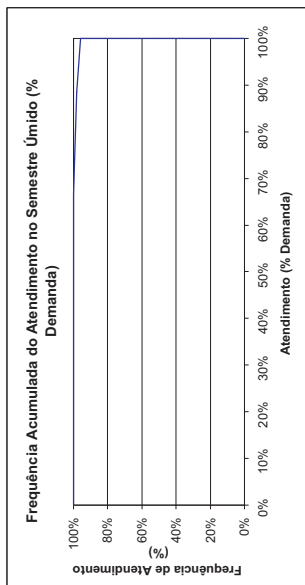
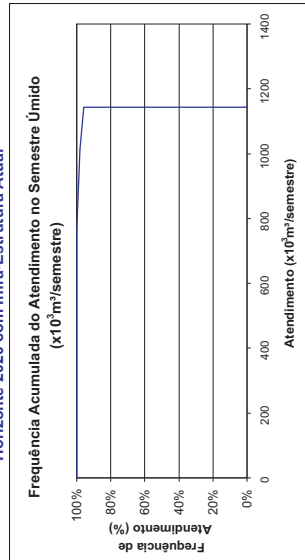
CHOROZINHO - Área Potencialmente Irrigável

Demanda de Irrigação

MCH.CHO.04

Horizonte 2020 com Infra-Estrutura Atual

FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	1143,072	100%	1143,072	100%
10%	1143,072	100%	1143,072	100%
20%	1143,072	100%	1143,072	100%
30%	1143,072	100%	1143,072	100%
40%	1143,072	100%	1143,072	100%
50%	1143,072	100%	1143,072	100%
60%	1143,072	100%	1143,072	100%
70%	1143,072	100%	1143,072	100%
80%	1143,072	100%	1143,072	100%
90%	1143,072	100%	1143,072	100%
100%	762,048	67%	381,024	33%
Atend. Médio	1143,072	100%	1143,072	100%
Freq. de Falha	762,048	67%	381,024	33%
Demanda	1.143,072 x10 ³ m ³ /semestre		73,50 l/s	

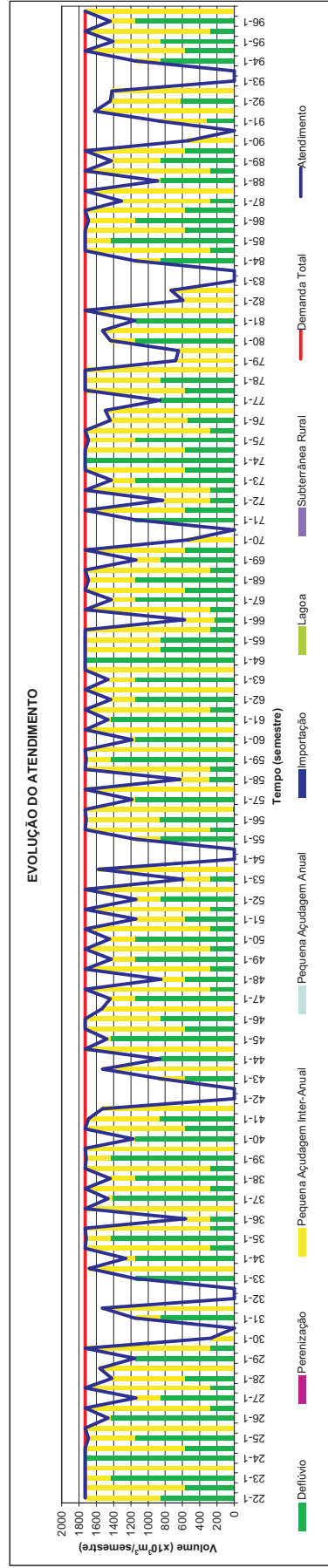
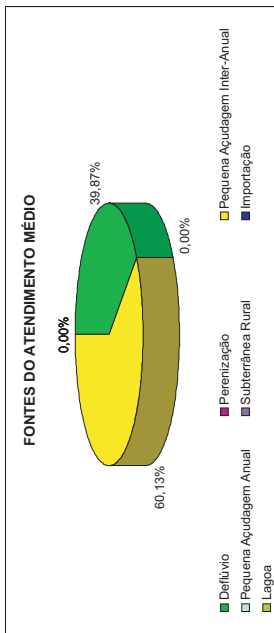
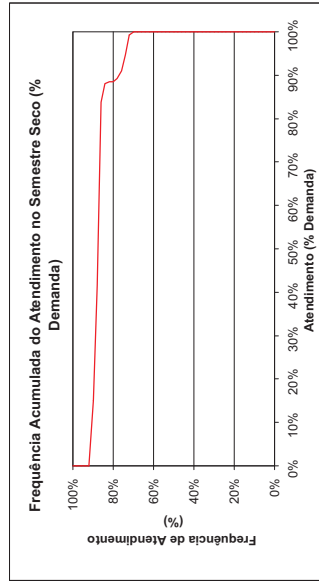
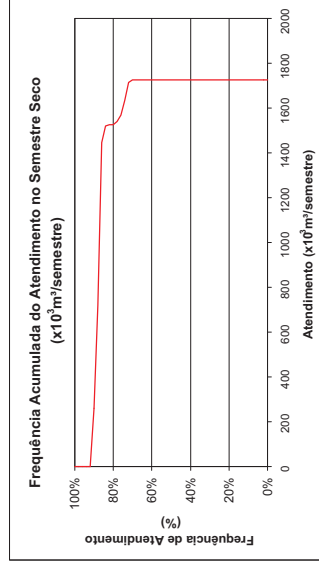
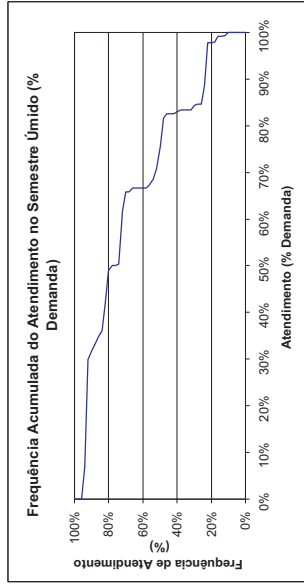
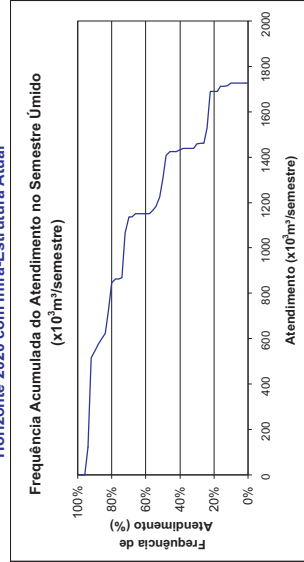




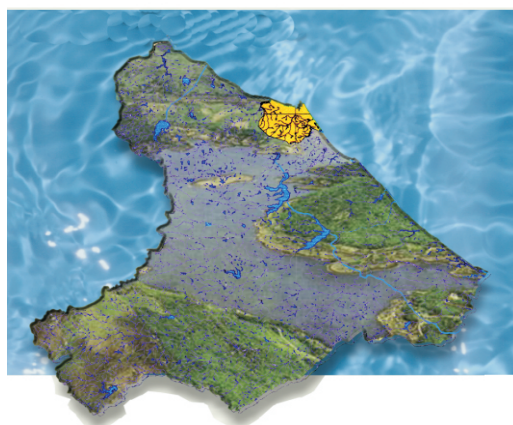
CHOROZINHO - Área Potencialmente Irrigável Demanda de Irrigação MCH.CHO.05

Horizonte 2020 com Infra-Estrutura Atual

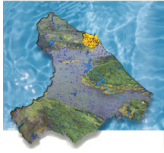
FREQUÊNCIA DE ATENDIMENTO	1º SEMESTRE		2º SEMESTRE	
	x10 ³ m ³ /Semestre	% Demanda	x10 ³ m ³ /Semestre	% Demanda
0%	1726,272	100%	1726,272	100%
10%	1726,272	100%	1726,272	100%
20%	1688,6534	98%	1726,272	100%
30%	1690,15184	84%	1726,272	100%
40%	1432,2576	83%	1726,272	100%
50%	1305,526	76%	1726,272	100%
60%	1150,848	67%	1726,272	100%
70%	1137,645	66%	1726,272	100%
80%	846,4498	49%	1526,48	88%
90%	548,5294	32%	259,1136	15%
100%	0	0%	0	0%
Atend. Médio	1305,526	76%	1726,272	100%
Atend. Mínimo	0	0%	0	0%
Freq. de Falha	88,00%		28,00%	
Demanda	1.726,272 x10³m³/semestre		111,00 /is	



PLANO DE GERENCIAMENTO DAS ÁGUAS DAS BACIAS METROPOLITANAS



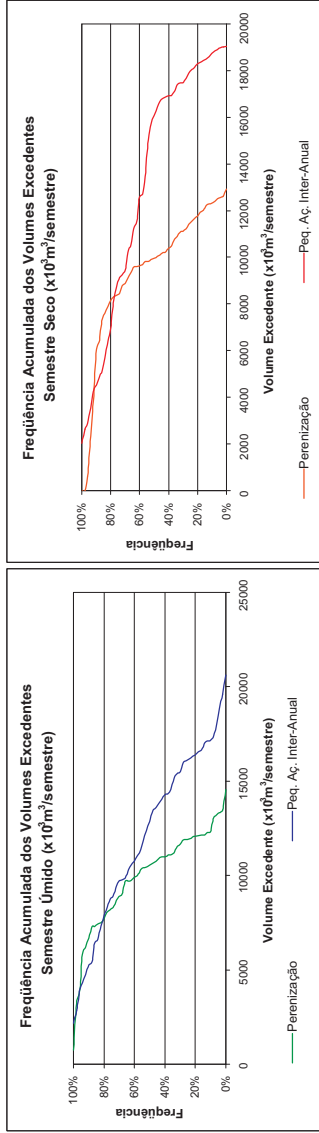
ANEXO II.7
CONSOLIDAÇÃO POR MUNICÍPIO DOS RESULTADOS
DO BALANÇO HÍDRICO DISTRIBUÍDO



Acarape

Consolidação dos Resultados do Balanço Hídrico Distribuído por Município

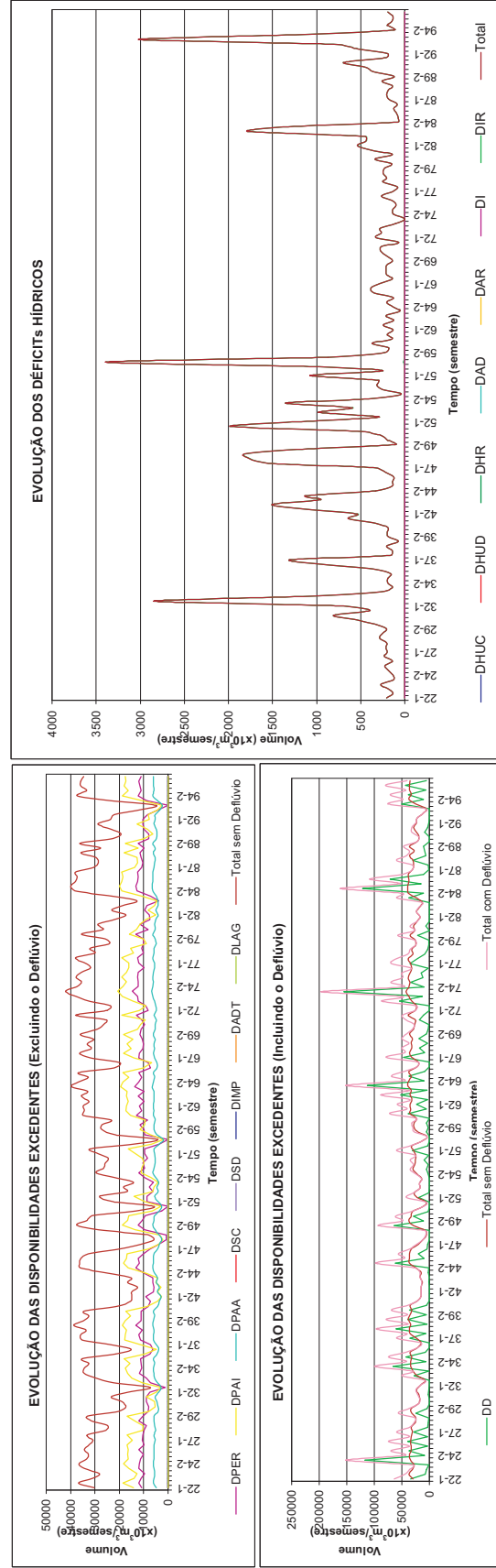
Horizonte 2020 com Infra-Estrutura Atual

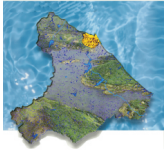


DEMANDA	Deficit Médio		Deficit Máximo		Deficit Médio (% Demanda)
	(x10 ⁶ m ³ /Semestre)	(x10 ⁶ m ³ /Semestre)	(x10 ⁶ m ³ /Semestre)	(x10 ⁶ m ³ /Semestre)	
DHUC	0	0	0	0	0,00
DHUD	0	0	0	0	0,00
DHUR	1	10	0,84	12,77	8,18
DAR	0	3	0,83	9,18	9,18
DI	0	0	0,00	0,00	0,00
DIR	449	3.392	7,80	58,74	58,74
Total	450	3.392	7,31	55,07	55,07

Disponibilidades	Vol. Excedente com 90% garantia		Vol. Excedente Máximo	
	Mínimo	Médio	Mínimo	Máximo
DD	0	5,207	154,801	14,531
DPER	0	6,275	10,208	20,539
DPAI	2,035	4,776	13,804	6,630
DPAA	1,977	3,857	5,590	0
DSU	0	0	0	0
DSR	219	223	223	223
DIMP	0	0	0	0
DADT	0	0	0	0
DLAG	0	0	0	0
Total	4,236	15,156	36,425	197,007

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- DHUR: Demanda Humana Rural
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- DPER: Disponibilidade de Perenização
- DPAI: Disponibilidade da Pequena Aqüedagem Inter-Anual
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- DSR: Disponibilidade Subterrânea Rural
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- DADT: Disponibilidade de Adutora
- DLAG: Disponibilidade de Lagoa

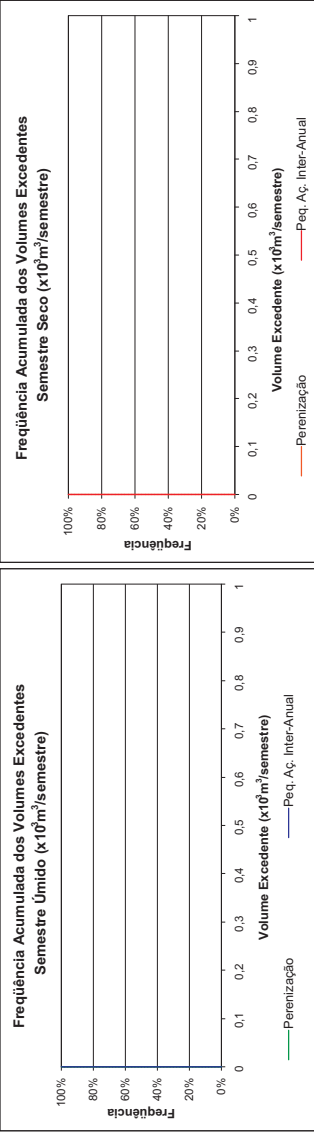




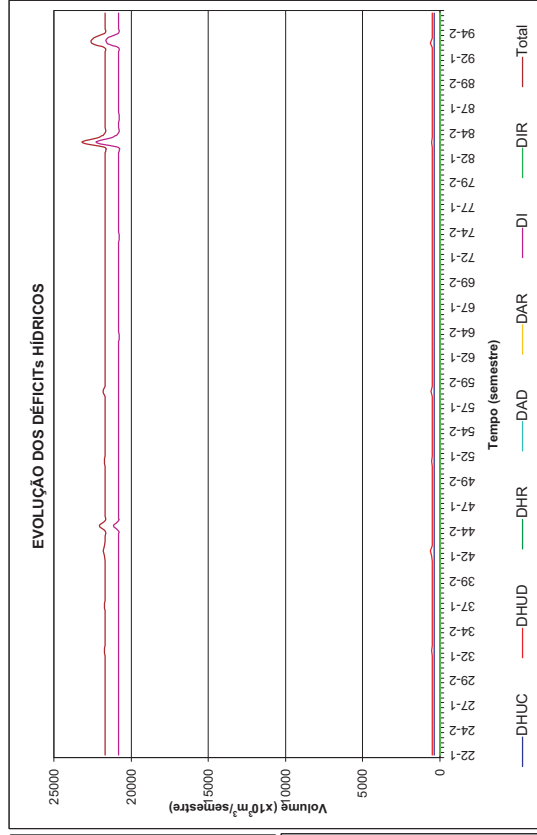
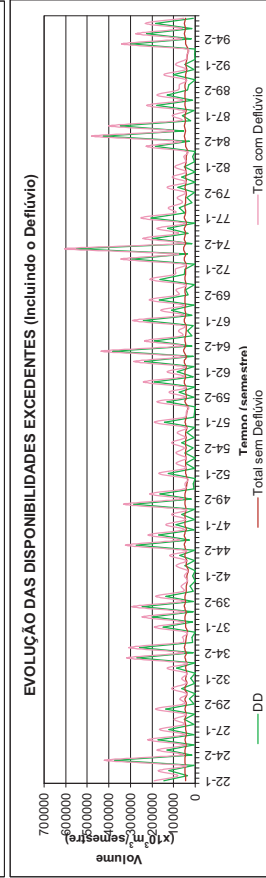
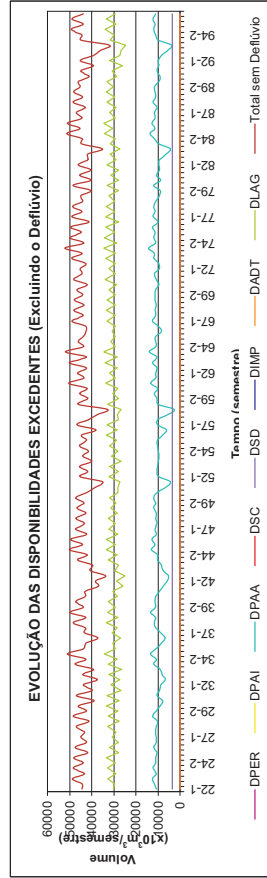
Aquiraz Consolidação dos Resultados do Balanço Hídrico Distribuído por Município Horizonte 2020 com Infra-Estrutura Atual

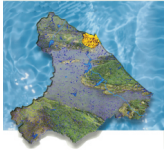
DEMANDA	Estadísticas das Demandas		Deficit Médio (% Demanda)	Deficit Máximo
	Deficit Médio (x10 ⁶ m ³ /semestre)	Deficit Máximo (x10 ⁶ m ³ /semestre)		
DHUC	388	388	56,58	56,58
DHUD	484	640	37,96	49,11
DHUR	0	0	0,00	0,00
DAR	0	1	0,15	1,53
DI	20,627	22,278	84,35	90,22
DIR	0	0	0,00	0,00
Total	21.709	23.186	76,38	81,58

Disponibilidades	Estadísticas das Disponibilidades Excedentes (x10 ⁶ m ³ /semestre)		Vol. Excedente Médio	Vol. Excedente Máximo
	Vol. Excedente Mínimo	Vol. Excedente com 90% garantia		
DD	45	1.810	25,913	52,813
DPER	0	0	0	0
DPAI	0	0	0	0
DPAA	2.474	7.760	10,722	14,107
DSU	0	0	0	0
DSR	3.524	3.532	3,534	3,535
DIMP	0	0	0	0
DADT	0	0	0	0
DLAG	24.509	27.566	28,600	34,506
Total	31.919	41.426	71,131	604,836

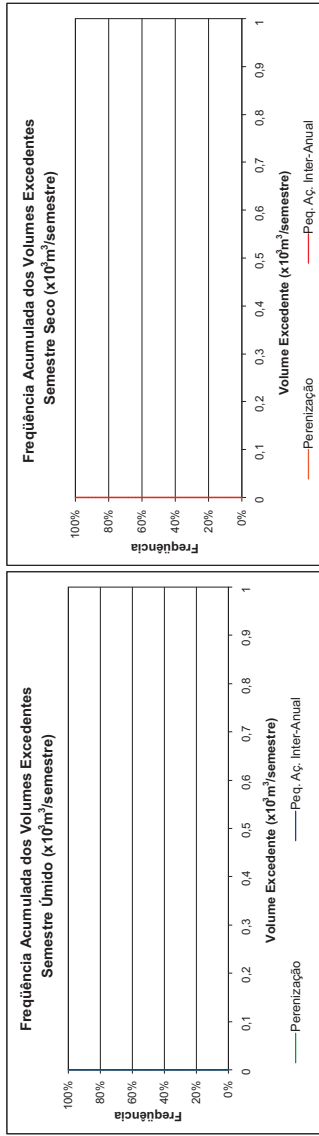


DHUC: Demanda Humana Concentrada
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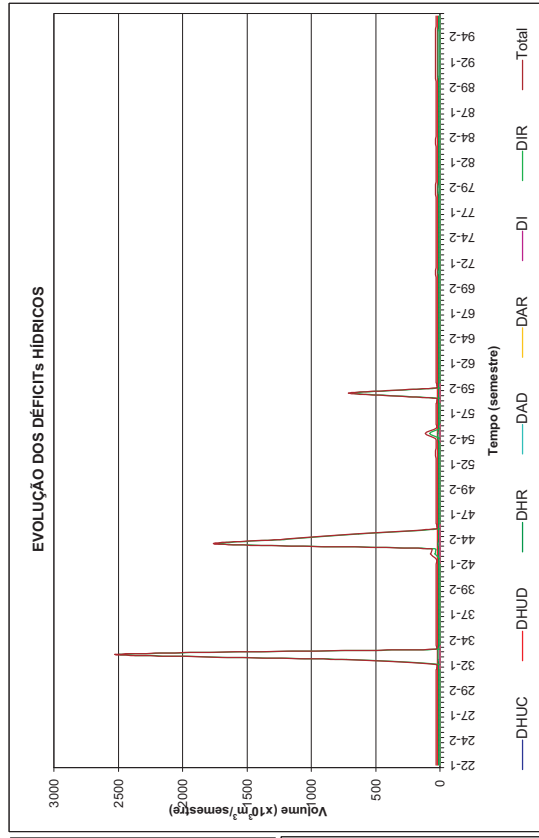
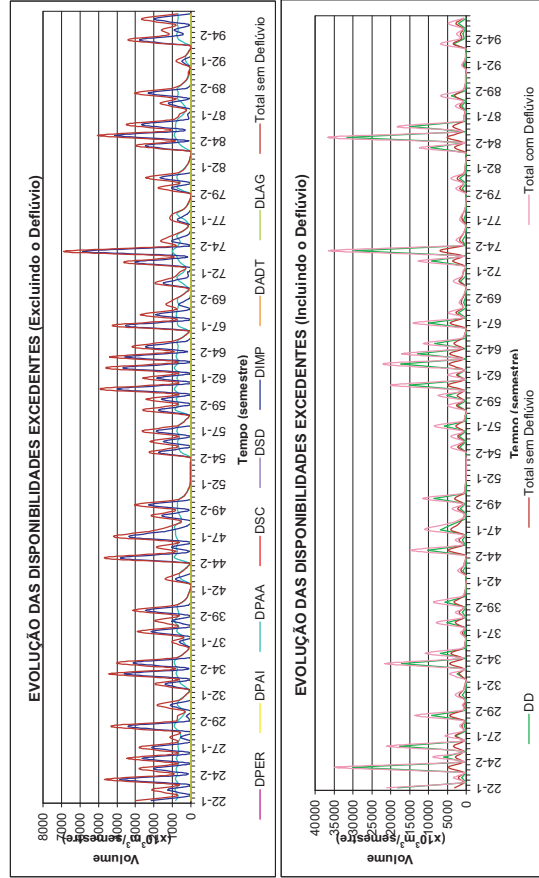
Aracati Consolidação dos Resultados do Balanço Hídrico Distribuído por Município Horizonte 2020 com Infra-Estrutura Atual

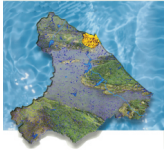


Estatísticas das Demandas			
DEMANDA	Déficit Médio (x10 ³ m ³ /Semestre)	Déficit Máximo (x10 ³ m ³ /Semestre)	Déficit Médio (% Demanda)
DHUC	0	0	0,00
DHUD	20	100,00	100,00
DHUR	11	15	43,36
DAR	0	2,72	55,56
DI	0	0,00	0,00
DIR	50	2,487	0,74
Total	82	2,522	1,19

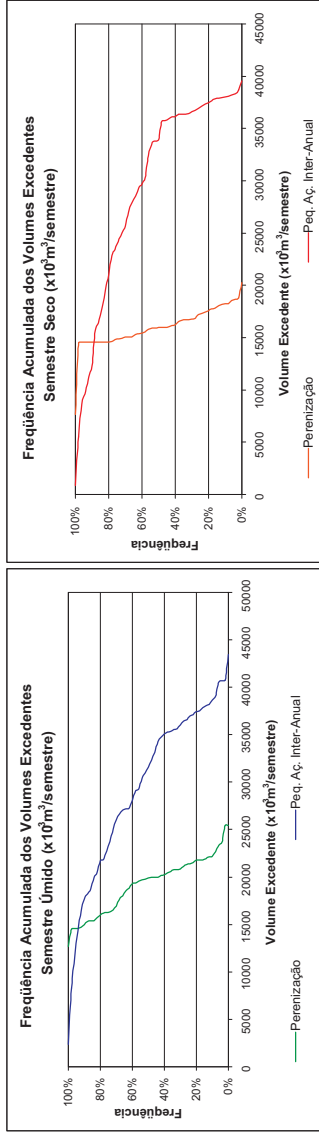
Estatísticas das Disponibilidades Excedentes (x10 ³ m ³ /Semestre)			
Disponibilidades	Vol. Excedente Mínimo	Vol. Excedente com 90% garantia	Vol. Excedente Máximo
DD	0	0	31,491
DPER	0	0	0
DPAI	0	0	0
DPAA	0	87	1,011
DSU	0	0	0
DSR	16	16	16
DIMP	1	3	5,654
DADT	0	0	0
DLAG	0	0	0
Total	19	115	36,533

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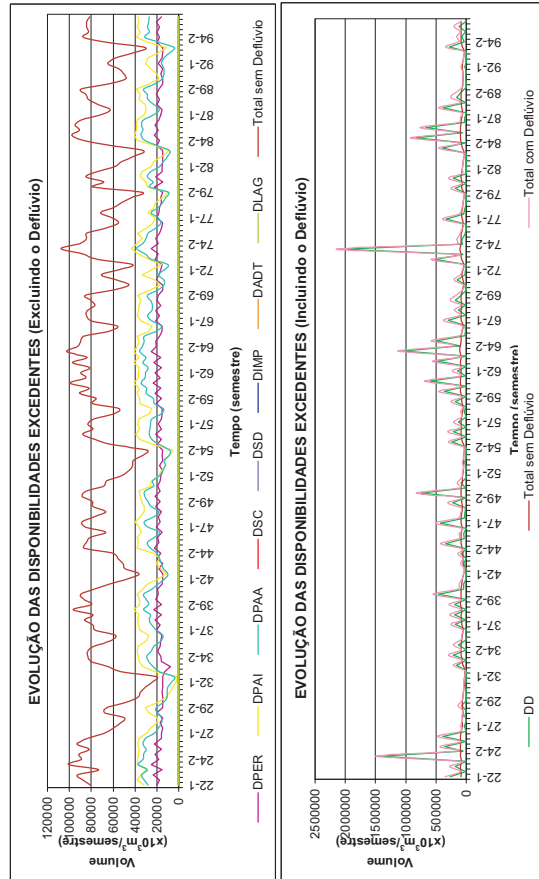
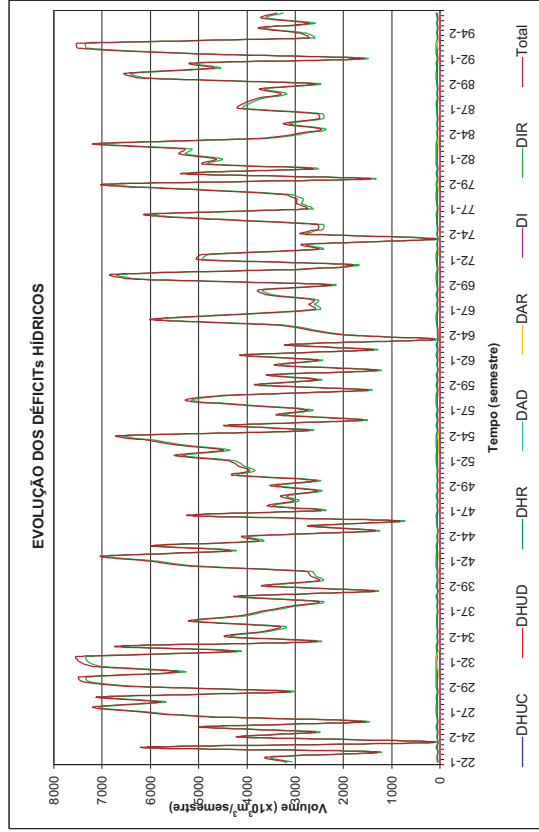
Aracoiaba Consolidação dos Resultados do Balanço Hídrico Distribuído por Município Horizonte 2020 com Infra-Estrutura Atual

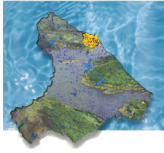


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- DPAA: Disponibilidade da Pequena Açudagem Inter-Anual
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- DHUD: Demanda Humana Difusa
- DHUR: Demanda Humana Rural
- DI: Demanda Industrial
- DIR: Demanda de Irrigação
- DIMP: Disponibilidade de Importação
- DAOT: Disponibilidade de Adutora
- DLAG: Disponibilidade de Lagoa

Estatísticas das Demandas			
DEMANDA	Deficit Médio (x10 ⁶ m ³ /semestre)	Deficit Máximo (x10 ⁶ m ³ /semestre)	Deficit Médio (% Demanda)
DHUC	0	0	0,00
DHUD	48	50	30,13
DHUR	64	75	24,88
DAR	9	80	4,64
DI	0	0	0,00
DIR	3.830	7.325	34,47
Total	3.950	7.529	30,13

Estatísticas das Disponibilidades Excedentes (x10 ⁶ m ³ /semestre)			
Disponibilidades	Vol. Excedente Mínimo	Vol. Excedente com 90% garantia	Vol. Excedente Médio
DD	0	0	17.410
DPER	7.871	14.554	16.802
DPAA	887	15.840	33.387
DPAA	3.944	12.107	23.808
DSU	173	173	173
DSR	365	360	363
DIMP	0	0	0
DADT	0	0	0
DLAG	0	0	0
Total	19.894	45.478	93.668

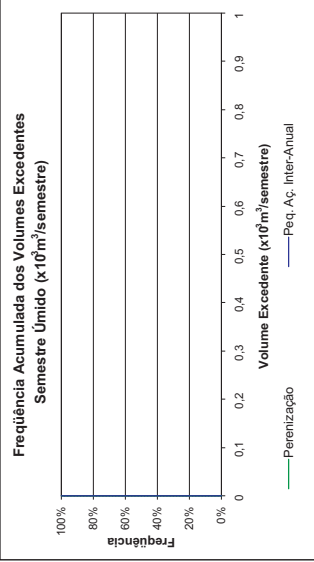
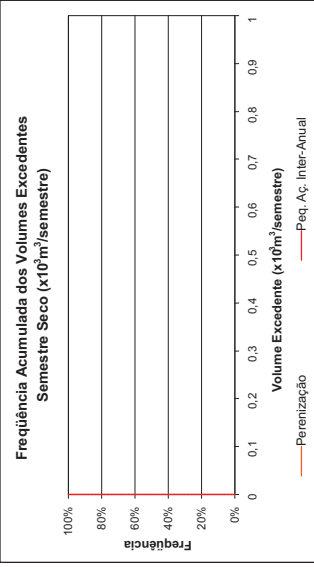




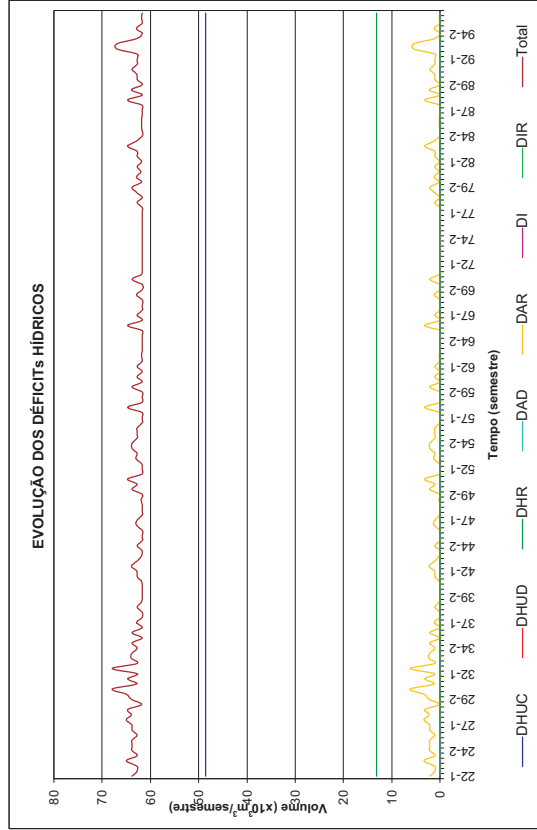
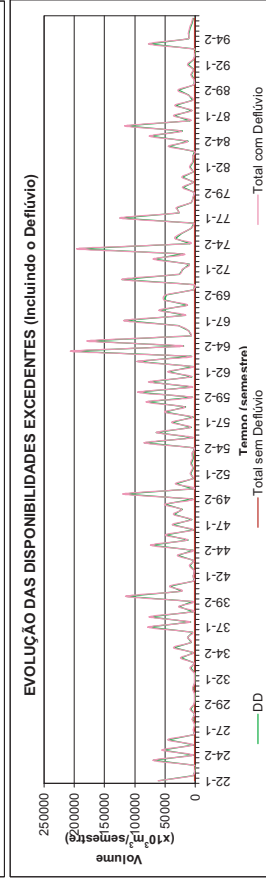
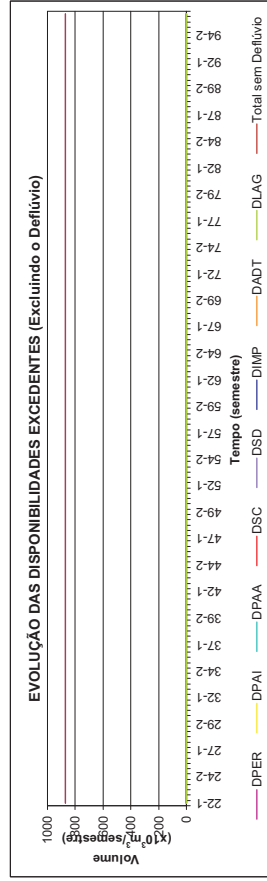
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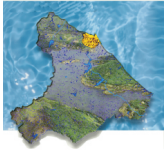
DEMANDA	Estadísticas das Demandas		Deficit Médio (% Demanda)	Deficit Máximo	Deficit Médio	Deficit Máximo
	Deficit Médio (x10 ³ m ³ /semestre)	Deficit Máximo (x10 ³ m ³ /semestre)				
DHUC	49	49	52,88	52,88	0,00	0,00
DHUR	13	13	12,13	12,13	0,00	0,00
DI	0	0	10,15	65,27	0,00	0,00
DIR	0	0	0,00	0,00	0,00	0,00
Total	63	68	29,87	32,39		

Disponibilidades	Estadísticas das Disponibilidades Excedentes (x10 ³ m ³ /semestre)		Vol. Excedente Médio	Vol. Excedente Máximo
	Vol. Excedente Mínimo	Vol. Excedente com 90% garantia		
DD	0	1,096	8,313	205,832
DPER	0	0	0	0
DPFAI	0	0	0	0
DPAA	0	0	0	0
DSU	0	0	0	0
DSR	870	872	873	873
DIMP	0	0	0	0
DAOT	0	0	0	0
DLAG	0	0	0	0
Total	870	1,967	9,185	206,705

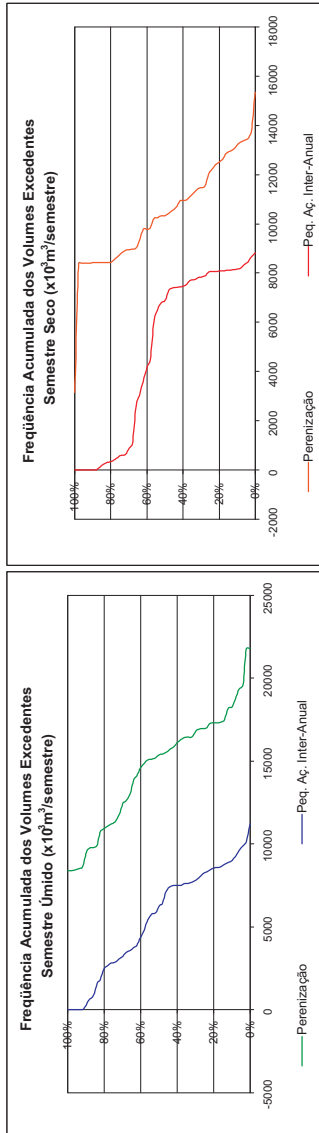


- DD: Disponibilidade de Deflúvio
- DPER: Disponibilidade de Perenização
- DPAA: Disponibilidade da Pequena Acudagem Inter-Anual
- DPFAI: Disponibilidade da Pequena Acudagem Inter-Anual
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Barreira Consolidação dos Resultados do Balanço Hídrico Distribuído por Município Horizonte 2020 com Infra-Estrutura Atual

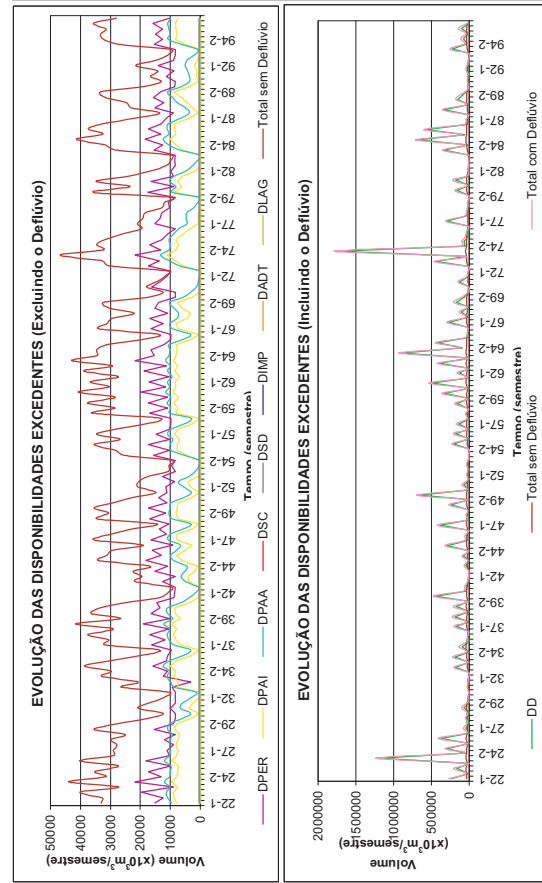
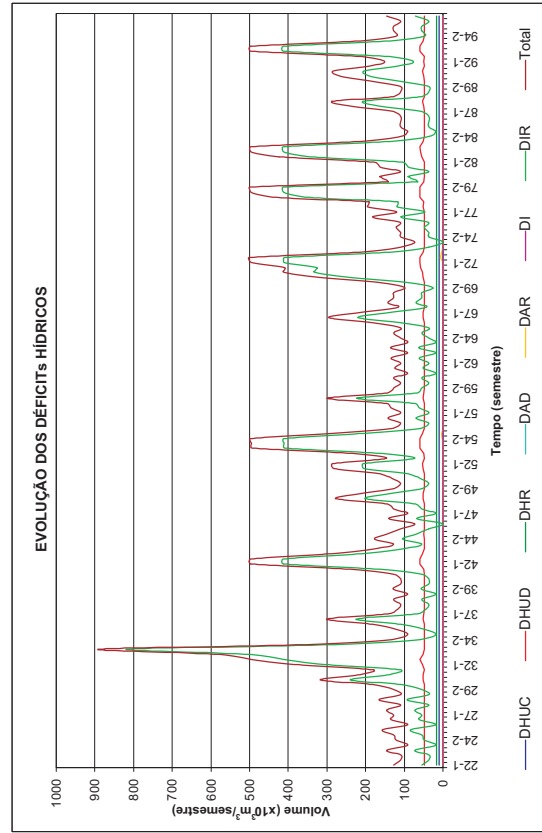


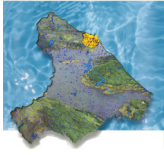
DD: Disponibilidade de Deflúvio
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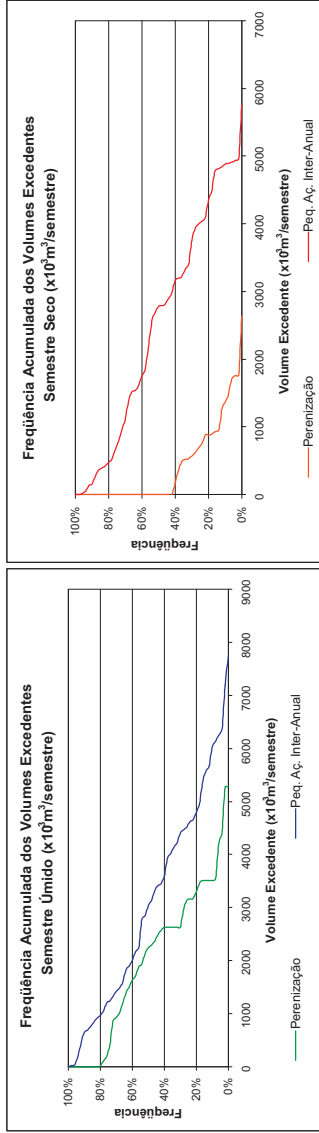
Estatísticas das Demandas			
DEMANDA	Déficit Médio (x10 ³ m ³ /semestre)	Déficit Máximo (x10 ³ m ³ /semestre)	Déficit Médio (% Demanda)
DHUC	9	9	4,36
DHUD	59	59	84,06
DHUR	16	16	10,60
DAR	6	6	0,27
DI	0	0	0,00
DIR	127	816	2,63
Total	202	889	3,82

Estatísticas das Disponibilidades Excedentes (x10 ³ m ³ /semestre)			
Disponibilidades	Vol. Excedente Mínimo	Vol. Excedente com 90% garantia	Vol. Excedente Médio
DD	0	0	13,077
DPER	3,156	8,421	11,571
DPAI	0	0	6,643
DPAA	57	2,049	9,197
DSU	0	0	0
DSR	452	476	480
DIMP	0	0	0
DAOT	0	0	0
DLAG	0	0	0
Total	8,886	12,411	36,970





Baturité Consolidação dos Resultados do Balanço Hídrico Distribuído por Município Horizonte 2020 com Infra-Estrutura Atual

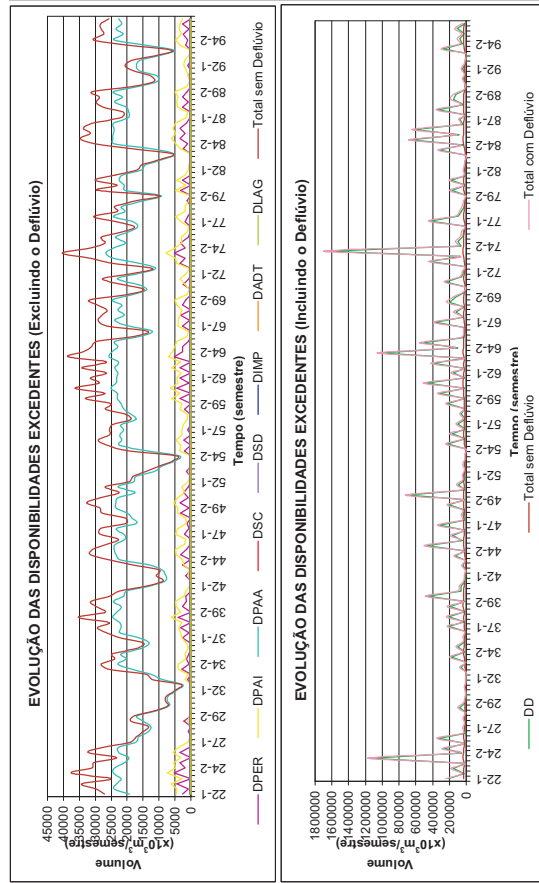
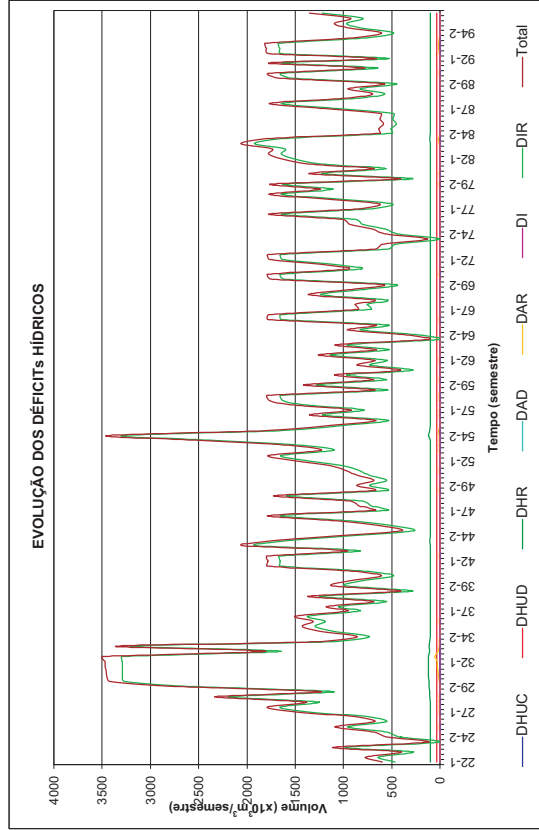


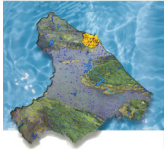
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Estatísticas das Demandas			
DEMANDA	Deficit Médio (x10 ⁹ m ³ /semestre)	Deficit Máximo (x10 ⁹ m ³ /semestre)	Deficit Médio (% Demanda)
DHUC	0	0	0,00
DHUD	32	67,33	67,33
DHUR	98	120	54,22
DAR	3	52	3,21
DI	0	0	0,00
DIR	1.131	3.289	34,38
Total	1.264	3.493	27,83

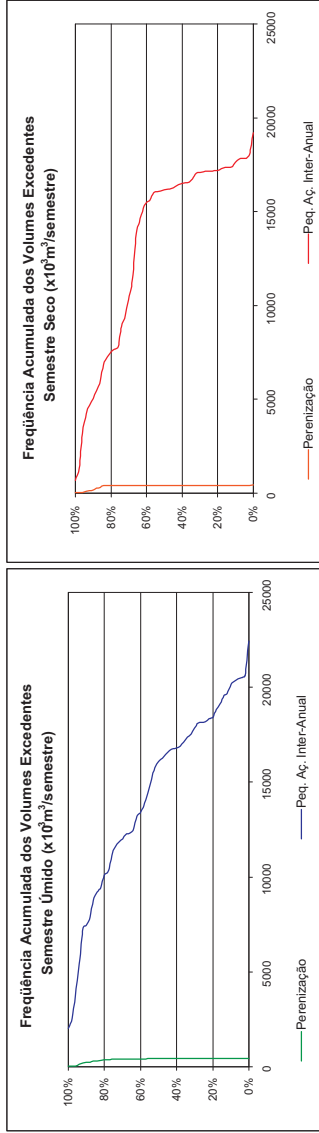
Estatísticas das Disponibilidades Excedentes (x10 ⁹ m ³ /semestre)			
Disponibilidades	Vol. Excedente Mínimo	Vol. Excedente com 90% garantia	Vol. Excedente Médio Máximo
DD	11	4.165	1.861.059
DPER	0	0	675
DPAA	0	286	5.270
DPAA	2.582	9.415	7.740
DSU	165	165	26.799
DSR	330	341	165
DIMP	0	0	347
DADT	0	0	0
DLAG	0	0	0
Total	3.099	15.626	52.650





Beberibe

Consolidação dos Resultados do Balanço Hídrico Distribuído por Município Horizonte 2020 com Infra-Estrutura Atual



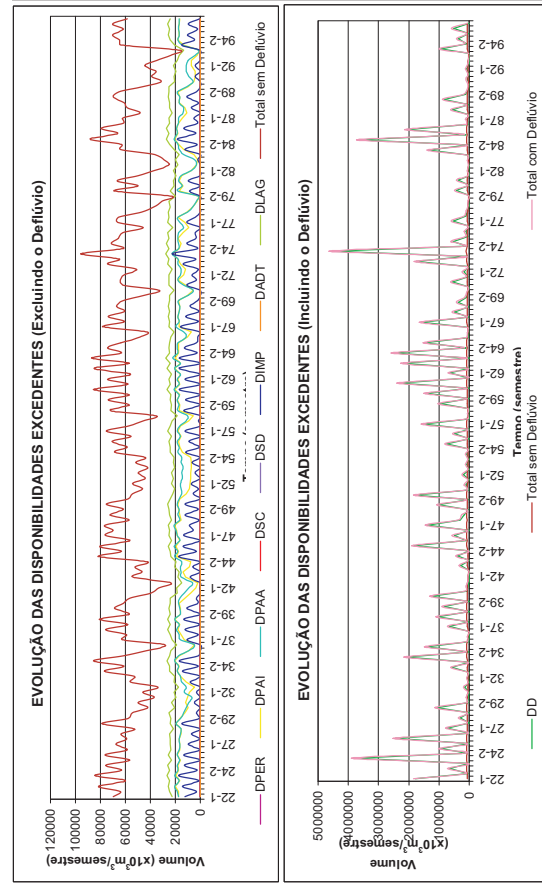
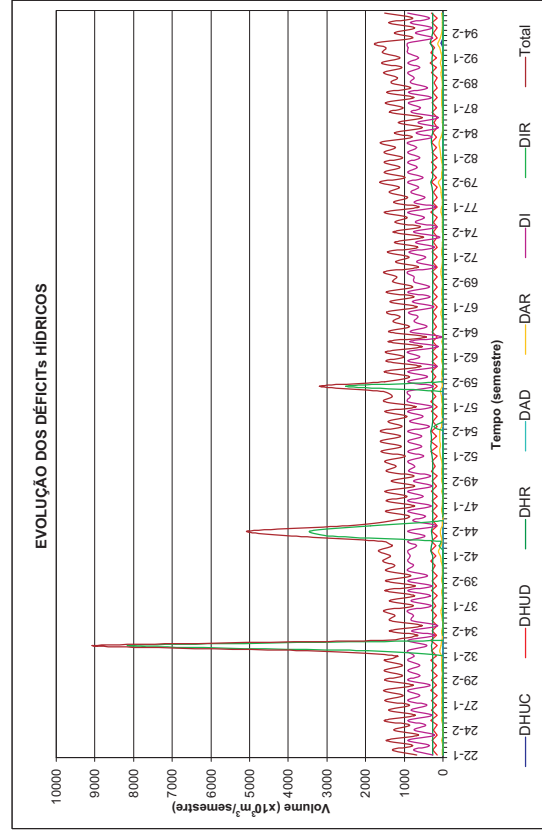
DD: Disponibilidade de Deflúvio
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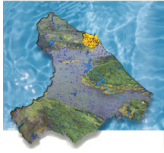
DIMP: Disponibilidade de Importação
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 DI: Demanda Industrial
 DIR: Demanda de Irrigação

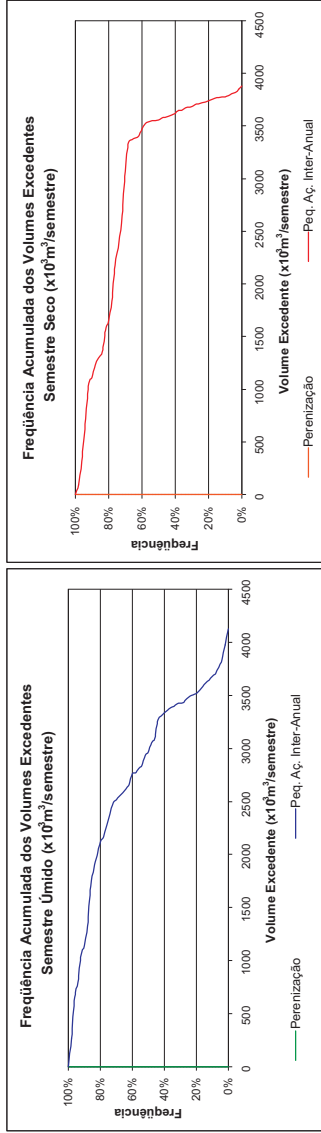
DEMANDA	Estatísticas das Demandas		
	Déficit Médio (x10 ⁶ m ³ /Semestre)	Déficit Máximo (x10 ⁶ m ³ /Semestre)	Déficit Médio (% Demanda)
DHUC	0	50	0,27
DHUD	221	324	56,34
DHUR	268	329	47,19
DAR	32	133	11,67
DI	645	918	70,25
DIR	143	8143	0,63
Total	1.309	9.053	5,25

Disponibilidades	Estatísticas das Disponibilidades Excedentes (x10 ⁶ m ³ /Semestre)		
	Vol. Excedente Mínimo	Vol. Excedente com 90% garantia Médio	Vol. Excedente Máximo
DD	36	1.724	51.520
DPER	18	187	419
DPAA	687	5.809	16.133
DPAA	1.311	9.306	16.677
DSU	0	0	0
DSR	125	136	153
DIMP	12	24	27.584
DAOT	0	0	0
DLAG	13.558	19.635	24.193
Total	15.921	39.678	106.091





Canindé Consolidação dos Resultados do Balanço Hídrico Distribuído por Município Horizonte 2020 com Infra-Estrutura Atual



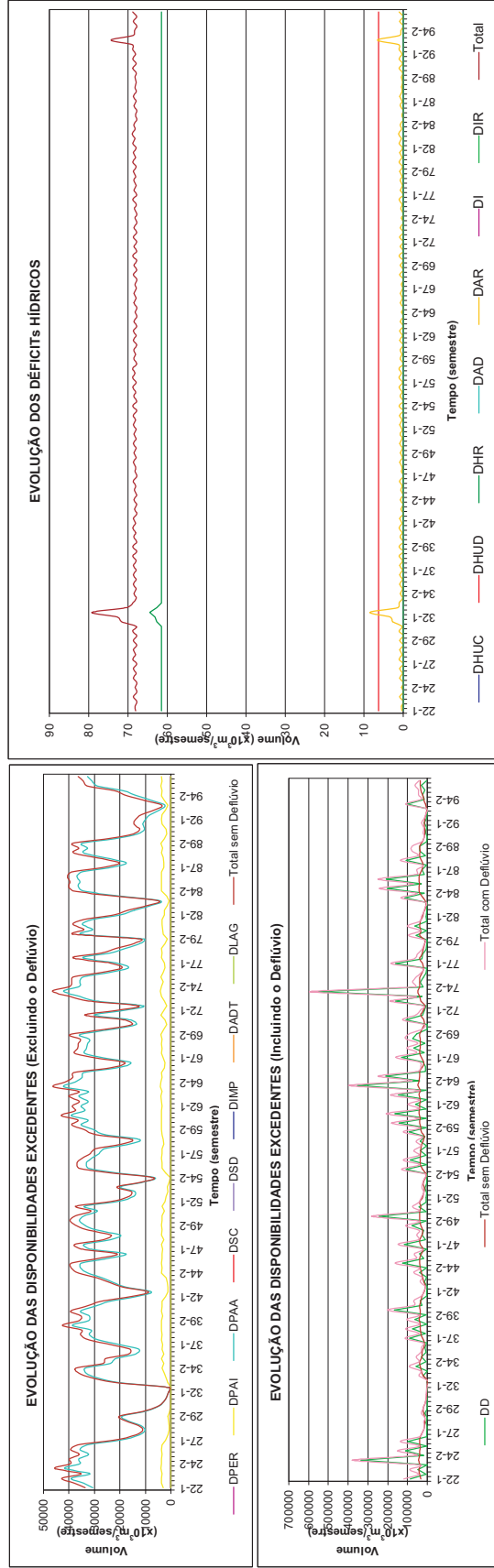
Estatísticas das Demandas			
DEMANDA	Déficit Médio (x10 ⁶ m ³ /Semestre)	Déficit Máximo (x10 ⁶ m ³ /Semestre)	Déficit Médio (% Demanda)
DHUC	0	0	0,00
DHUD	6	100,00	100,00
DHUR	62	85,34	85,34
DAR	1	73,94	73,94
DI	0	0,00	0,00
DIR	0	0,00	0,00
Total	68	79	73,26

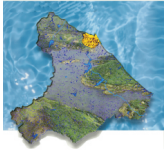
Estatísticas das Disponibilidades Excedentes (x10 ⁶ m ³ /Semestre)			
Disponibilidades	Vol. Excedente Mínimo	Vol. Excedente com 90% garantia	Vol. Excedente Médio Máximo
DD	0	1,025	550,633
DPER	0	0	0
DPAI	0	1,087	3,386
DPAA	610	10,275	28,454
DSU	0	0	0
DSR	78	78	78
DIMP	0	0	0
DADT	0	0	0
DLAG	0	0	0
Total	688	13,969	42,887

DD: Disponibilidade de Deflúvio
DPER: Disponibilidade de Perenização
DPAA: Disponibilidade da Pequena Acudagem Inter-Anual
DPAR: Disponibilidade da Pequena Acudagem Anual
DSU: Disponibilidade Subterrânea Urbana
DSR: Disponibilidade Subterrânea Rural

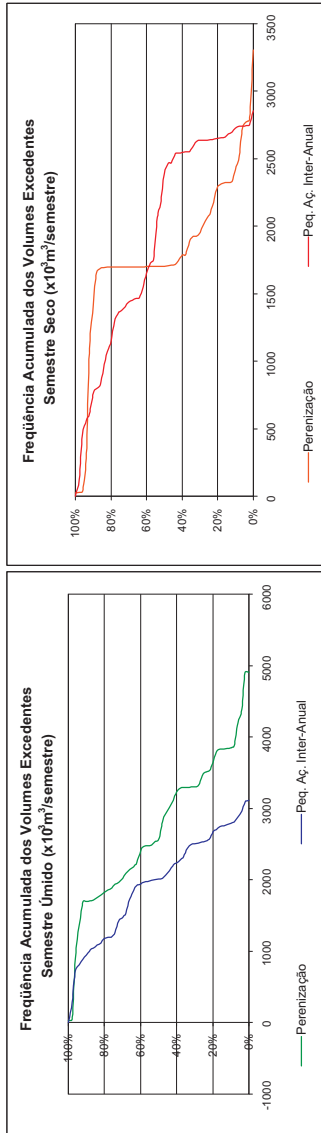
DHUC: Demanda Humana Concentrada
DHUD: Demanda Humana Difusa
DHUR: Demanda Humana Rural
DI: Demanda Industrial
DIR: Demanda de Irrigação

DIMP: Disponibilidade de Importação
DADT: Disponibilidade de Adutora
DLAG: Disponibilidade de Lagoa





Capistrano Consolidação dos Resultados do Balanço Hídrico Distribuído por Município Horizonte 2020 com Infra-Estrutura Atual



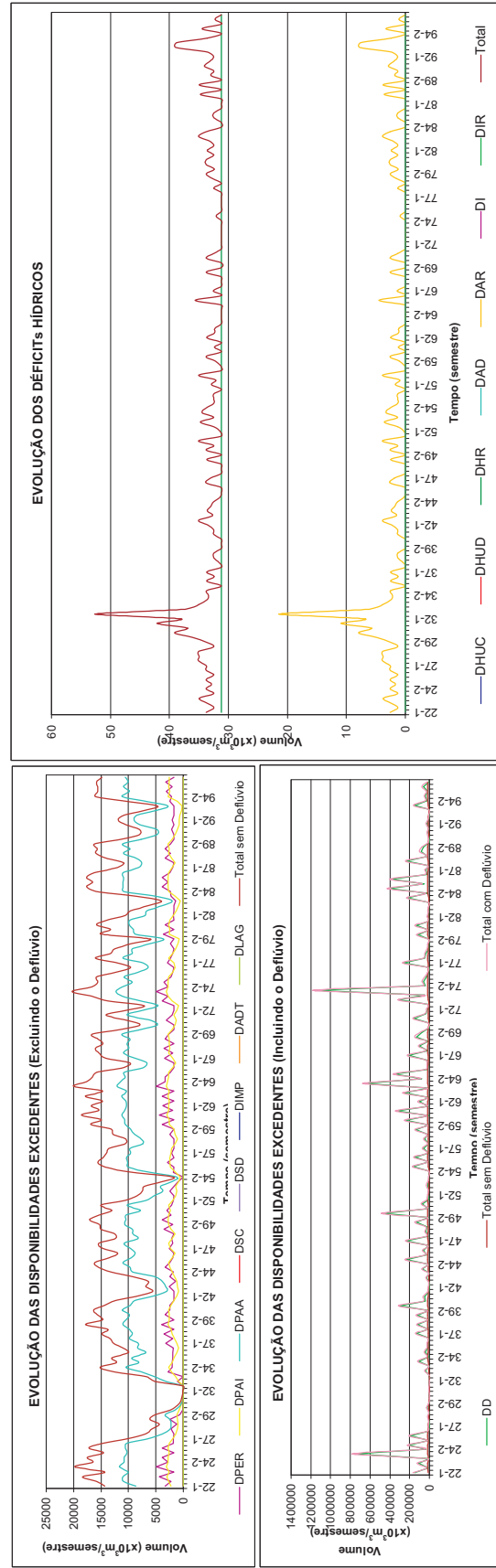
DD: Disponibilidade de Defluvio
DPER: Disponibilidade de Perenização
DPAA: Disponibilidade da Pequena Acudagem Inter-Anual
DSU: Disponibilidade Subterrânea Urbana
DSR: Disponibilidade Subterrânea Rural

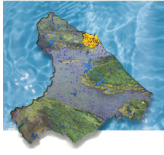
DIMP: Disponibilidade de Importação
DAOT: Disponibilidade de Adutora
DLAG: Disponibilidade de Lagoa

DHUC: Demanda Humana Concentrada
DHUD: Demanda Humana Difusa
DHUR: Demanda Humana Rural
DI: Demanda Industrial
DIR: Demanda de Irrigação

DEMANDA	Deficit Máximo		Deficit Médio		Deficit Máximo (% Demanda)
	(x10 ⁹ m ³ /semestre)	(x10 ⁹ m ³ /semestre)	(x10 ⁹ m ³ /semestre)	(x10 ⁹ m ³ /semestre)	
DHUC	0	0	0,00	0,00	0,00
DHUD	0	0	0,00	0,00	0,00
DHUR	31	31	16,80	16,80	16,80
DAR	2	21	2,86	34,24	34,24
DI	0	0	0,00	0,00	0,00
DIR	0	0	0,00	0,00	0,00
Total	33	53	3,66	5,85	5,85

Disponibilidades	Vol. Excedente com 90% garantia		Vol. Excedente Médio		Vol. Excedente Máximo
	Mínimo	Máximo	Mínimo	Máximo	
DD	0	1.464	18.214	1.158.663	4.904
DPER	26	1.687	1.982	3.113	12.250
DPAA	0	809	2.084	9.304	42
DSU	0	3.172	9.304	0	0
DSR	4	40	41	0	0
DIMP	0	0	0	0	0
DAOT	0	0	0	0	0
DLAG	0	0	0	0	0
Total	30	7.825	31.484	1.178.972	

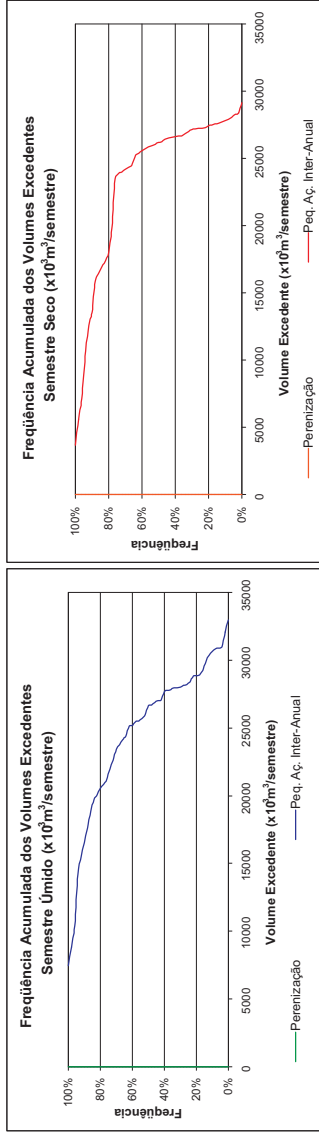




Cascavel

Consolidação dos Resultados do Balanço Hídrico Distribuído por Município

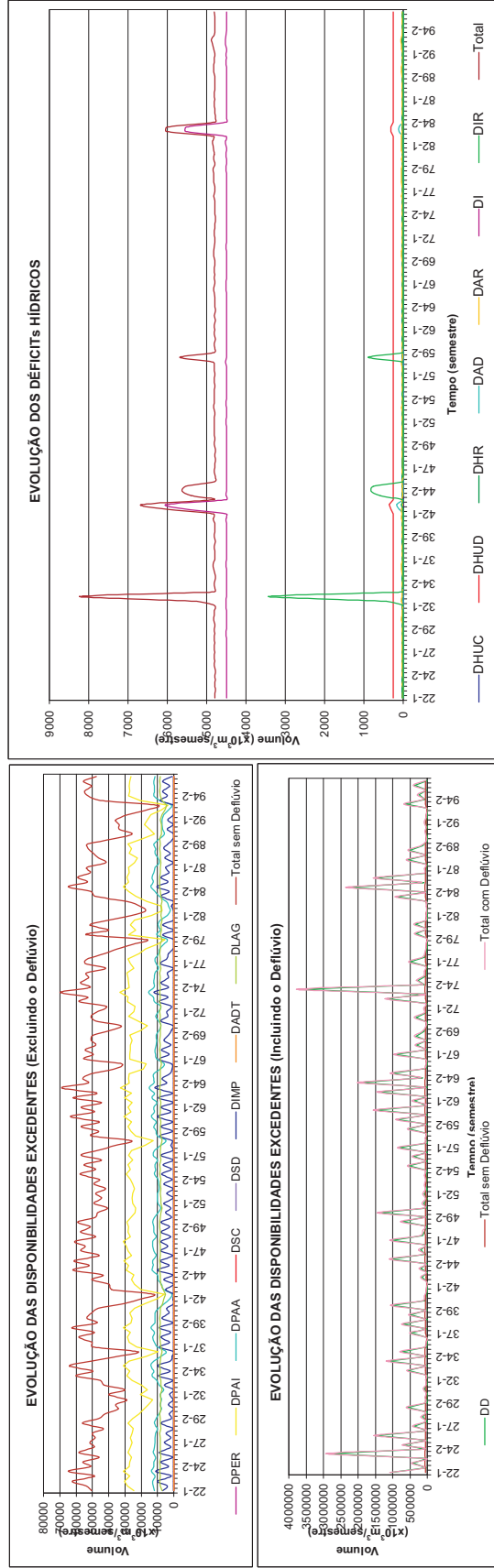
Horizonte 2020 com Infra-Estrutura Atual

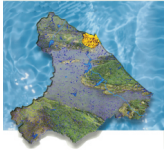


DEMANDA	Estadísticas das Demandas		Deficit Médio		Deficit Máximo	
	Deficit Médio (x10 ³ m ³ /Semestre)	Deficit Máximo (x10 ³ m ³ /Semestre)	(% Demanda)			
DHUC	0	0	0,00	0,00		
DHUD	253	355	31,63	44,43		
DHUR	29	33	23,94	27,35		
DAR	25	64	13,67	34,88		
DI	4.526	6.019	59,97	79,76		
DIR	49	34.30	0,40	27,85		
Total	4.884	8.236	19,76	33,32		

Disponibilidades	Estadísticas das Disponibilidades Excedentes (x10 ³ m ³ /Semestre)		Vol. Excedente		Vol. Excedente	
	Mínimo	Máximo	Médio	Máximo		
DD	0	792	34,294	3.703,566		
DPER	0	0	0	0		
DPAI	3.654	15.488	26,203	32.980		
DPAA	1.186	6.083	10,978	15.323		
DSU	1	1	1	1		
DSR	307	328	333	339		
DIMP	10	154	3,070	12.324		
DADT	0	0	0	0		
DLAG	4.221	7.272	8,157	8.823		
Total	9.672	30.743	85,883	3.773.376		

- DD: Disponibilidade de Deflúvio
- DPER: Disponibilidade de Perenização
- DPAI: Disponibilidade da Pequena Acudagem Inter-Anual
- DPAA: Disponibilidade da Pequena Acudagem Anual
- DSU: Disponibilidade Subterânea Urbana
- DSR: Disponibilidade Subterânea Rural
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- DIR: Demanda de Irrigação
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- DADT: Disponibilidade de Adutora
- DLAG: Disponibilidade de Lagoa

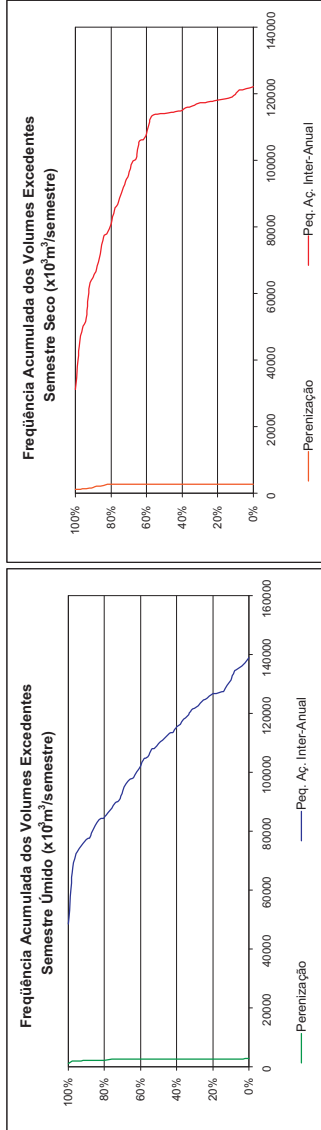




Caucaia

Consolidação dos Resultados do Balanço Hídrico Distribuído por Município

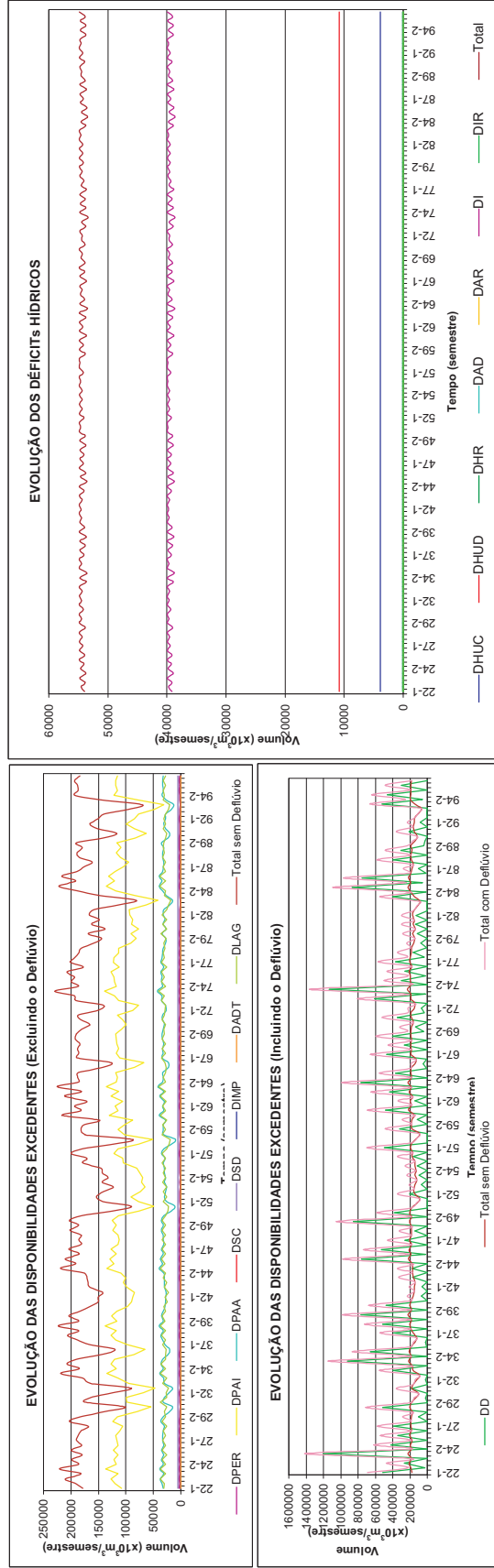
Horizonte 2020 com Infra-Estrutura Atual

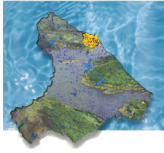


- DD: Demanda Humana Concentrada
- DHUC: Demanda Humana Difusa
- DHUR: Demanda Humana Rural
- DAR: Demanda Animal Rural
- DI: Demanda Industrial
- DIR: Demanda de Irrigação
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- DSR: Disponibilidade Subterrânea Rural
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- DAOT: Disponibilidade de Adutora
- DLAG: Disponibilidade de Lagoa

DEMANDA	Estadísticas das Demandas		Deficit Médio (% Demanda)	Deficit Máximo
	Deficit Médio (x10 ⁶ m ³ /semestre)	Deficit Máximo (x10 ⁶ m ³ /semestre)		
DHUC	3.870	3.870	75,07	75,07
DHUR	10.812	10.812	88,01	88,01
DHUR	94	94	21,88	21,88
DAR	10	40	1,14	4,74
DI	39.970	39.974	90,68	91,61
DIR	30	47	53,72	84,84
Total	54.386	54.820	87,09	87,79

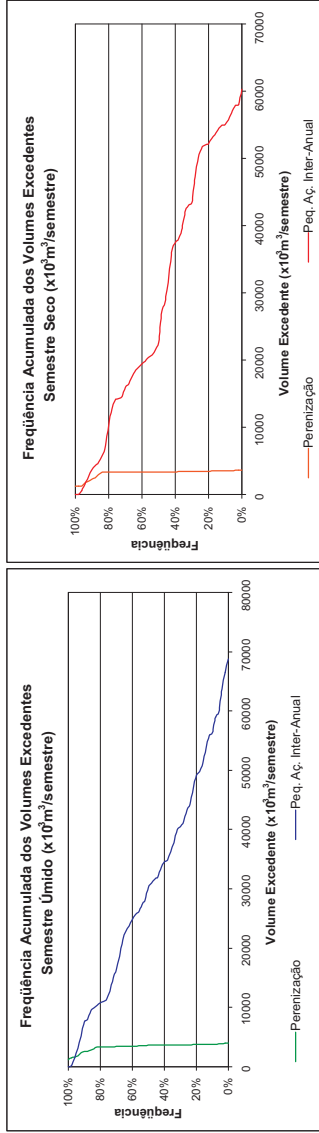
Disponibilidades	Estadísticas das Disponibilidades Excedentes (x10 ⁶ m ³ /semestre)		Vol. Excedente Médio	Vol. Excedente Máximo
	Vol. Excedente Mínimo	Vol. Excedente com 90% garantia		
DD	207	465	26,046	1.197,262
DPER	1.070	2.097	2,652	2,721
DPAA	31.165	73.700	113,514	138,925
DPAA	9.766	22.640	31,890	42,395
DSU	69	69	69	69
DSR	5.119	5.189	5,214	5,250
DIMP	0	0	0	0
DADT	20	20	20	20
DLAG	17.968	25.541	28,763	40,828
Total	70.993	137.810	209,993	1.418,095





Choró

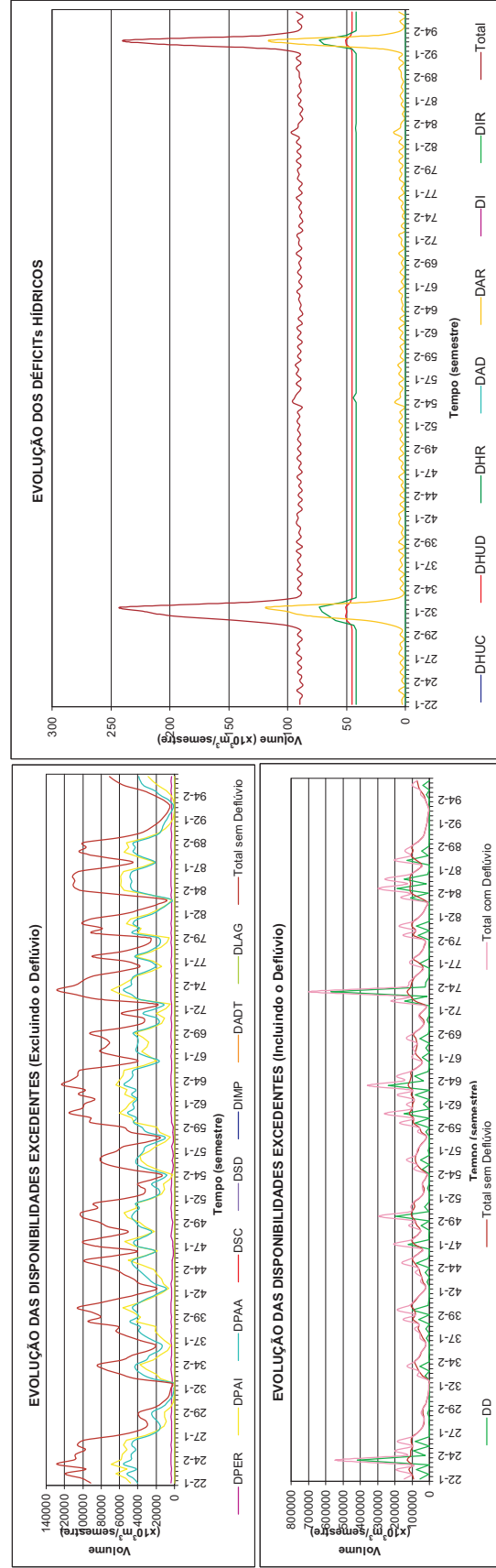
Consolidação dos Resultados do Balanço Hídrico Distribuído por Município Horizonte 2020 com Infra-Estrutura Atual

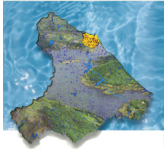


- DD: Disponibilidade de Deflúvio
- DPER: Disponibilidade de Perenização
- DPAI: Disponibilidade da Pequena Acudagem Inter-Anual
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- DAOT: Disponibilidade de Adutora
- DLAG: Disponibilidade de Lagoa

DEMANDA	Estadísticas das Demandas		Deficit Médio (% Demanda)	Deficit Máximo
	Deficit Médio (x10 ⁶ m ³ /semestre)	Deficit Máximo (x10 ⁶ m ³ /semestre)		
DHUC	0	0	0,00	0,00
DHUD	45	51	88,62	100,00
DHUR	43	73	35,44	60,09
DAR	7	117	4,65	76,44
DI	0	0	0,00	0,00
DIR	0	0	0,00	0,00
Total	95	241	9,07	22,87

Disponibilidades	Estadísticas das Disponibilidades Excedentes (x10 ⁶ m ³ /semestre)		Vol. Excedente Médio	Vol. Excedente Máximo
	Vol. Excedente Mínimo	Vol. Excedente com 90% garantia		
DD	0	0	1.349	570.569
DPER	1.217	2.415	3.436	3.954
DPAI	0	4.409	27.731	68.800
DPAA	171	11.188	34.123	55.602
DSU	0	0	0	0
DSR	0	0	0	0
DIMP	0	0	0	0
DADT	0	0	0	0
DLAG	0	0	0	0
Total	2.464	19.570	71.069	698.694

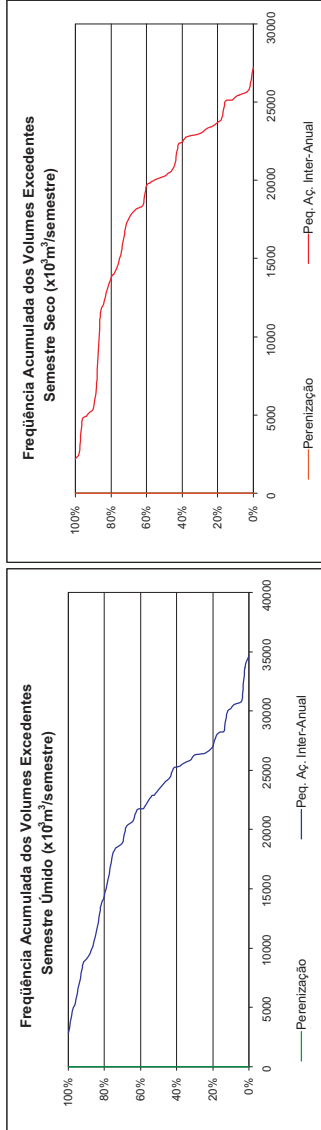




Chorozinho

Consolidação dos Resultados do Balanço Hídrico Distribuído por Município

Horizonte 2020 com Infra-Estrutura Atual



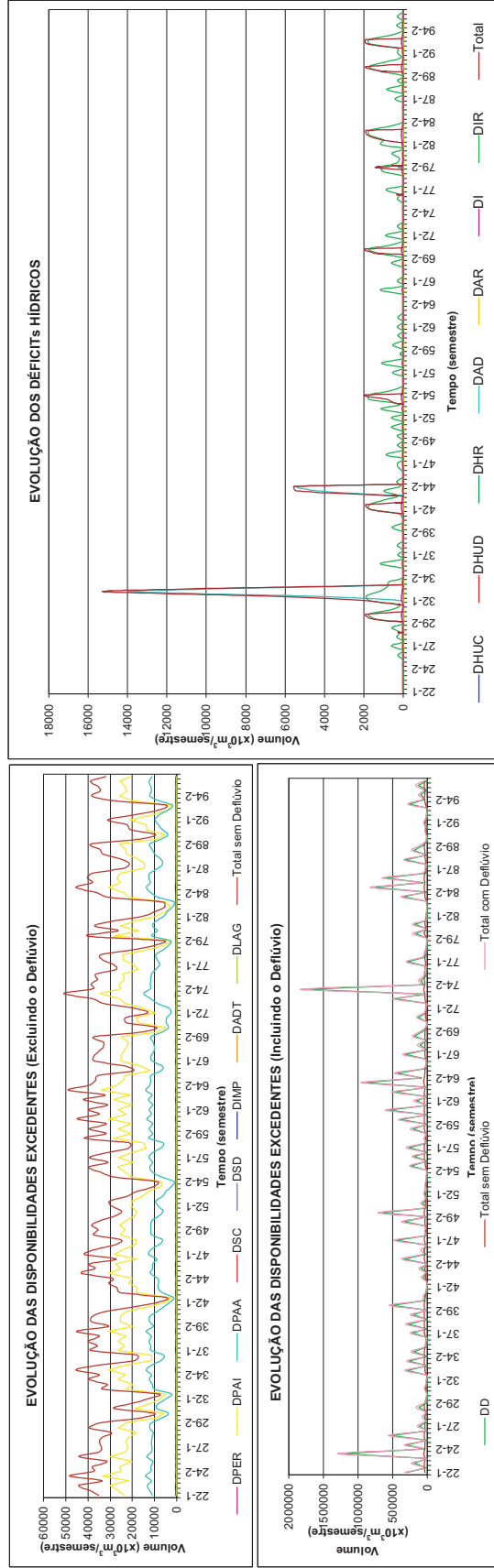
DD: Disponibilidade de Deflúvio
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 DPAA: Disponibilidade da Pequena Acudagem Inter-Anual
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 DSR: Disponibilidade Subterrânea Rural

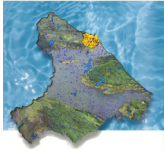
DHUC: Demanda Humana Concentrada
 DHUR: Demanda Humana Difusa
 DAR: Demanda Animal Rural
 DI: Demanda Industrial
 DIR: Demanda de Irrigação

DIMP: Disponibilidade de Importação
 DAOT: Disponibilidade de Autoria
 DLAG: Disponibilidade de Lagoa

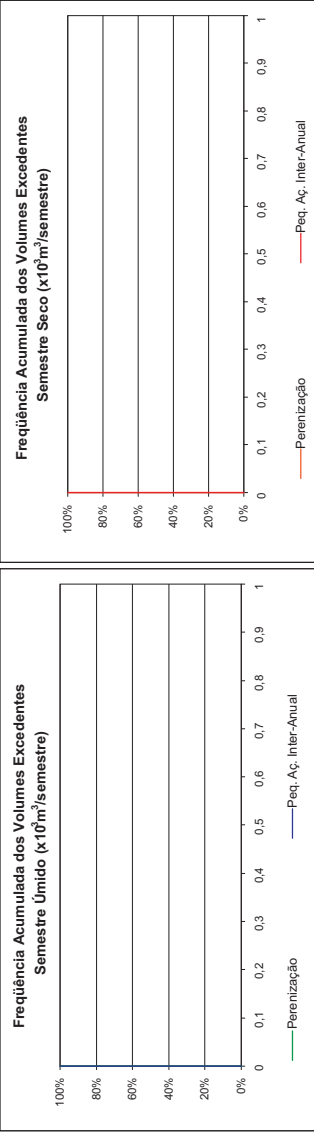
Estatísticas das Demandas			
DEMANDA	Déficit Médio (x10 ⁹ m ³ /semestre)	Déficit Máximo (x10 ⁹ m ³ /semestre)	Déficit Médio (% Demanda)
DHUC	1	60	0,31
DHUD	33	35	28,06
DHUR	4	8	6,13
DAR	4	9	6,53
DI	18	90	16,86
DIR	407	1.869	11,76
Total	-3.657	15.267	-6,57

Estatísticas das Disponibilidades Excedentes (x10 ⁹ m ³ /semestre)				
Disponibilidades	Vol. Excedente Mínimo	Vol. Excedente com 90% garantia	Vol. Excedente Médio	Vol. Excedente Máximo
DD	0	0	12.839	1.783.055
DPER	0	0	0	0
DPAA	2.178	7.172	21.904	34.700
DSU	927	4.155	10.778	14.899
DSR	0	0	0	0
DIMP	463	468	468	468
DAOT	2	4	125	591
DLAG	0	0	0	0
Total	4.565	14.174	45.459	1.833.714





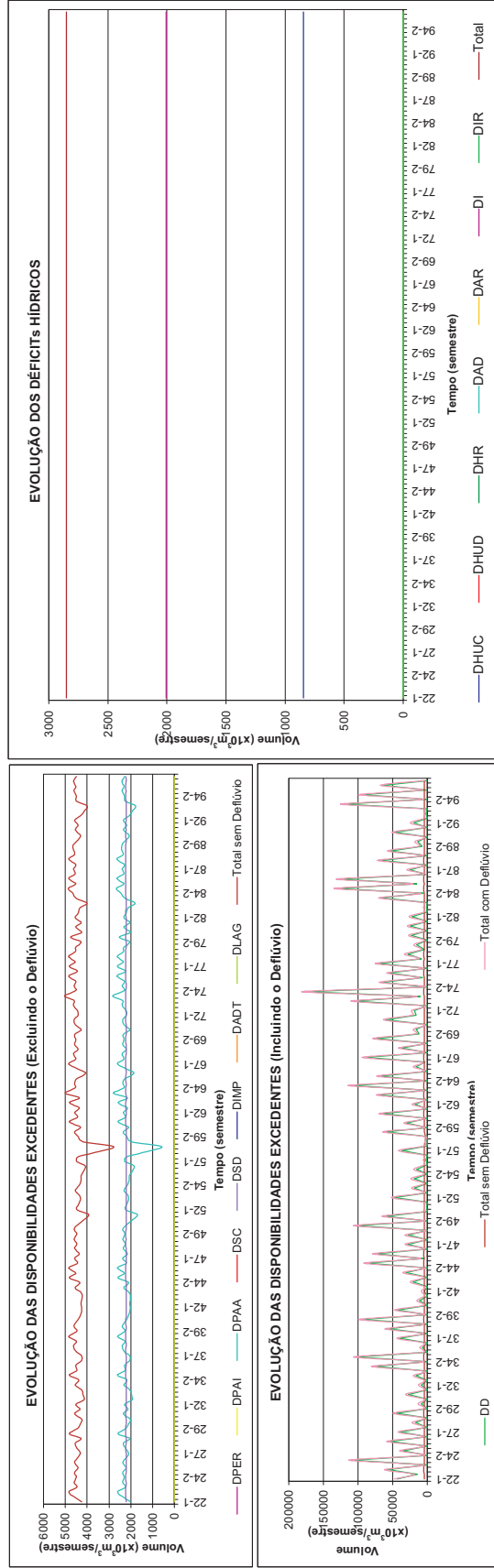
Eusébio Consolidação dos Resultados do Balanço Hídrico Distribuído por Município Horizonte 2020 com Infra-Estrutura Atual

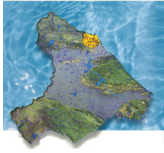


Estatísticas das Demandas			
DEMANDA	Déficit Médio (x10 ³ m ³ /semestre)	Déficit Máximo (x10 ³ m ³ /semestre)	Déficit Médio (% Demanda)
DHUC	846	946	50,82
DHUD	0	0,00	0,00
DHUR	0	0,00	0,00
DAR	0	0,00	0,00
DI	2,007	2,007	57,81
DIR	0	0,00	0,00
Total	2.853	2.853	55,24

Estatísticas das Disponibilidades Excedentes (x10 ³ m ³ /semestre)			
Disponibilidades	Vol. Excedente Mínimo	Vol. Excedente com 90% garantia	Vol. Excedente Médio
DD	0	34	6,915
DPER	0	0	0
DPAI	0	0	0
DPAA	581	2,025	2,274
DSU	0	0	0
DSR	2,213	2,218	2,219
DIMP	0	0	0
DADT	0	0	0
DLAG	0	0	0
Total	2.794	4.301	11,487

DHUC: Demanda Humana Concentrada
 DHUD: Demanda Humana Difusa
 DHUR: Demanda Humana Rural
 DAR: Demanda Animal Rural
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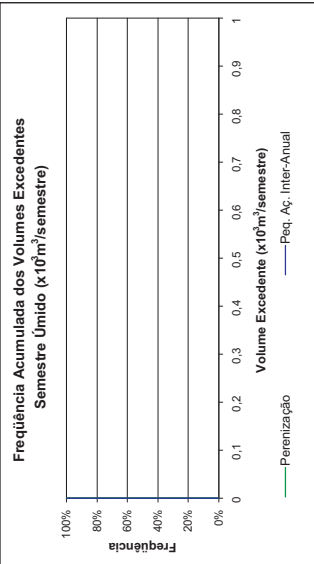
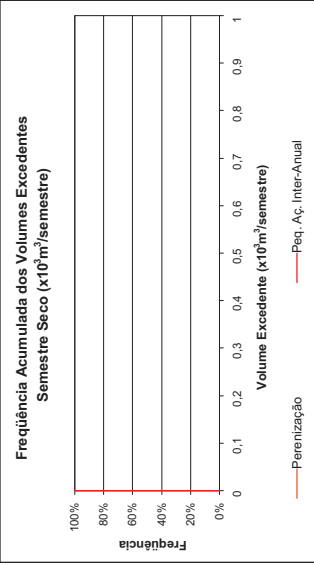




Fortaleza Consolidação dos Resultados do Balanço Hídrico Distribuído por Município Horizonte 2020 com Infra-Estrutura Atual

DEMANDA	Estadísticas das Demandas		Deficit Médio (% Demanda)	Deficit Máximo
	Deficit Médio (x10 ³ m ³ /semestre)	Deficit Máximo (x10 ³ m ³ /semestre)		
DHUC	51,091	51,091	42,47	42,47
DHUD	0	0	0,00	0,00
DHUR	0	0	0,00	0,00
DAR	0	0	0,00	0,00
DI	21,217	21,217	46,83	46,83
DIR	0	0	0,00	0,00
Total	72,308	72,308	43,66	43,66

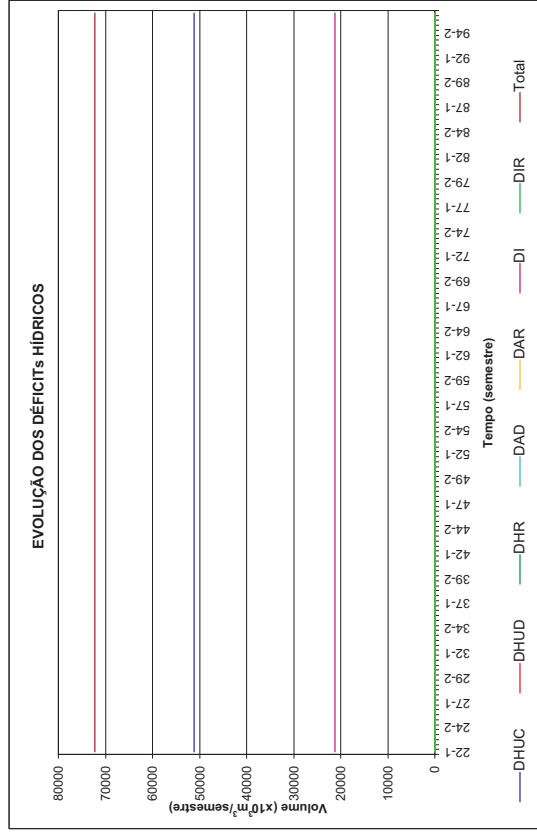
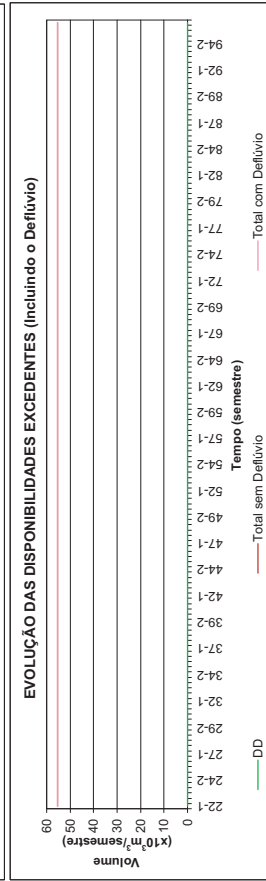
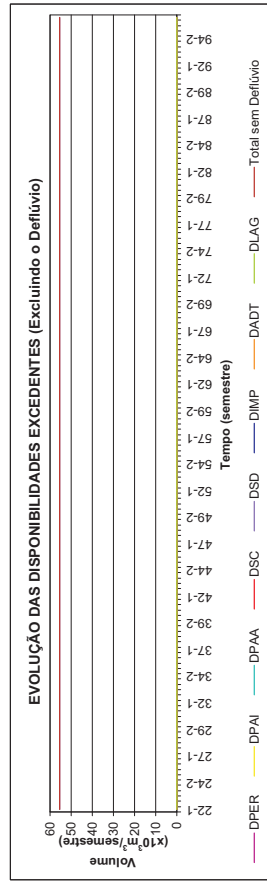
Disponibilidades	Estadísticas das Disponibilidades Excedentes (x10 ³ m ³ /semestre)		Vol. Excedente Médio	Vol. Excedente Máximo
	Vol. Excedente Mínimo	Vol. Excedente com 90% garantia		
DD	0	0	0	0
DPER	0	0	0	0
DPAI	0	0	0	0
DPAA	0	0	0	0
DSU	0	0	0	0
DSR	55	55	55	55
DIMP	0	0	0	0
DADT	0	0	0	0
DLAG	0	0	0	0
Total	55	55	55	55

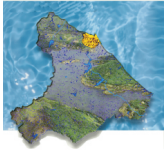


DD: Disponibilidade de Deflúvio
DPER: Disponibilidade de Perenização
DPAA: Disponibilidade da Pequena Aqüedagem Inter-Anual
DPAA: Disponibilidade da Pequena Aqüedagem Anual
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DSR: Disponibilidade Subterrânea Rural

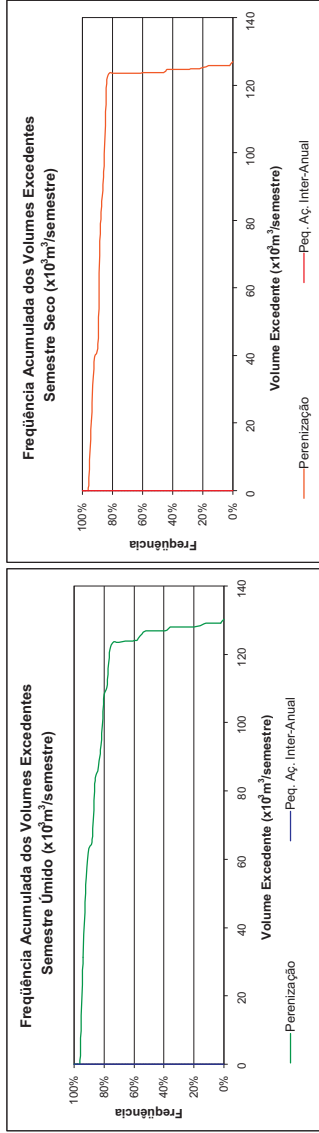
DHUC: Demanda Humana Concentrada
DHUR: Demanda Humana Difusa
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DIMP: Disponibilidade de Importação
DADT: Disponibilidade de Adutora
DLAG: Disponibilidade de Lagoa





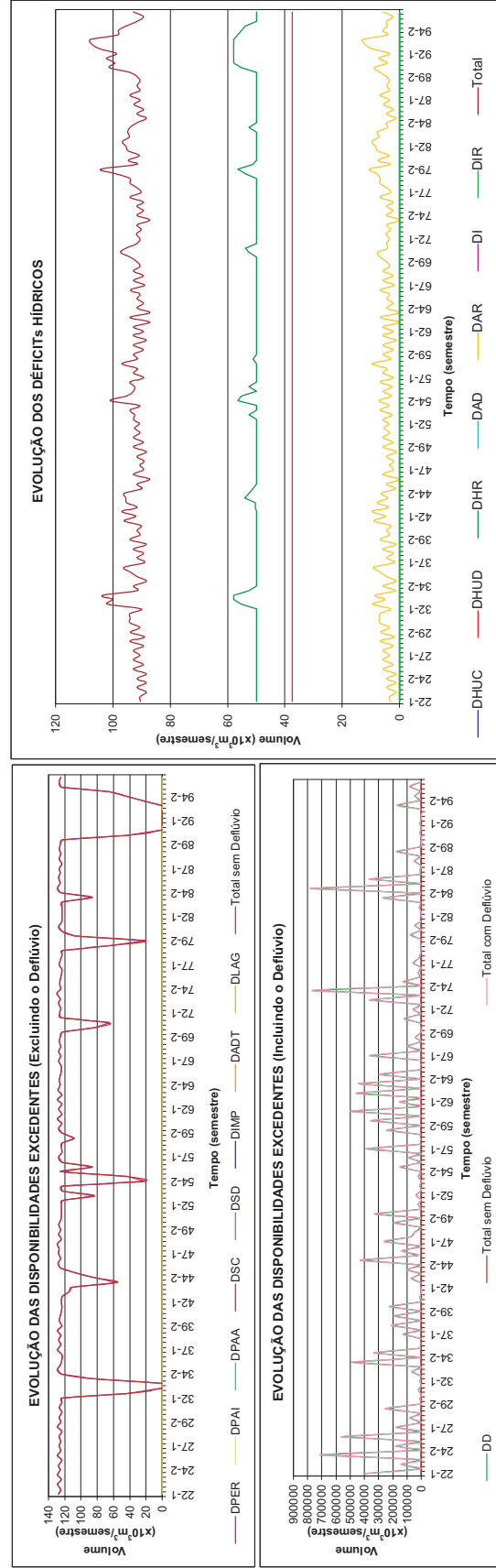
Fortim Consolidação dos Resultados do Balanço Hídrico Distribuído por Município Horizonte 2020 com Infra-Estrutura Atual

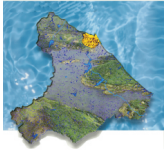


Estatísticas das Demandas			
DEMANDA	Déficit Médio (x10 ⁶ m ³ /Semestre)	Déficit Máximo (x10 ⁶ m ³ /Semestre)	Déficit Médio (% Demanda)
DHUC	0	0,00	0,00
DHUD	37	100,00	100,00
DHUR	51	58	80,06
DAR	5	13	36,99
DI	0	0,00	0,00
DIR	0	0,00	0,00
Total	93	108	81,75

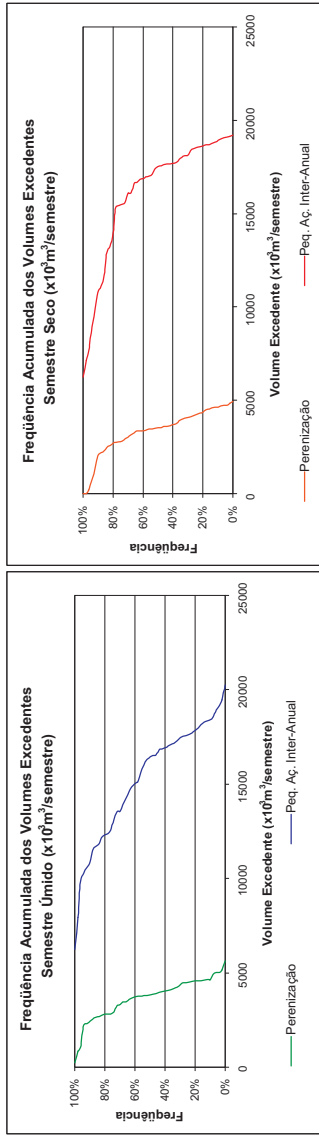
Estatísticas das Disponibilidades Excedentes (x10 ⁶ m ³ /Semestre)			
Disponibilidades	Vol. Excedente Mínimo	Vol. Excedente com 90% garantia	Vol. Excedente Máximo
DD	0	182	779.432
DPER	0	54	125
DPAI	0	0	0
DPAA	0	0	0
DSU	0	0	0
DSR	0	0	0
DIMP	0	0	0
DADT	0	0	0
DLAG	0	0	0
Total	0	306	779.561

- DHUC: Demanda Humana Concentrada
- DHUD: Demanda Humana Difusa
- DHUR: Demanda Humana Rural
- DAR: Demanda Animal Rural
- DI: Demanda Industrial
- DIR: Demanda de Irrigação
- DD: Disponibilidade de Deflúvio
- DPER: Disponibilidade de Perenização
- DPAA: Disponibilidade da Pequena Aqüedagem Inter-Anual
- DPAI: Disponibilidade da Pequena Aqüedagem Anual
- DSU: Disponibilidade Subterrânea Urbana
- DSR: Disponibilidade Subterrânea Rural
- DIMP: Disponibilidade de Importação
- DADT: Disponibilidade de Adutora
- DLAG: Disponibilidade de Lagoa





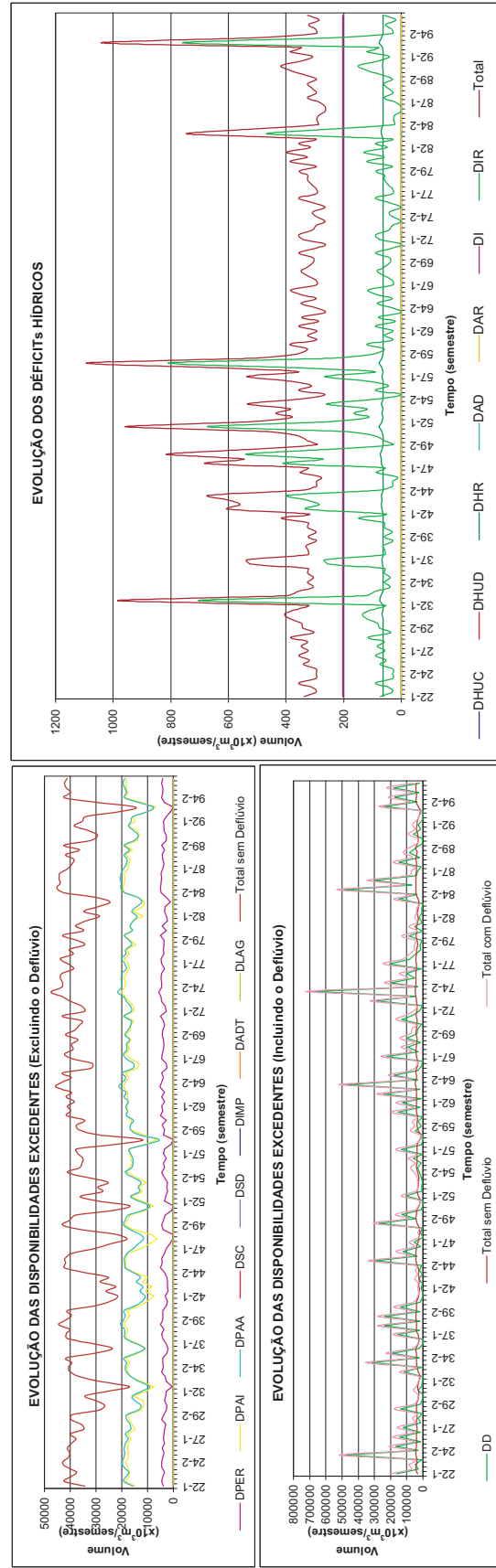
Guaiuba Consolidação dos Resultados do Balanço Hídrico Distribuído por Município Horizonte 2020 com Infra-Estrutura Atual



Estatísticas das Demandas			
DEMANDA	Déficit Médio (x10 ³ m ³ /semestre)	Déficit Máximo (x10 ³ m ³ /semestre)	Déficit Médio (% Demanda)
DHUC	0	0	0,00
DHUD	0	0	0,36
DHUR	64	78	50,55
DAR	1	4	1,57
DI	203	203	46,17
DIR	110	809	13,86
Total	378	1.094	20,82

Estatísticas das Disponibilidades Excedentes (x10 ³ m ³ /semestre)			
Disponibilidades	Vol. Excedente Mínimo	Vol. Excedente com 90% garantia	Vol. Excedente Médio Máximo
DD	0	1.912	25.804
DPER	0	2.227	3.725
DPAI	6.233	10.869	16.860
DPAA	5.619	12.490	17.530
DSU	15	15	15
DSR	0	0	0
DIMP	0	0	0
DADT	0	0	0
DLAG	0	0	0
Total	11.767	30.600	64.435

- DHUC: Demanda Humana Concentrada
- DHUD: Demanda Humana Difusa
- DHUR: Demanda Humana Rural
- DI: Demanda Industrial
- DIR: Demanda de Irrigação
- DD: Disponibilidade de Deflúvio
- DPER: Disponibilidade de Perenização
- DPAA: Disponibilidade da Pequena Acudagem Inter-Anual
- DPAI: Disponibilidade da Pequena Acudagem Anual
- DSU: Disponibilidade Subterrânea Urbana
- DSR: Disponibilidade Subterrânea Rural
- DIMP: Disponibilidade de Importação
- DADT: Disponibilidade de Adutora
- DLAG: Disponibilidade de Lagoa

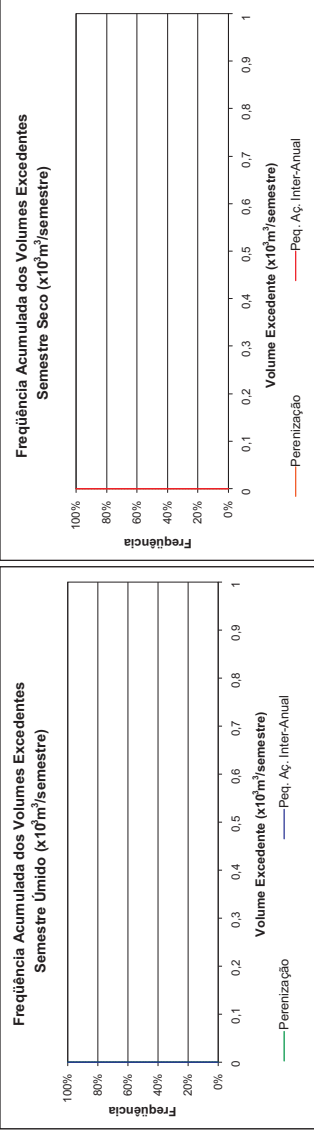




Guaramiranga Consolidação dos Resultados do Balanço Hídrico Distribuído por Município Horizonte 2020 com Infra-Estrutura Atual

DEMANDA	Estatísticas das Demandas		
	Déficit Médio (x10 ³ m ³ /semestre)	Déficit Máximo (% Demanda)	Déficit Médio (% Demanda)
DHUC	0	0,00	0,00
DHUD	0	0,00	0,00
DHUR	0	0,00	0,00
DAR	0	0,00	0,00
DI	0	0,00	0,00
DIR	0	0,00	0,00
Total	0	0,00	0,00

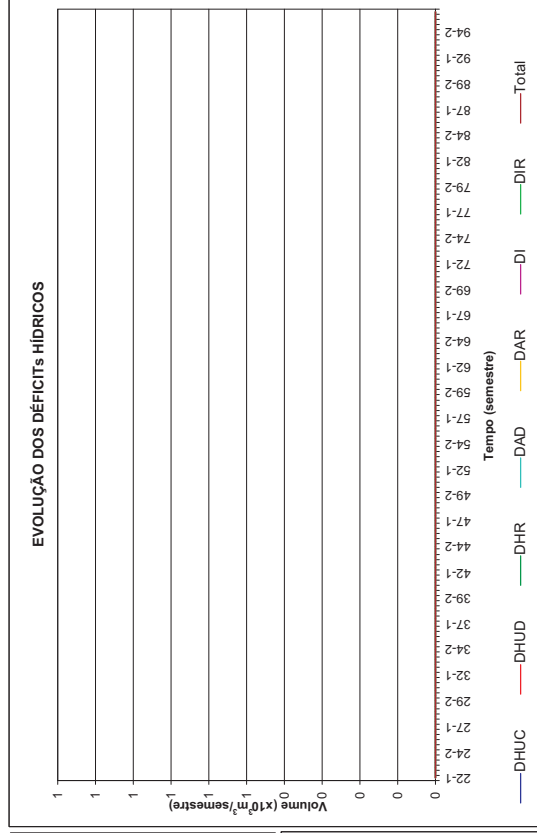
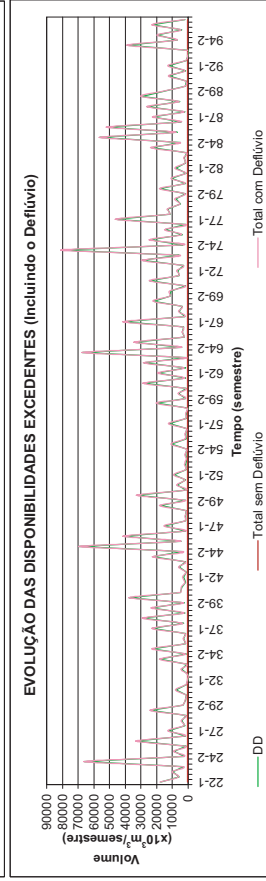
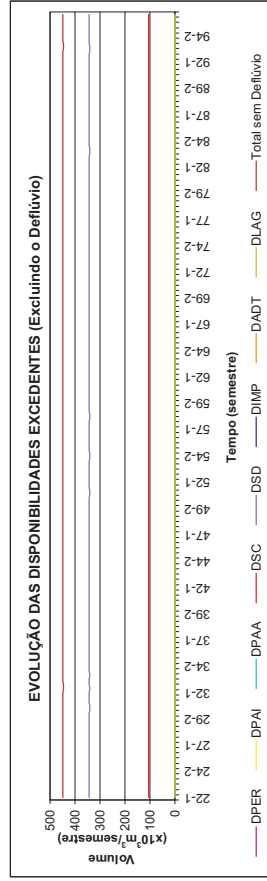
Disponibilidades	Estatísticas das Disponibilidades Excedentes (x10 ³ m ³ /semestre)		
	Vol. Excedente Mínimo	Vol. Excedente com 90% garantia	Vol. Excedente Máximo
DD	24	1.244	80.390
DPER	0	0	0
DPAI	0	0	0
DPAA	0	0	0
DSU	106	106	106
DSR	341	343	344
DIMP	0	0	0
DADT	0	0	0
DLAG	0	0	0
Total	472	1.692	81.039



DHUC: Demanda Humana Concentrada
 DHUD: Demanda Humana Difusa
 DHUR: Demanda Humana Rural
 DAR: Demanda Animal Rural
 DI: Demanda Industrial
 DIR: Demanda de Irrigação

DD: Disponibilidade de Deflúvio
 DPER: Disponibilidade de Perenização
 DPAI: Disponibilidade da Pequena Aqüedagem Inter-Anual
 DPAA: Disponibilidade da Pequena Aqüedagem Anual
 DSU: Disponibilidade Subterrânea Urbana
 DSR: Disponibilidade Subterrânea Rural

DIMP: Disponibilidade de Importação
 DADT: Disponibilidade de Adutora
 DLAG: Disponibilidade de Lagoa





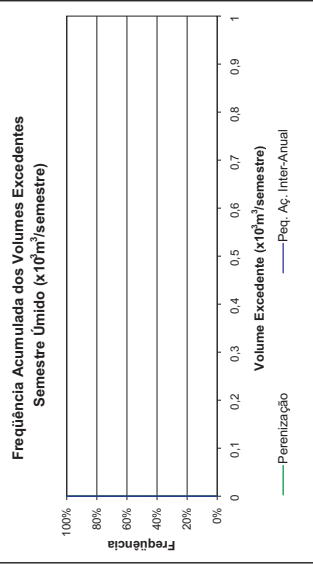
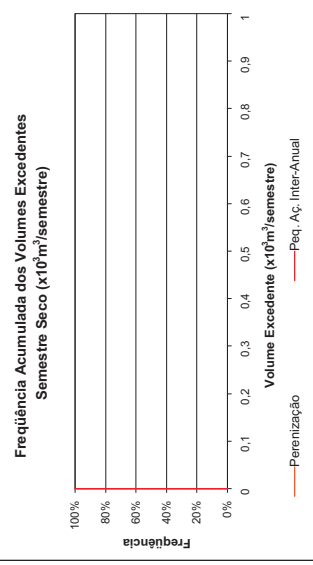
Horizonte

Consolidação dos Resultados do Balanço Hídrico Distribuído por Município

Horizonte 2020 com Infra-Estrutura Atual

Estatísticas das Demandas			
DEMANDA	Déficit Médio (x10 ⁹ m ³ /semestre)	Déficit Máximo	Déficit Médio (% Demanda)
DHUC	616	616	83,35
DHUD	30	30	34,11
DHUR	45	45	9,24
DAR	2	2	0,58
DI	1.755	1.755	95,00
DIR	0	0	0,00
Total	61.273	62.448	96,95

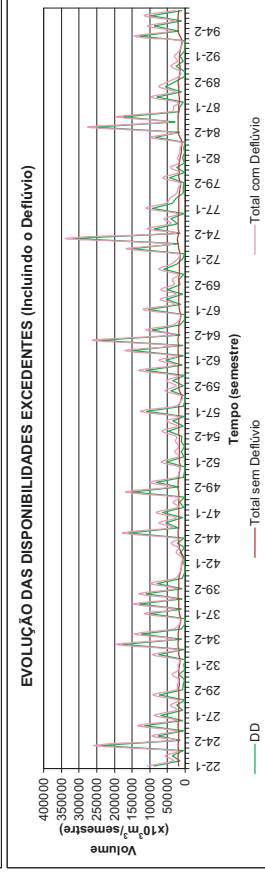
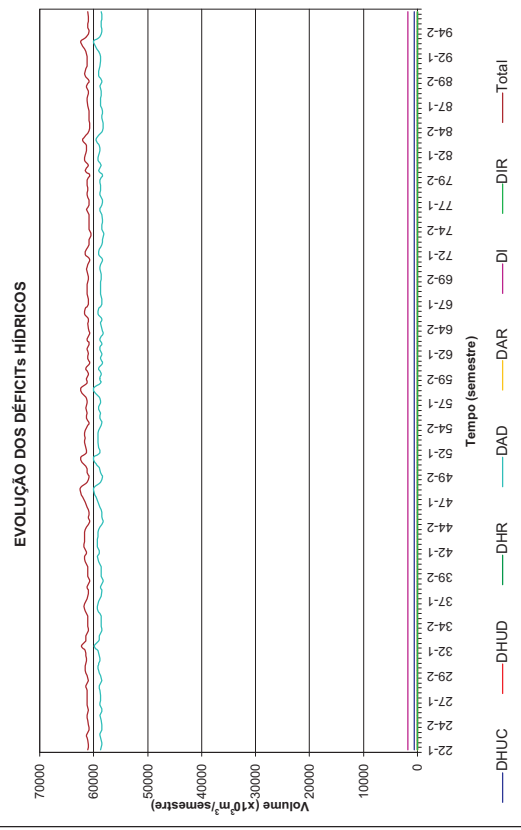
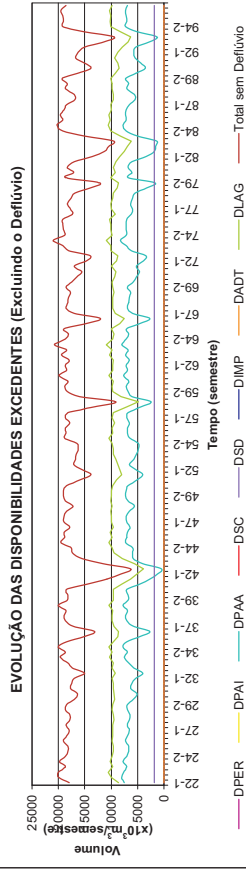
Estatísticas das Disponibilidades Excedentes (x10 ⁹ m ³ /semestre)			
Disponibilidades	Vol. Excedente Mínimo	Vol. Excedente com 90% garantia	Vol. Excedente Médio Máximo
DD	9	1.233	13.737
DPER	0	0	0
DPAI	0	0	0
DPAA	505	3.457	6.569
DSU	0	0	0
DSR	1.859	1.863	1.867
DIMP	0	0	0
DADT	0	0	0
DLAG	3.914	8.048	9.713
Total	7.206	15.192	31.149

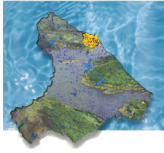


DD: Disponibilidade de Deflúvio
DPER: Disponibilidade de Perenização
DPAI: Disponibilidade da Pequena Açudagem Inter-Annual
DPAA: Disponibilidade da Pequena Açudagem Anual
DSU: Disponibilidade Subterrânea Urbana
DSR: Disponibilidade Subterrânea Rural

DHUC: Demanda Humana Concentrada
DHUD: Demanda Humana Difusa
DHUR: Demanda Humana Rural
DAR: Demanda Animal Rural
DI: Demanda Industrial
DIR: Demanda de Irrigação

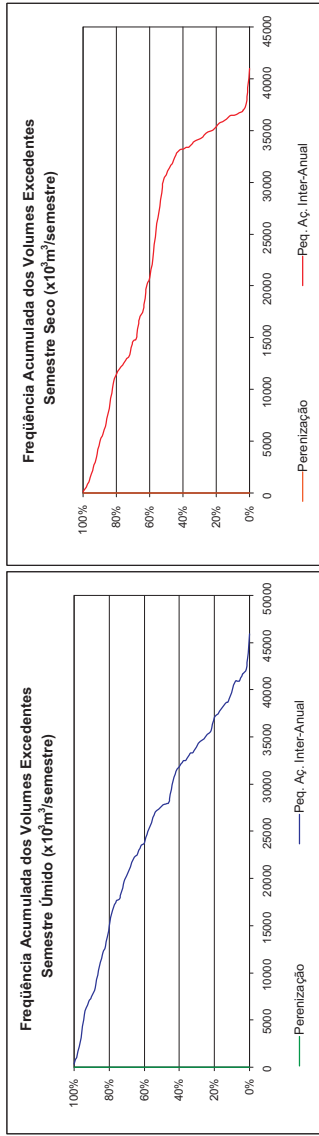
DIMP: Disponibilidade de Importação
DADT: Disponibilidade de Adutora
DLAG: Disponibilidade de Lagoa





Ibaretama

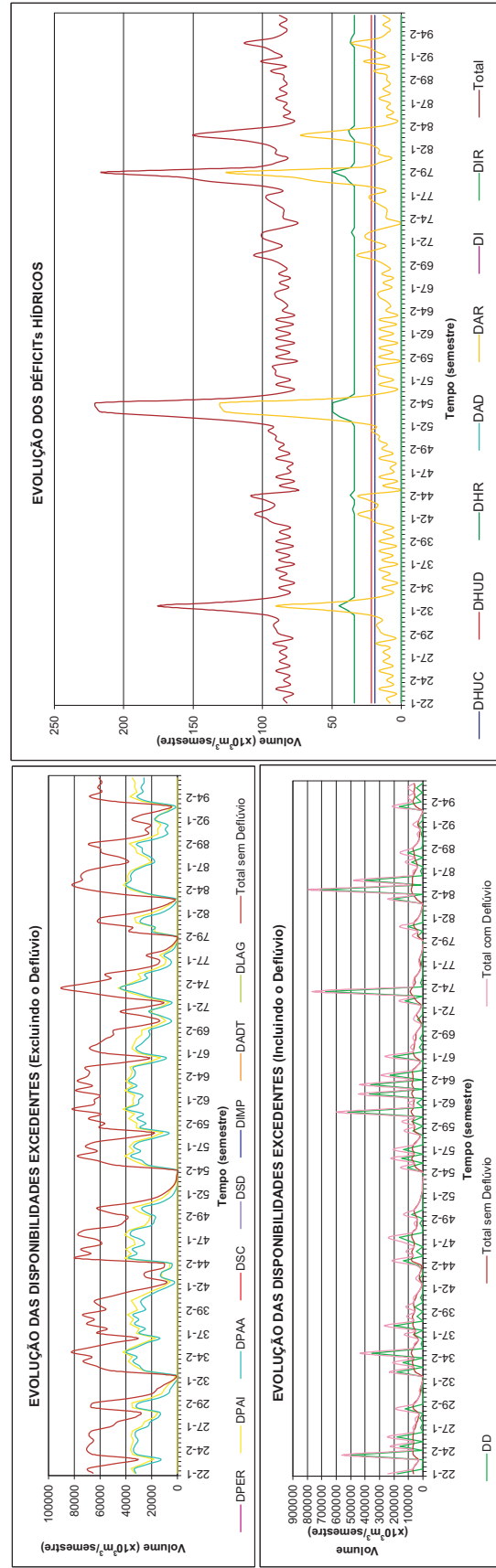
Consolidação dos Resultados do Balanço Hídrico Distribuído por Município Horizonte 2020 com Infra-Estrutura Atual

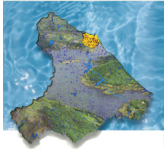


Estatísticas das Demandas			
DEMANDA	Déficit Médio (x10 ⁶ m ³ /semestre)	Déficit Máximo (x10 ⁶ m ³ /semestre)	Déficit Médio (% Demanda)
DHUC	19	19	46,08
DHUD	21	21	56,60
DHUR	35	49	36,05
DAR	19	130	10,36
DI	0	0	0,00
DIR	0	0	0,00
Total	95	220	26,20

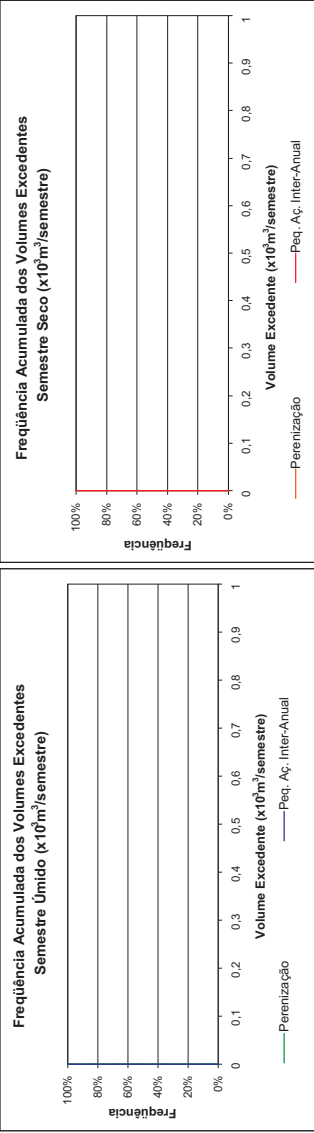
Estatísticas das Disponibilidades Excedentes (x10 ⁶ m ³ /semestre)			
Disponibilidades	Vol. Excedente Mínimo	Vol. Excedente com 90% garantia	Vol. Excedente Médio
DD	0	0	1,954
DPER	0	0	0
DPAI	98	6,043	28,062
DPAA	0	3,231	24,211
DSU	0	0	0
DSR	163	199	204
DIMP	0	0	0
DADT	0	0	0
DLAG	0	0	0
Total	260	10,358	62,092

- DHUC: Demanda Humana Concentrada
- DHUD: Demanda Humana Difusa
- DHUR: Demanda Humana Rural
- DI: Demanda Industrial
- DIR: Demanda de Irrigação
- DD: Disponibilidade de Deflúvio
- DPER: Disponibilidade de Perenização
- DPAI: Disponibilidade da Pequena Aqüedagem Inter-Anual
- DPAA: Disponibilidade da Pequena Aqüedagem Anual
- DSU: Disponibilidade Subterrânea Urbana
- DSR: Disponibilidade Subterrânea Rural
- DIMP: Disponibilidade de Importação
- DADT: Disponibilidade de Adutora
- DLAG: Disponibilidade de Lagoa





Itaipava Consolidação dos Resultados do Balanço Hídrico Distribuído por Município Horizonte 2020 com Infra-Estrutura Atual



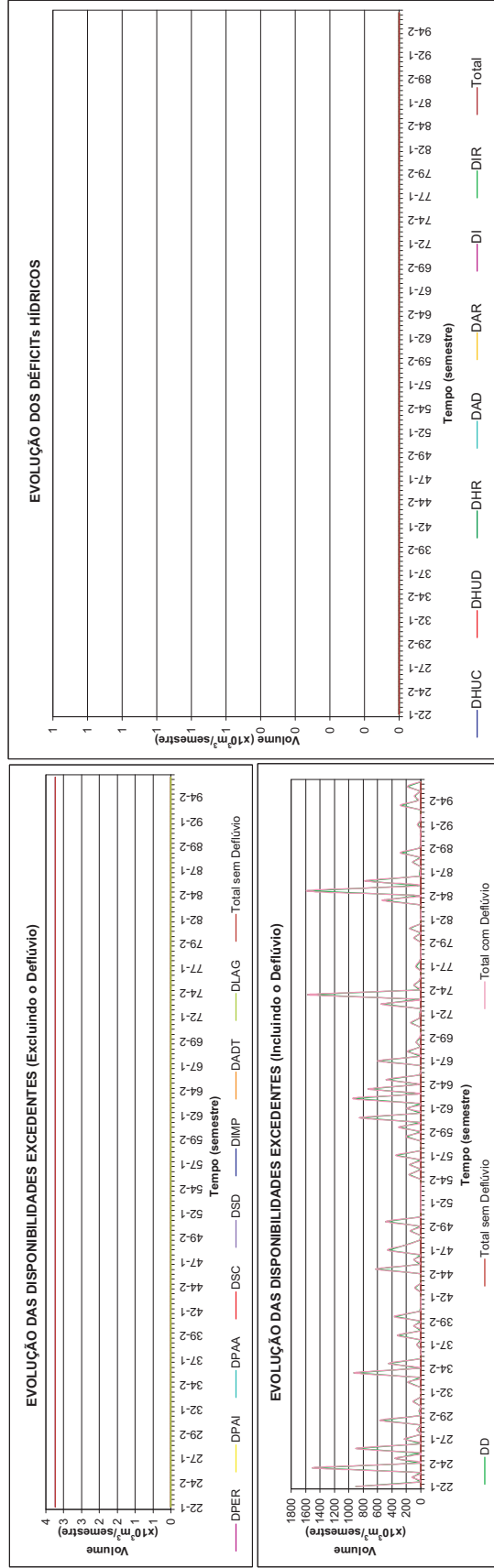
Estatísticas das Demandas			
DEMANDA	Déficit Médio (x10 ⁶ m ³ /semestre)	Déficit Máximo (x10 ⁶ m ³ /semestre)	Déficit Médio (% Demanda)
DHUC	0	0	0,00
DHUD	0	0	0,00
DHUR	0	0	0,00
DAR	0	0	0,00
DI	0	0	0,00
DIR	0	0	0,00
Total	0	0	0,00

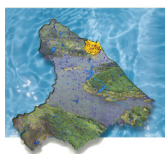
Estatísticas das Disponibilidades Excedentes (x10 ⁶ m ³ /semestre)			
Disponibilidades	Vol. Excedente Mínimo	Vol. Excedente com 90% garantia	Vol. Excedente Máximo
DD	0	0	1.582
DPER	0	0	0
DPAI	0	0	0
DPAA	0	0	0
DSU	0	0	0
DSR	3	3	3
DIMP	0	0	0
DADT	0	0	0
DLAG	0	0	0
Total	3	3	1.585

DD: Disponibilidade de Deflúvio
DPER: Disponibilidade de Perenização
DPAA: Disponibilidade da Pequena Acudagem Inter-Anual
DPAI: Disponibilidade da Pequena Acudagem Anual
DSU: Disponibilidade Subterrânea Urbana
DSR: Disponibilidade Subterrânea Rural

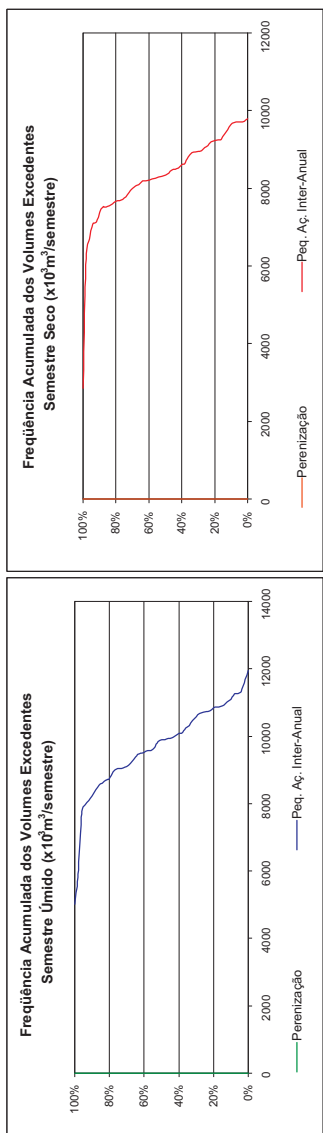
DHUC: Demanda Humana Concentrada
DHUD: Demanda Humana Difusa
DHUR: Demanda Humana Rural
DAR: Demanda Animal Rural
DI: Demanda Industrial
DIR: Demanda de Irrigação

DIMP: Disponibilidade de Importação
DADT: Disponibilidade de Adutora
DLAG: Disponibilidade de Lagoa





Itaitinga Consolidação dos Resultados do Balanço Hídrico Distribuído por Município Horizonte 2020 com Infra-Estrutura Atual



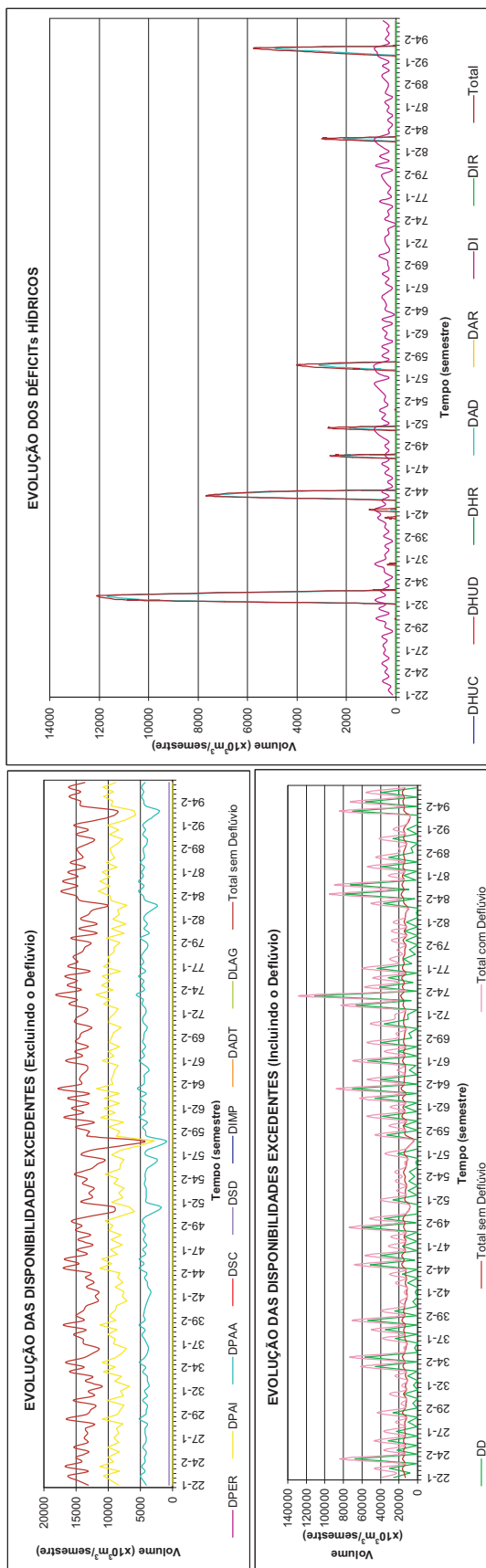
DD: Disponibilidade de Deflúvio
DPER: Disponibilidade de Perenização
DPAA: Disponibilidade da Pequena Acudagem Inter-Anual
DPAA: Disponibilidade da Pequena Acudagem Inter-Anual
DSU: Disponibilidade Subterrânea Urbana
DSR: Disponibilidade Subterrânea Rural

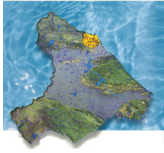
DHUC: Demanda Humana Concentrada
DHUD: Demanda Humana Difusa
DHUR: Demanda Humana Rural
DI: Demanda Industrial
DIR: Demanda de Irrigação

DIMP: Disponibilidade de Importação
DAOT: Disponibilidade de Adutora
DLAG: Disponibilidade de Lagoa

DEMANDA	Deficit Médio		Deficit Máximo		Deficit Médio	Deficit Máximo
	($\times 10^6 \text{m}^3/\text{Semestre}$)	(% Demanda)	($\times 10^6 \text{m}^3/\text{Semestre}$)	(% Demanda)		
DHUC	0	0,00	0	0,00	0,00	0,00
DHUD	0	0,00	0	0,00	7,57	7,57
DHUR	5	0,27	2	0,27	8,28	8,28
DI	431	41,10	861	82,01	0,00	0,00
DIR	0	0,00	0	0,00	-3,98	-3,98
Total	-6,991	-3,98	12,002	7,25		

Disponibilidades	Vol. Excedente com 90% garantia		Vol. Excedente Médio		Vol. Excedente Máximo	
	Mínimo	Máximo	Mínimo	Máximo	Mínimo	Máximo
DD	0	161	4,536	110,707	0	0
DPER	0	7,558	9,041	11,946	0	0
DPAA	1,003	3,742	4,300	5,682	0	0
DSU	31	31	31	31	0	0
DSR	540	541	541	542	0	0
DIMP	0	0	0	0	0	0
DAOT	0	0	0	0	0	0
DLAG	0	0	0	0	0	0
Total	4,433	12,277	17,841	128,887		

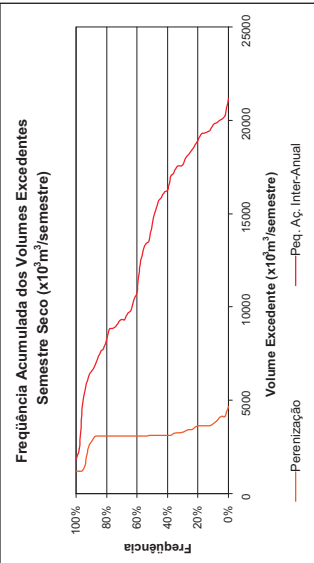
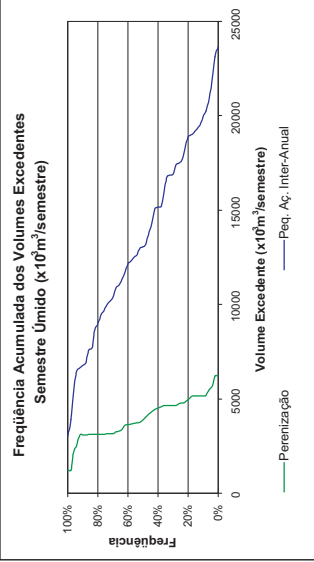




Itapituna Consolidação dos Resultados do Balanço Hídrico Distribuído por Município Horizonte 2020 com Infra-Estrutura Atual

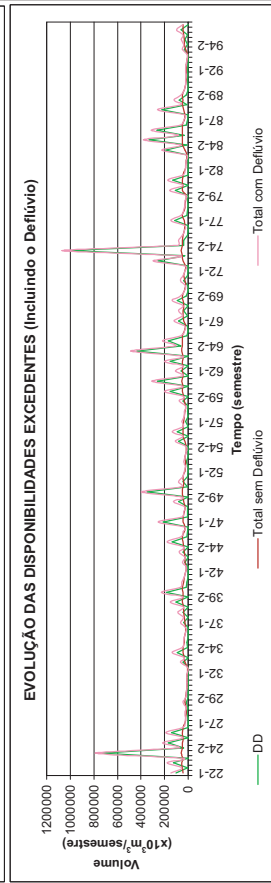
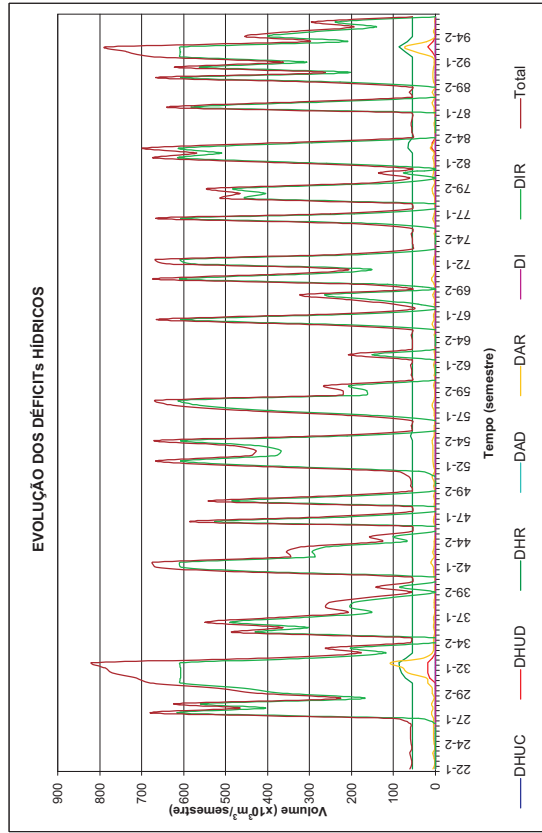
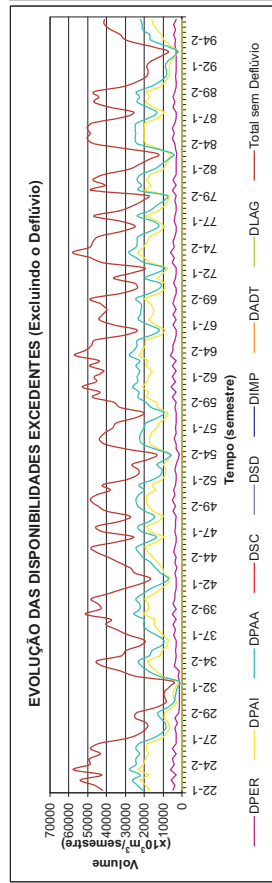
DEMANDA	Estatísticas das Demandas		
	Déficit Médio (x10 ⁶ m ³ /semestre)	Déficit Máximo (x10 ⁶ m ³ /semestre)	Déficit Médio (% Demanda)
DHUC	0	0	0,00
DHUD	1	18	0,78
DHUR	56	86	39,23
DAR	6	106	4,02
DI	0	0	0,00
DIR	217	607	32,49
Total	281	818	17,54

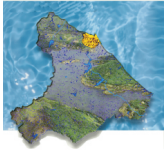
Disponibilidades	Estatísticas das Disponibilidades Excedentes (x10 ⁶ m ³ /semestre)		
	Vol. Excedente Mínimo	Vol. Excedente com 90% garantia	Vol. Excedente Máximo
DD	0	151	1.005.160
DPER	1.212	3.077	3.268
DPAI	1.834	6.664	13.404
DPAA	1.430	8.394	19.145
DSU	0	0	0
DSR	60	73	73
DIMP	0	0	0
DADT	0	0	0
DLAG	0	0	0
Total	4.537	16.326	1.067.179



DHUC: Demanda Humana Concentrada
 DHUD: Demanda Humana Difusa
 DHUR: Demanda Humana Rural
 DAR: Demanda Animal Rural
 DI: Demanda Industrial
 DIR: Demanda de Irrigação

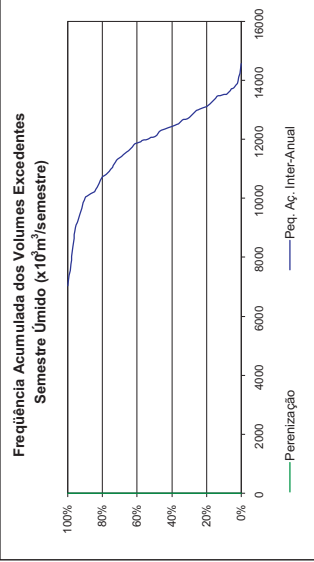
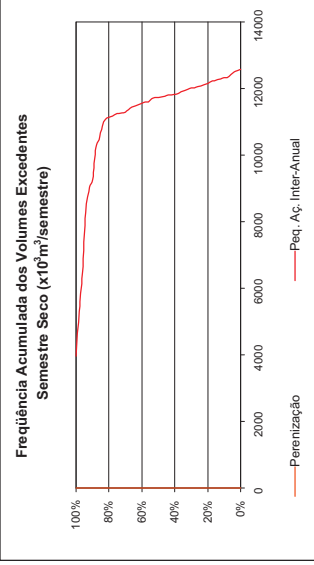
DD: Disponibilidade de Deflúvio
 DPER: Disponibilidade de Perenização
 DPAI: Disponibilidade da Pequena Acumulação Inter-Anual
 DPAA: Disponibilidade da Pequena Acumulação Anual
 DSU: Disponibilidade Subterrânea Urbana
 DSR: Disponibilidade Subterrânea Rural





Maracaná Consolidação dos Resultados do Balanço Hídrico Distribuído por Município Horizonte 2020 com Infra-Estrutura Atual

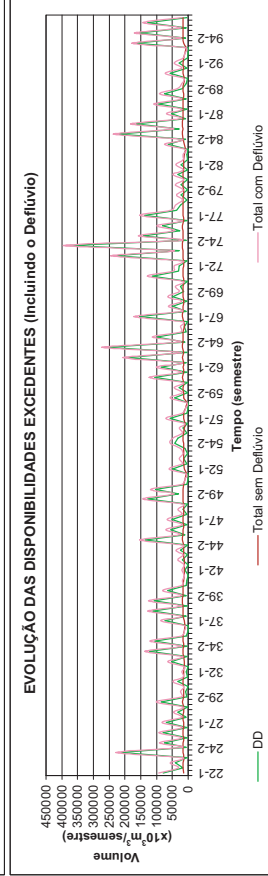
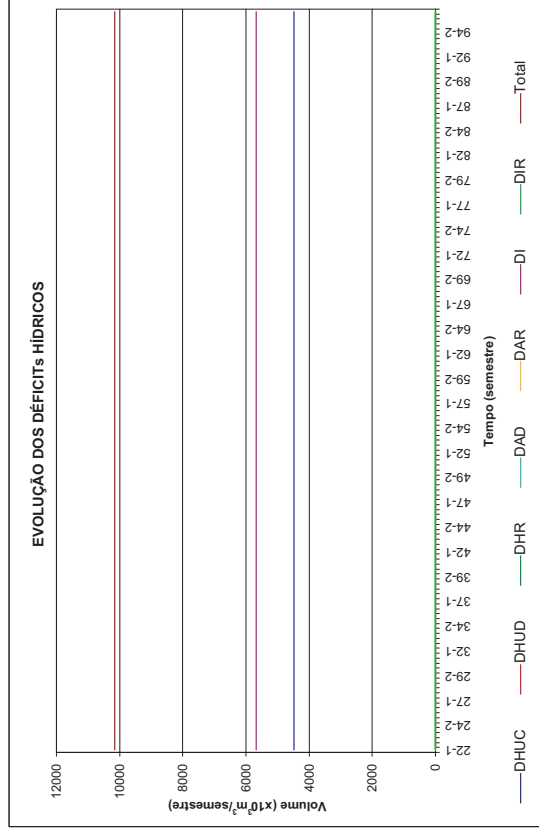
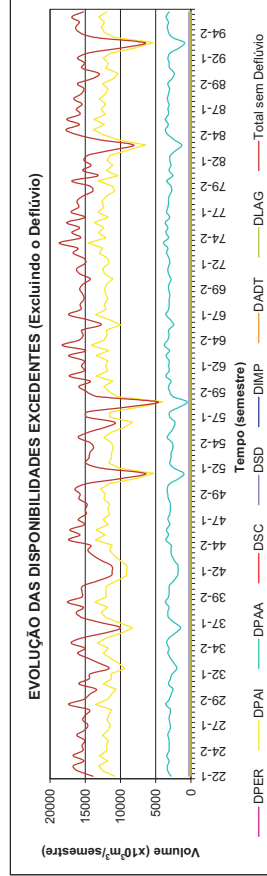
DEMANDA	Deficit Médio		Deficit Máximo		Deficit Médio (% Demanda)
	(x10 ⁶ m ³ /semestre)	(x10 ⁶ m ³ /semestre)	(x10 ⁶ m ³ /semestre)	(x10 ⁶ m ³ /semestre)	
DHUC	4.489	4.489	55,16	55,16	0,00
DHUD	0	0	0,00	0,00	0,00
DHUR	0	0	0,00	0,00	0,00
DAR	0	3	0,15	3,55	0,00
DI	5.670	5.670	61,96	61,96	0,00
DIR	0	0	0,00	0,00	0,00
Total	10.160	10.163	53,45	53,47	

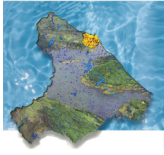


Disponibilidades	Vol. Excedente com 90% garantia		Vol. Excedente Médio		Vol. Excedente Máximo
	Mínimo	Máximo	Mínimo	Máximo	
DD	0	1.271	10,671	376,010	0
DPER	0	0	0	0	0
DPAI	3.963	9.658	11,832	14,570	3,870
DPAA	516	2.323	3,051	3,870	0
DSU	0	0	0	0	0
DSR	263	288	298	298	0
DIMP	0	0	0	0	0
DADT	0	0	0	0	0
DLAG	0	0	0	0	0
Total	4.743	14.266	25,165	394,748	

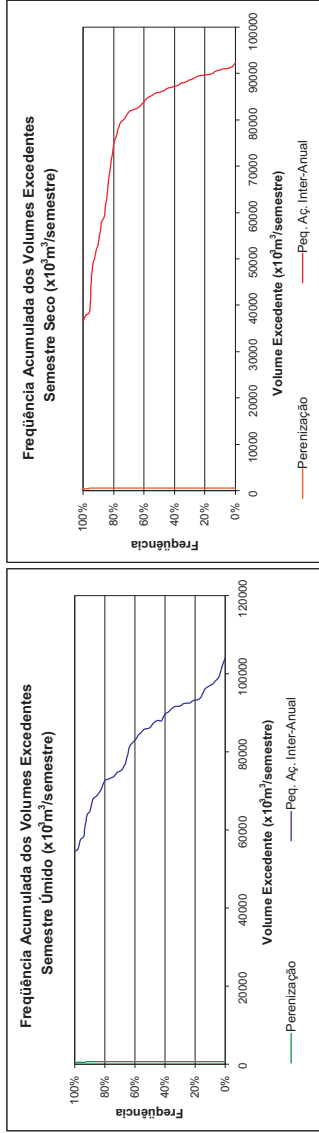
DHUC: Demanda Humana Concentrada
 DHUD: Demanda Humana Difusa
 DHUR: Demanda Humana Rural
 DAR: Demanda Animal Rural
 DI: Demanda Industrial
 DIR: Demanda de Irrigação

DD: Disponibilidade de Deflúvio
 DPER: Disponibilidade de Perenização
 DPAI: Disponibilidade da Pequena Açudagem Inter-Anual
 DPAA: Disponibilidade da Pequena Açudagem Anual
 DSU: Disponibilidade Subterrânea Urbana
 DSR: Disponibilidade Subterrânea Rural





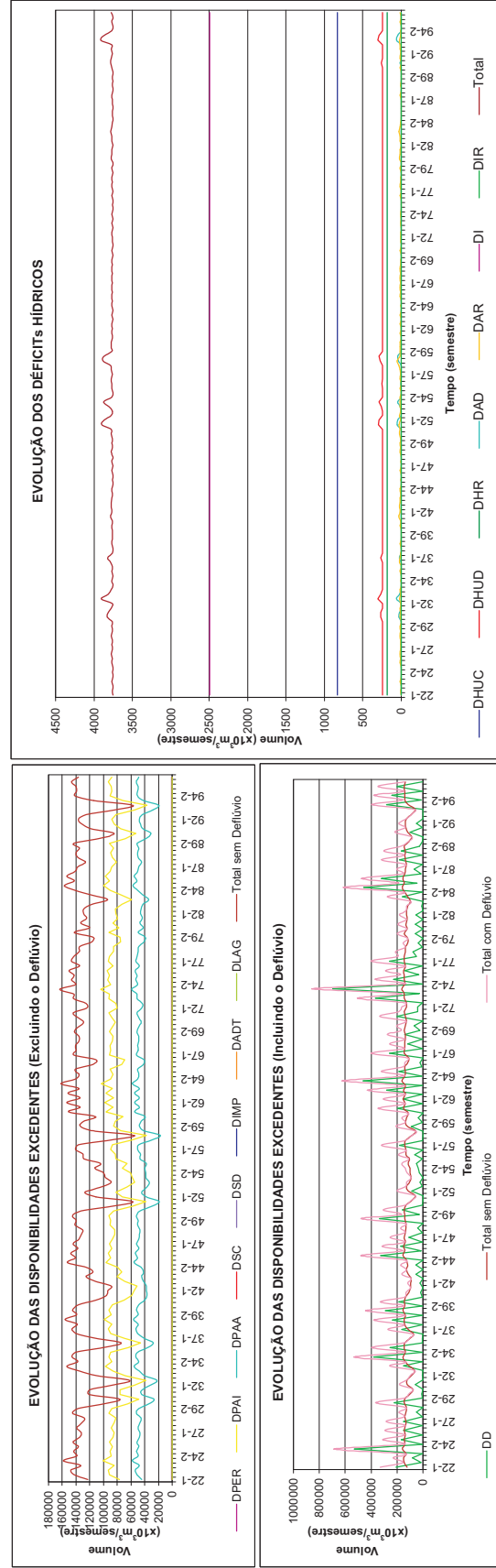
Maranguape Consolidação dos Resultados do Balanço Hídrico Distribuído por Município Horizonte 2020 com Infra-Estrutura Atual

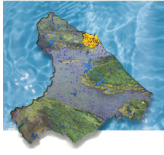


Estatísticas das Demandas			
DEMANDA	Déficit Médio (x10 ⁶ m ³ /semestre)	Déficit Máximo (x10 ⁶ m ³ /semestre)	Déficit Médio (% Demanda)
DHUC	834	834	51,25
DHUD	246	307	33,82
DHUR	181	184	45,30
DAR	10	56	2,41
DI	2.498	2.498	64,86
DIR	0	0	0,00
Total	3.772	3.912	52,68

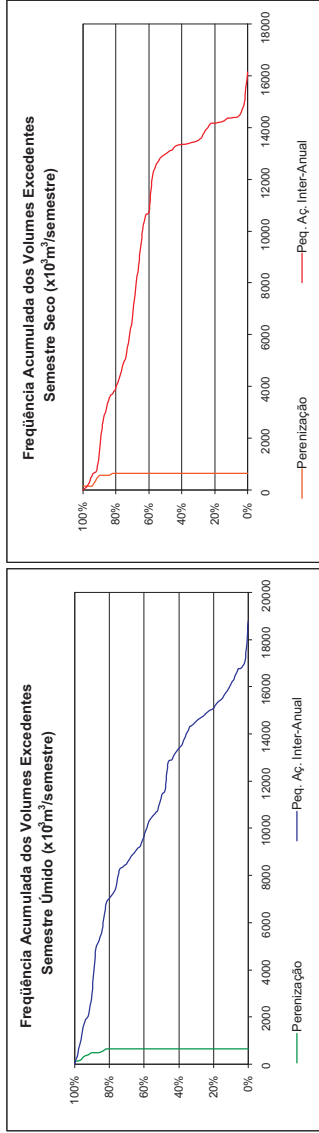
Estatísticas das Disponibilidades Excedentes (x10 ⁶ m ³ /semestre)			
Disponibilidades	Vol. Excedente Mínimo	Vol. Excedente com 90% garantia	Vol. Excedente Médio
DD	56	1.123	20.889
DPER	301	555	577
DPAI	36.389	58.439	86.015
DPAA	17.429	36.496	48.208
DSU	0	0	0
DSR	114	114	114
DIMP	0	0	0
DADT	0	0	0
DLAG	0	0	0
Total	55.926	104.585	150.876

- DD: Demanda Humana Concentrada
- DHUD: Demanda Humana Difusa
- DHUR: Demanda Humana Rural
- DAR: Demanda Animal Rural
- DI: Demanda Industrial
- DIR: Demanda de Irrigação
- DHUC: Disponibilidade de Defluvio
- DPER: Disponibilidade de Perenização
- DPAI: Disponibilidade da Pequena Acudagem Inter-Anual
- DPAA: Disponibilidade da Pequena Acudagem Anual
- DSU: Disponibilidade Subterrânea Urbana
- DSR: Disponibilidade Subterrânea Rural
- DIMP: Disponibilidade de Importação
- DADT: Disponibilidade de Adutora
- DLAG: Disponibilidade de Lagoa





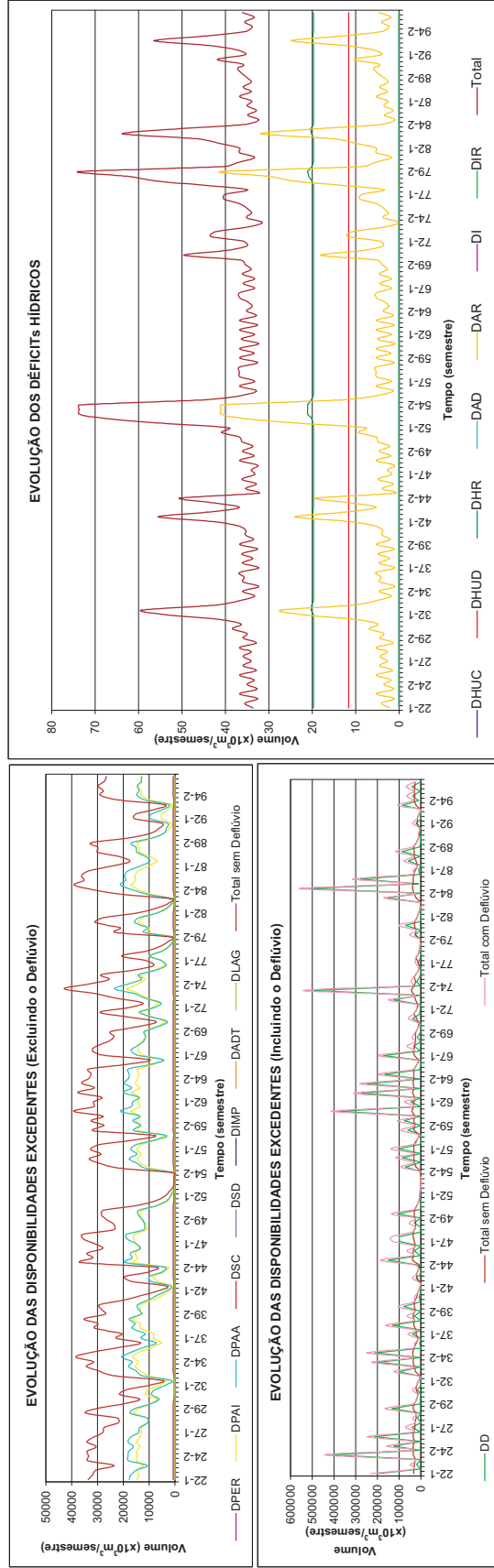
Morada Nova Consolidação dos Resultados do Balanço Hídrico Distribuído por Município Horizonte 2020 com Infra-Estrutura Atual

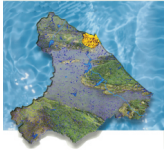


DD: Disponibilidade de Deflúvio
 DPER: Disponibilidade de Perenização
 DPAA: Disponibilidade da Pequena Açudagem Inter-Anual
 DSU: Disponibilidade Subterrânea Urbana
 DSR: Disponibilidade Subterrânea Rural
 DHUC: Demanda Humana Concentrada
 DHUR: Demanda Humana Difusa
 DAR: Demanda Animal Rural
 DI: Demanda Industrial
 DIR: Demanda de Irrigação
 DIMP: Disponibilidade de Importação
 DAOT: Disponibilidade de Adutora
 DLAG: Disponibilidade de Lagoa

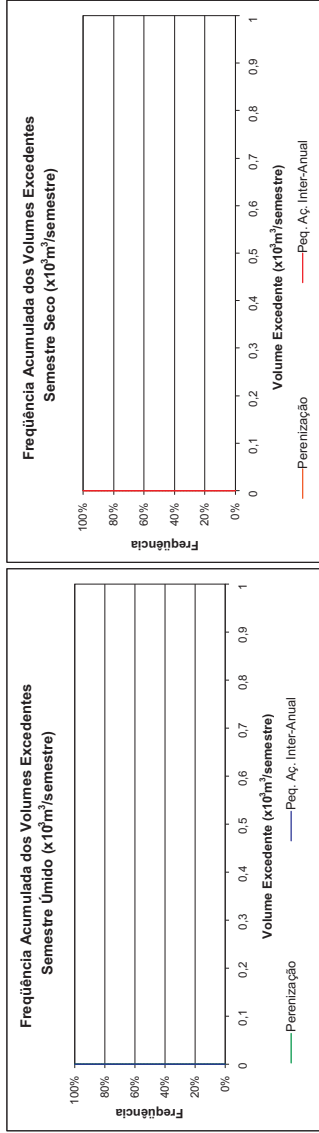
Estatísticas das Demandas			
DEMANDA	Déficit Médio (x10 ³ m ³ /semestre)	Déficit Máximo	Déficit Médio (% Demanda)
DHUC	0	0,00	0,00
DHUD	12	9,14	9,14
DHUR	20	16,86	17,88
DAR	7	41	38,21
DI	0	0,00	0,00
DIR	0	0,00	0,00
Total	39	74	11,01

Estatísticas das Disponibilidades Excedentes (x10 ³ m ³ /semestre)			
Disponibilidades	Vol. Excedente Mínimo	Vol. Excedente com 90% garantia	Vol. Excedente Médio Máximo
DD	0	0	521.529
DPER	143	480	642
DPAA	0	2.230	12.778
DPAA	0	2.904	13.035
DSU	4	4	4
DSR	219	266	269
DIMP	0	0	0
DADT	0	0	0
DLAG	0	0	0
Total	366	6.301	31.468





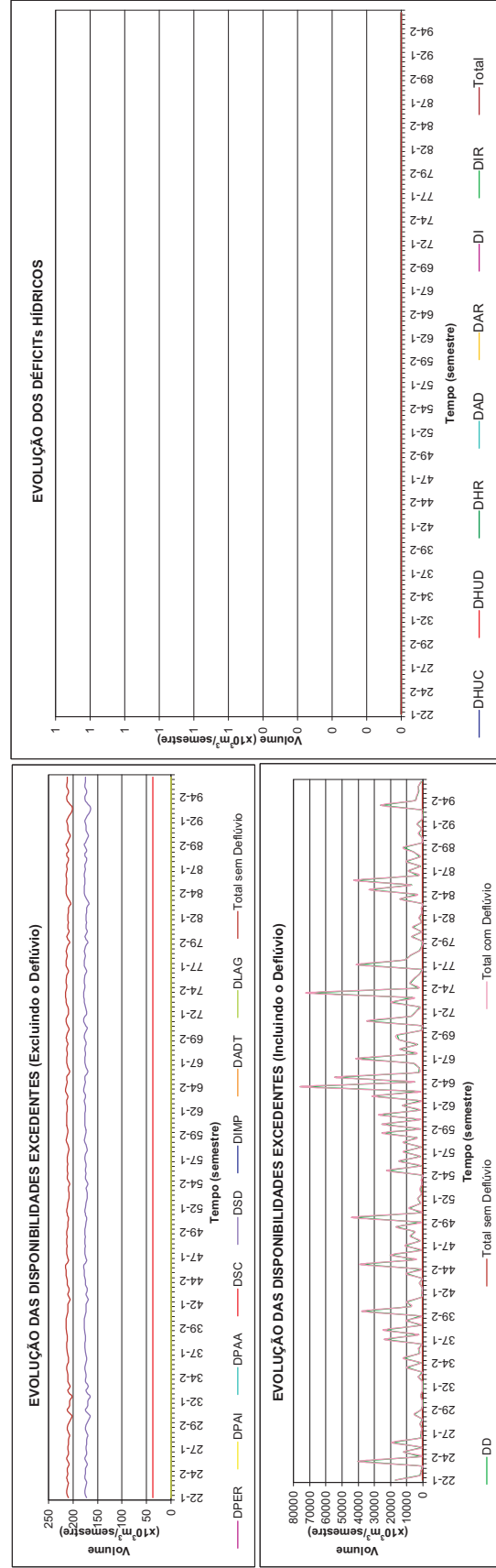
Mulungu Consolidação dos Resultados do Balanço Hídrico Distribuído por Município Horizonte 2020 com Infra-Estrutura Atual

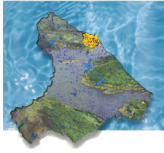


Estatísticas das Demandas			
DEMANDA	Déficit Médio (x10 ⁹ m ³ /Semestre)	Déficit Máximo	Déficit Médio (% Demanda)
DHUC	0	0	0,00
DHUD	0	0	0,00
DHUR	0	0	0,00
DAR	0	0	0,00
DI	0	0	0,00
DIR	0	0	0,00
Total	0	0	0,00

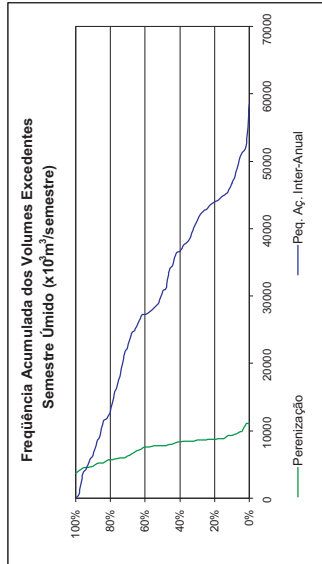
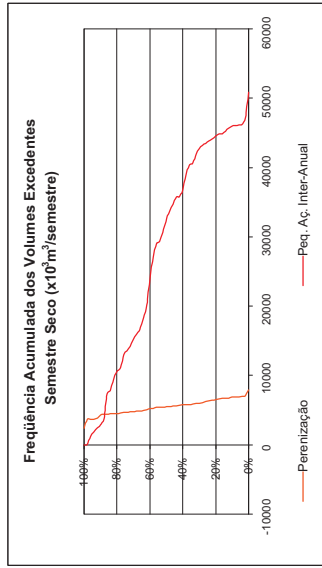
Estatísticas das Disponibilidades Excedentes (x10 ⁹ m ³ /Semestre)			
Disponibilidades	Vol. Excedente Mínimo	Vol. Excedente com 90% garantia	Vol. Excedente Médio
DD	0	330	2.565
DPER	0	0	0
DPAI	0	0	0
DPAA	0	0	0
DSU	37	37	37
DSR	165	171	174
DIMP	0	0	0
DADT	0	0	0
DLAG	0	0	0
Total	202	538	2.776

- DD: Demanda Humana Concentrada
- DHUD: Demanda Humana Difusa
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- DD: Disponibilidade de Deflúvio
- DPER: Disponibilidade de Perenização
- DPAA: Disponibilidade da Pequena Acudagem Inter-Anual
- DPAI: Disponibilidade da Pequena Acudagem Inter-Anual
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Ocara Consolidação dos Resultados do Balanço Hídrico Distribuído por Município Horizonte 2020 com Infra-Estrutura Atual



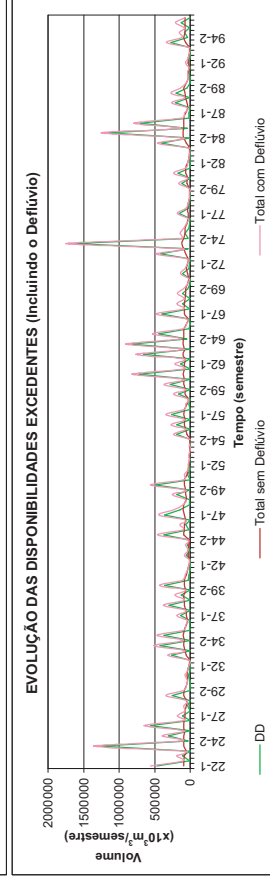
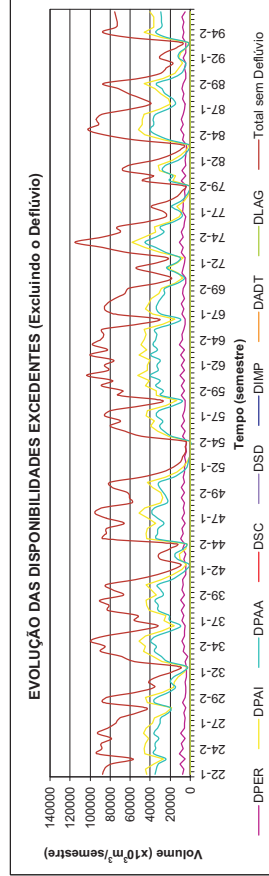
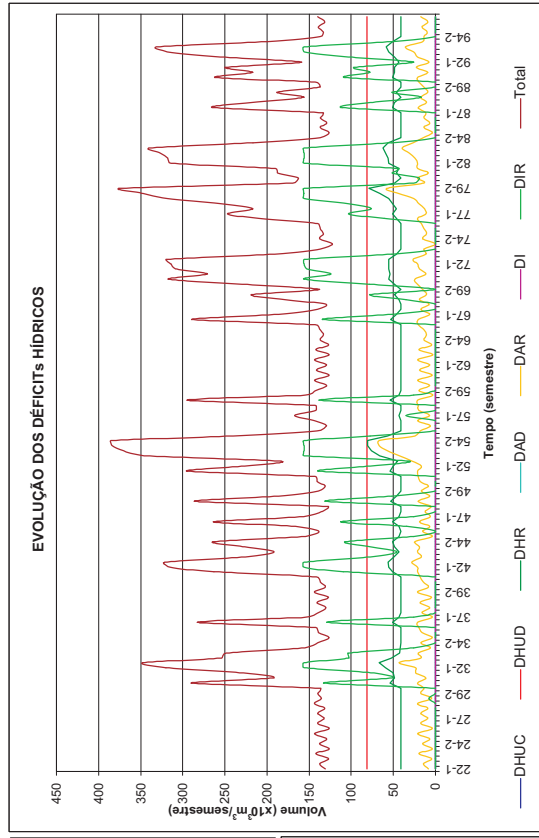
DEMANDA	Estadísticas das Demandas		Déficit Médio (% Demanda)	Déficit Máximo
	Déficit Médio ($\times 10^3$ m³/semestre)	Déficit Máximo ($\times 10^3$ m³/semestre)		
DHUC	0	0	0,00	0,00
DHUD	81	81	100,00	100,00
DHUR	47	81	24,55	42,51
DAR	17	67	12,45	48,45
DI	0	0	0,00	0,00
DIR	47	156	15,11	50,00
Total	192	385	21,07	42,17

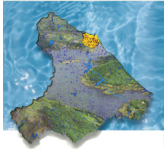
Disponibilidades	Estadísticas das Disponibilidades Excedentes ($\times 10^3$ m³/semestre)		Vol. Excedente Médio	Vol. Excedente Máximo
	Vol. Excedente Mínimo	Vol. Excedente com 90% garantia		
DD	0	0	13,242	1,835,252
DPER	2,390	4,509	6,022	10,966
DPAI	0	4,456	31,126	58,410
DPAA	0	4,138	25,689	45,202
DSU	50	50	50	50
DSR	506	545	550	570
DIMP	0	0	0	0
DADT	0	0	0	0
DLAG	0	0	0	0
Total	4,285	17,557	82,087	1,750,480

DD: Disponibilidade de Deflúvio
DPER: Disponibilidade de Perenitização
DPAA: Disponibilidade da Pequena Acumulação Inter-Anual
DPAA: Disponibilidade da Pequena Acumulação Inter-Anual
DSU: Disponibilidade Subterrânea Urbana
DSR: Disponibilidade Subterrânea Rural

DHUC: Demanda Humana Concentrada
DHUD: Demanda Humana Difusa
DHUR: Demanda Humana Rural
DAR: Demanda Animal Rural
DI: Demanda Industrial
DIR: Demanda de Irrigação

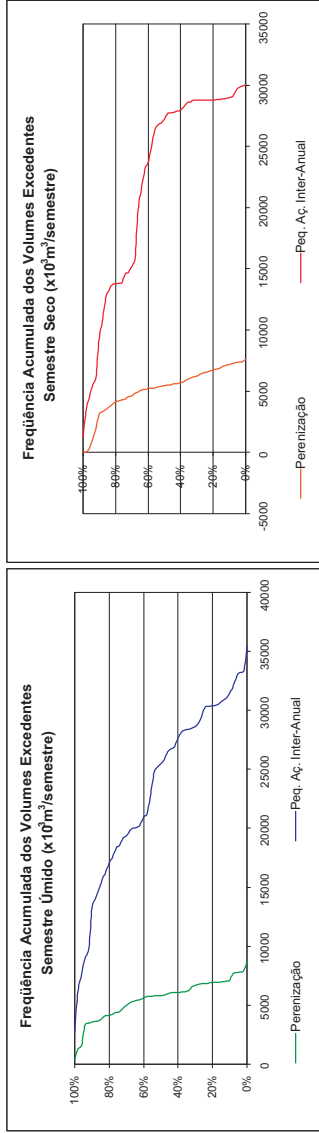
DIMP: Disponibilidade de Importação
DADT: Disponibilidade de Adutora
DLAG: Disponibilidade de Lagoa





Pacajus

Consolidação dos Resultados do Balanço Hídrico Distribuído por Município Horizonte 2020 com Infra-Estrutura Atual



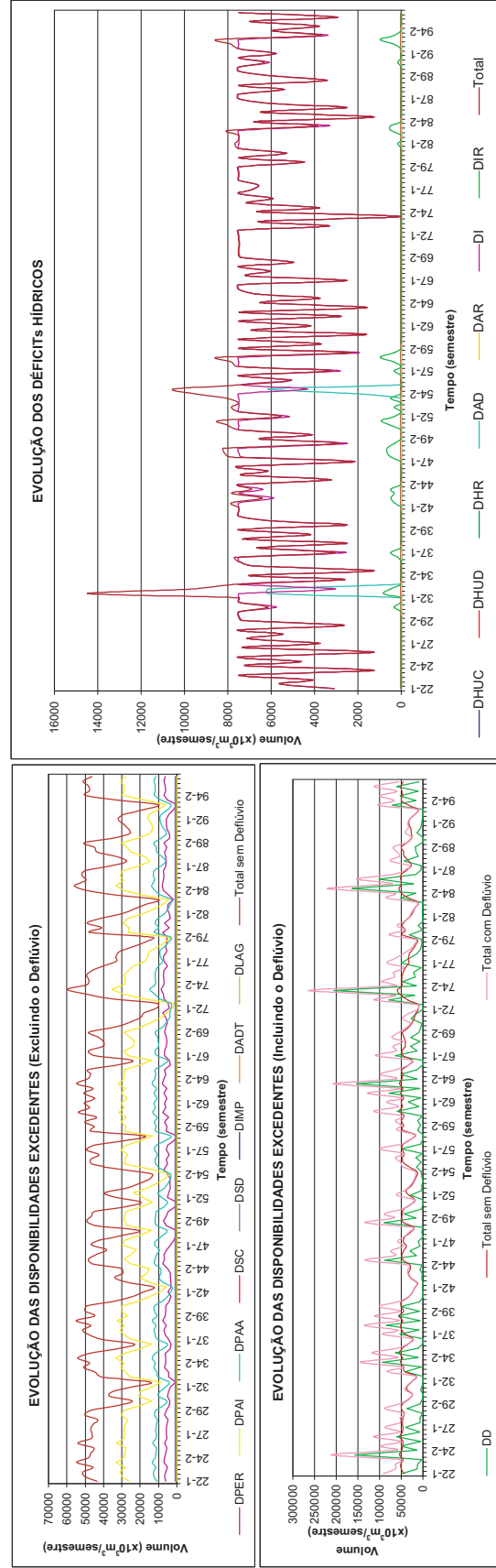
DD: Disponibilidade de Deflúvio
 DPER: Disponibilidade de Perenização
 DPAA: Disponibilidade da Pequena Açudagem Inter-Anual
 DPAA: Disponibilidade da Pequena Açudagem Anual
 DSU: Disponibilidade Subterrânea Urbana
 DSR: Disponibilidade Subterrânea Rural

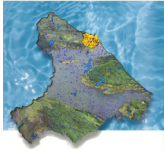
DHUC: Demanda Humana Concentrada
 DHUD: Demanda Humana Difusa
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DIMP: Disponibilidade de Importação
 DAOT: Disponibilidade de Adutora
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Estatísticas das Demandas			
DEMANDA	Déficit Médio (x10 ³ m ³ /semestre)	Déficit Máximo (x10 ³ m ³ /semestre)	Déficit Médio (% Demanda)
DHUC	0	0,00	0,00
DHUD	39	68,87	68,87
DHUR	0	0,00	0,00
DAR	0	0,00	0,00
DI	5,371	7,486	76,59
DIR	90	98,0	9,17
Total	6,238	14,463	6,00

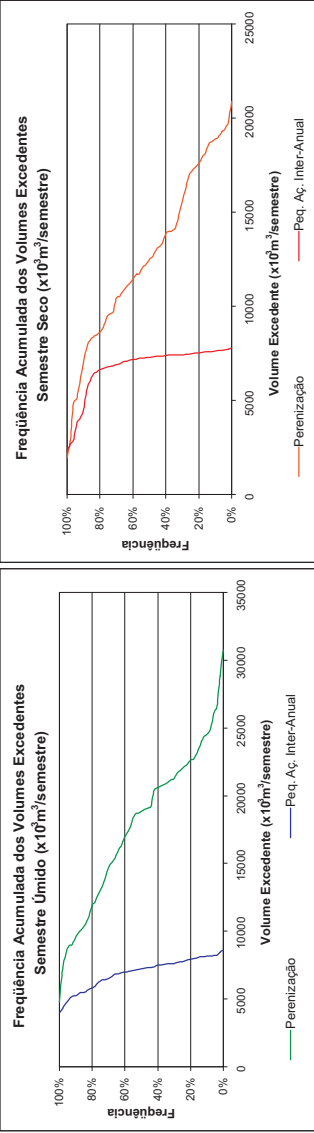
Estatísticas das Disponibilidades Excedentes (x10 ³ m ³ /semestre)			
Disponibilidades	Vol. Excedente Mínimo	Vol. Excedente com 90% garantia	Vol. Excedente Médio Máximo
DD	0	41,2	205,141
DPER	0	3,379	5,707
DPAA	1,178	10,020	26,638
DPAA	2,580	4,605	10,831
DSU	0	0	0
DSR	974	1,014	1,023
DIMP	0	0	0
DAOT	0	0	0
DLAG	0	0	0
Total	10,351	20,887	55,188





Pacatuba

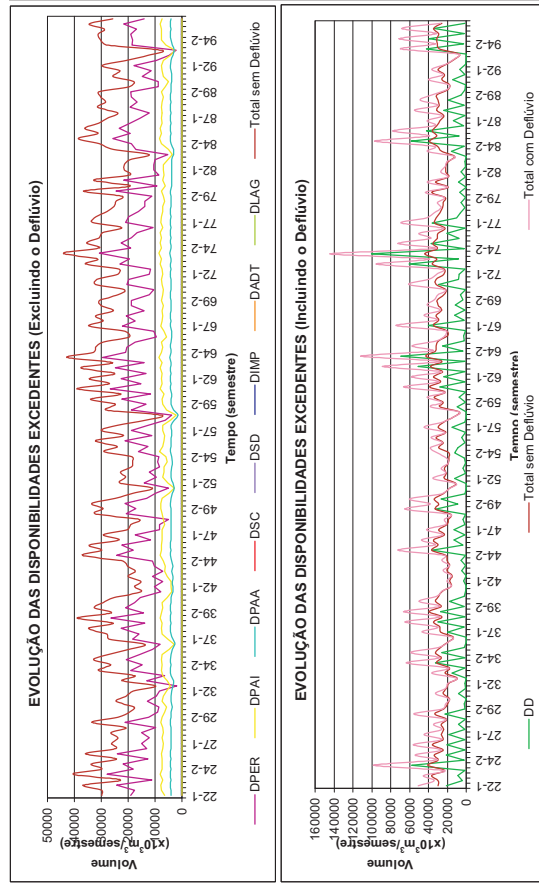
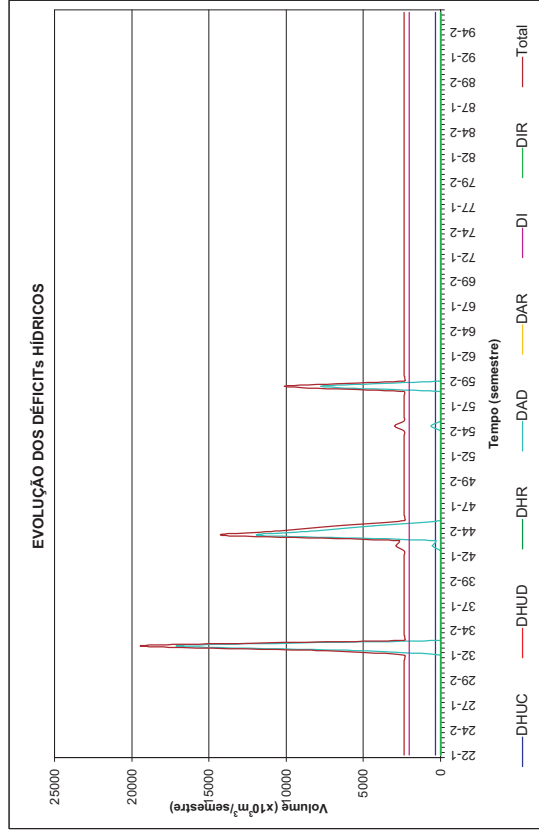
Consolidação dos Resultados do Balanço Hídrico Distribuído por Município Horizonte 2020 com Infra-Estrutura Atual

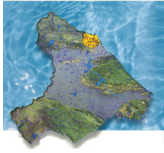


- DD: Disponibilidade de Deflúvio
- DPER: Disponibilidade de Perenização
- DPAA: Disponibilidade da Pequena Açudagem Inter-Anual
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- DAR: Demanda Animal Rural
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- DIMP: Disponibilidade de Importação
- DAOT: Disponibilidade de Adutora
- DLAG: Disponibilidade de Lagoa

Estatísticas das Demandas			
DEMANDA	Déficit Médio (x10 ⁹ m ³ /semestre)	Déficit Máximo (x10 ⁹ m ³ /semestre)	Déficit Médio (% Demanda)
DHUC	318	318	65,88
DHUR	0	0,00	0,00
DHUR	1	1,85	1,85
DAR	12	1,72	14,41
DI	2,037	73,76	73,76
DIR	0	0,00	0,00
Total	2,727	19,419	1,64

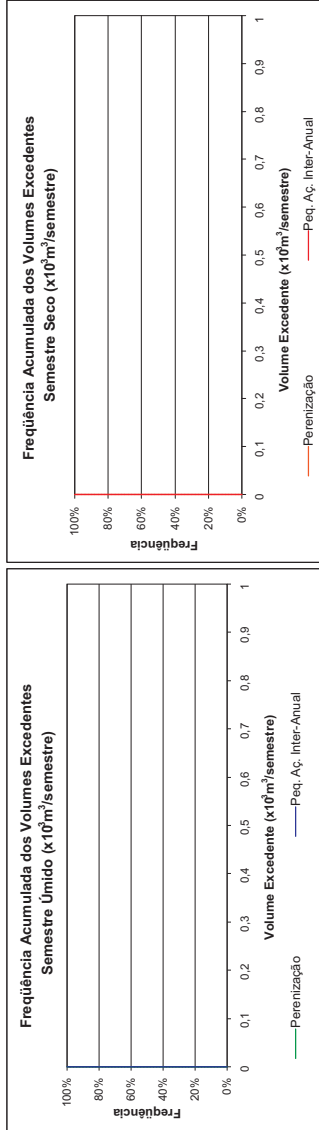
Estatísticas das Disponibilidades Excedentes (x10 ⁹ m ³ /semestre)			
Disponibilidades	Vol. Excedente Mínimo	Vol. Excedente com 90% garantia	Vol. Excedente Médio
DD	0	380	2,931
DPER	1,939	8,319	15,046
DPAA	2,254	5,215	7,280
DPAA	1,362	3,430	4,096
DSU	0	0	0
DSR	207	212	214
DIMP	0	0	0
DADT	0	0	0
DLAG	0	0	0
Total	7,516	16,683	30,979





Pacoti

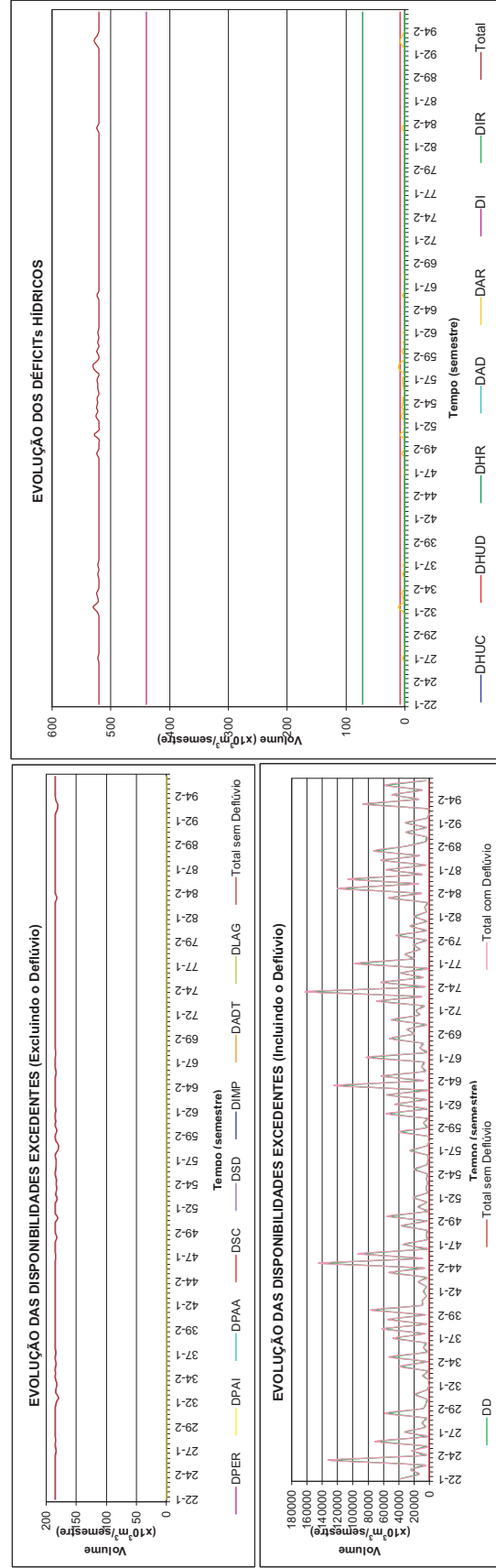
Consolidação dos Resultados do Balanço Hídrico Distribuído por Município Horizonte 2020 com Infra-Estrutura Atual

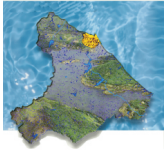


DEMANDA	Deficit Médio		Deficit Máximo		Deficit Médio (% Demanda)
	(x10 ³ m ³ /Semestre)	(x10 ³ m ³ /Semestre)	(x10 ³ m ³ /Semestre)	(x10 ³ m ³ /Semestre)	
DHUC	0	0,00	0	0,00	0,00
DHUD	8	58,04	8	58,04	58,04
DHUR	72	37,51	72	37,51	37,51
DAR	1	3,57	11	44,56	44,56
DI	440	85,67	440	85,67	85,67
DIR	0	0,00	0	0,00	0,00
Total	521	63,09	531	64,30	64,30

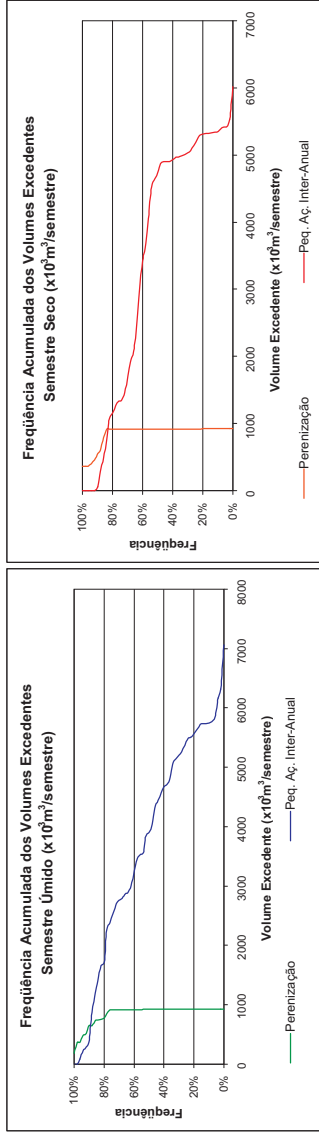
Disponibilidades	Vol. Excedente com 90% garantia		Vol. Excedente Médio		Vol. Excedente Máximo
	Mínimo	Máximo	Mínimo	Máximo	
DD	24	2,625	8,951	162,164	0
DPER	0	0	0	0	0
DPAI	0	0	0	0	0
DPAA	0	0	0	0	0
DSU	0	0	0	0	0
DSR	179	183	185	185	185
DIMP	0	0	0	0	0
DADT	0	0	0	0	0
DLAG	0	0	0	0	0
Total	205	2,810	9,136	162,349	162,349

- DD: Disponibilidade de Deflúvio
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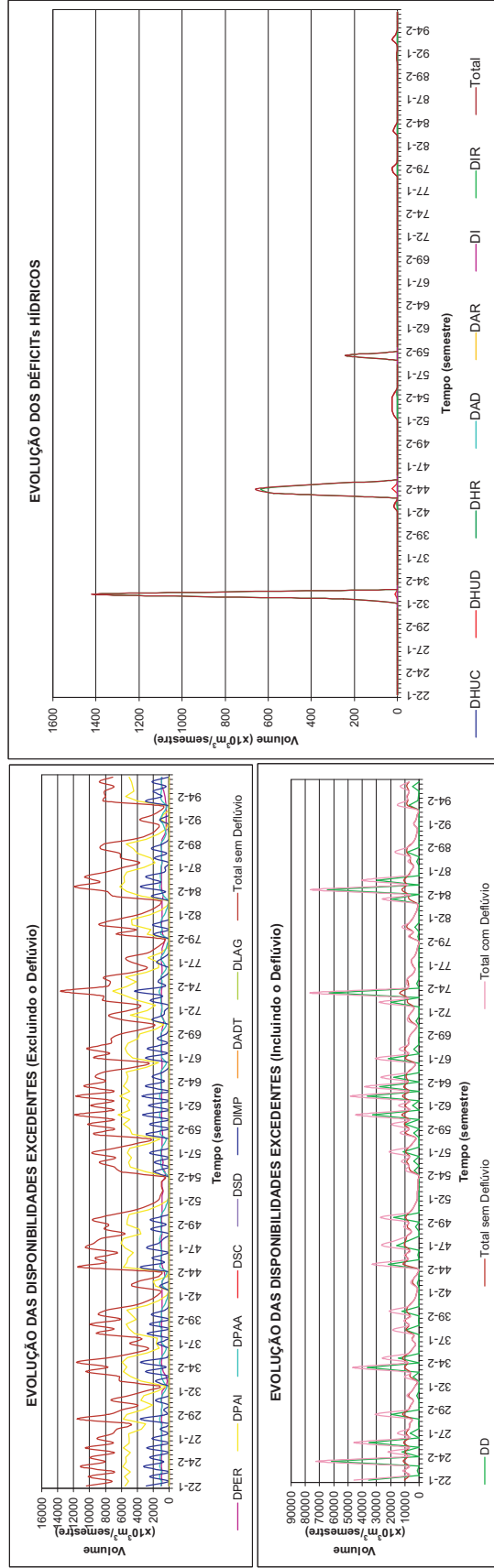
Palhano Consolidação dos Resultados do Balanço Hídrico Distribuído por Município Horizonte 2020 com Infra-Estrutura Atual

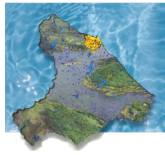


Estatísticas das Demandas			
DEMANDA	Déficit Médio (x10 ³ m ³ /Semestre)	Déficit Máximo (x10 ³ m ³ /Semestre)	Déficit Médio (% Demanda)
DHUC	0	0	0,00
DHUD	2	24	8,65
DHUR	0	0	0,01
DAR	0	0	0,01
DI	0	0	0,00
DIR	23	1408	0,53
Total	25	1421	0,57

Estatísticas das Disponibilidades Excedentes (x10 ³ m ³ /Semestre)			
Disponibilidades	Vol. Excedente Mínimo	Vol. Excedente com 90% garantia	Vol. Excedente Máximo
DD	0	0	64.472
DPER	186	550	920
DPAI	0	295	4.380
DPAA	0	334	956
DSU	0	0	1.243
DSR	54	60	63
DIMP	3	10	335
DADT	0	0	4.377
DLAG	0	0	0
Total	519	1.418	76.897

- DHUC: Demanda Humana Concentrada
- DHUD: Demanda Humana Difusa
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- DI: Demanda Industrial
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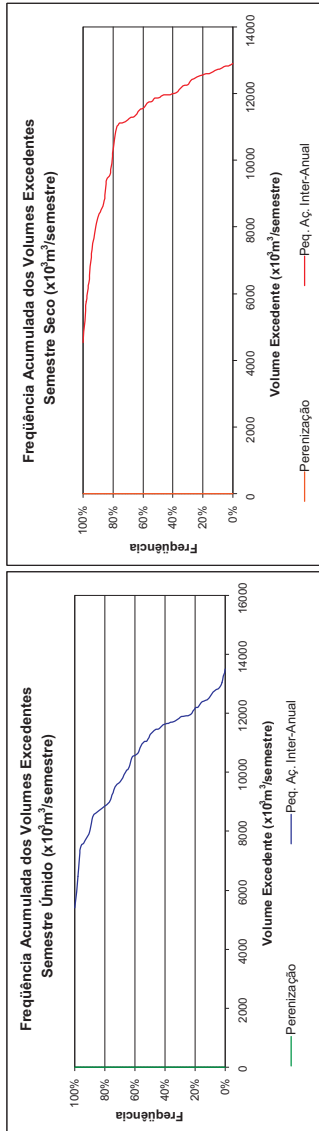




Palmeira

Consolidação dos Resultados do Balanço Hídrico Distribuído por Município

Horizonte 2020 com Infra-Estrutura Atual

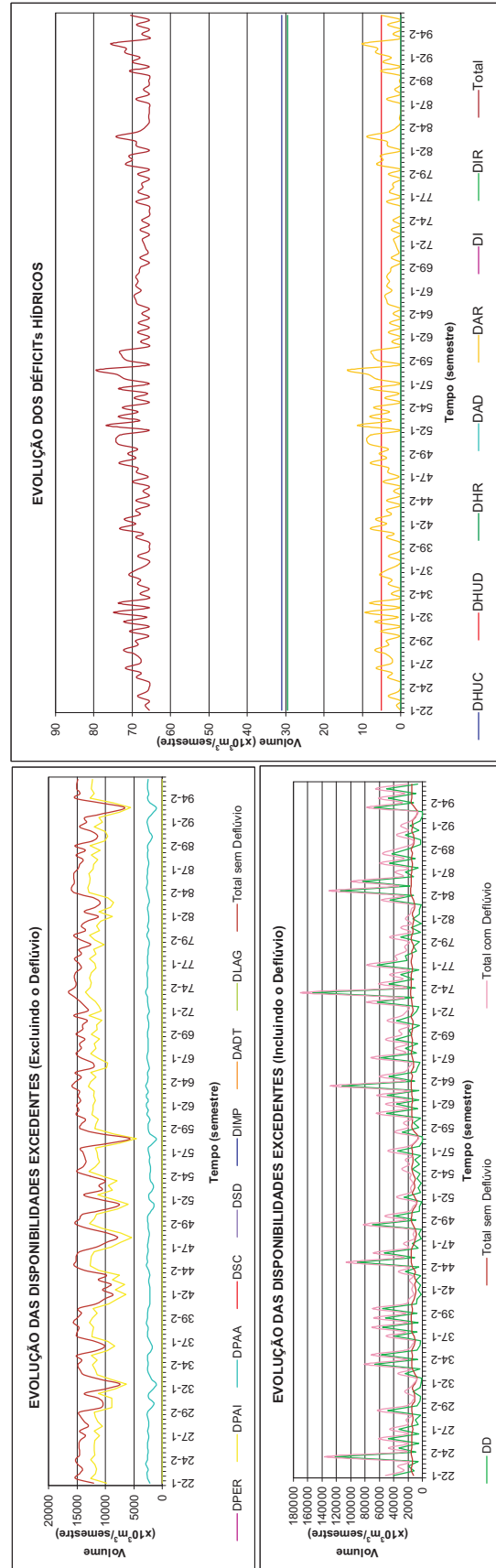


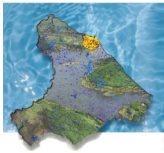
DD: Disponibilidade de Deflúvio
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DHUC: Demanda Humana Concentrada
 DHUD: Demanda Humana Difusa
 DHUR: Demanda Humana Rural
 DI: Demanda Industrial
 DIR: Demanda de Irrigação

DEMANDA	Estadísticas das Demandas		Deficit Médio (% Demanda)	Deficit Máximo
	Deficit Médio (x10 ⁶ m ³ /Semestre)	Deficit Máximo (x10 ⁶ m ³ /Semestre)		
DHUC	31	31	37,48	37,48
DHUD	5	5	55,91	55,91
DHUR	29	29	27,85	27,85
DAR	3	14	4,30	20,84
DI	0	0	0,00	0,00
DIR	0	0	0,00	0,00
Total	68	79	25,90	30,06

Disponibilidades	Estadísticas das Disponibilidades Excedentes (x10 ⁶ m ³ /Semestre)		Vol. Excedente Médio	Vol. Excedente Máximo
	Vol. Excedente Mínimo	Vol. Excedente com 90% garantia		
DD	85	2.270	9.281	153.319
DPER	0	0	0	0
DPAA	4.529	8.203	11.606	13.495
DPAA	1.032	1.907	2.472	2.905
DSU	10	10	10	10
DSR	62	65	67	67
DIMP	0	0	0	0
DADT	0	0	0	0
DLAG	0	0	0	0
Total	5.747	13.029	24.068	169.796

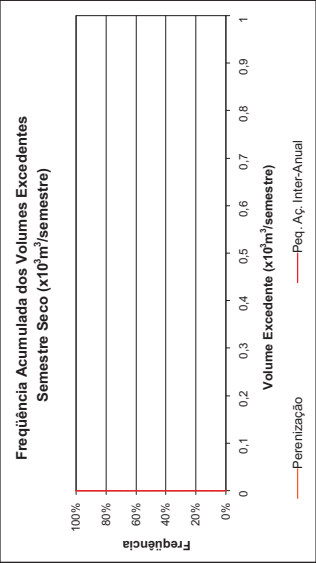
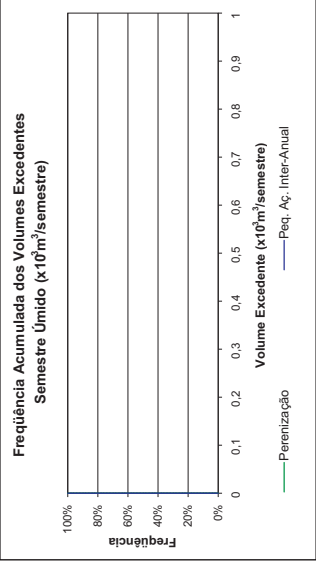




Paracuru Consolidação dos Resultados do Balanço Hídrico Distribuído por Município Horizonte 2020 com Infra-Estrutura Atual

DEMANDA	Déficit Médio		Déficit Máximo		Déficit Médio (% Demanda)
	(x10 ⁶ m ³ /semestre)	(x10 ⁶ m ³ /semestre)	(x10 ⁶ m ³ /semestre)	(x10 ⁶ m ³ /semestre)	
DHUC	0	0	0	0	0,00
DHUD	0	0	0	0	0,00
DHUR	0	0	0	0	0,00
DAR	0	0	0	0	0,00
DI	0	0	0	0	0,00
DIR	0	0	0	0	0,00
Total	0	0	0	0	0,00

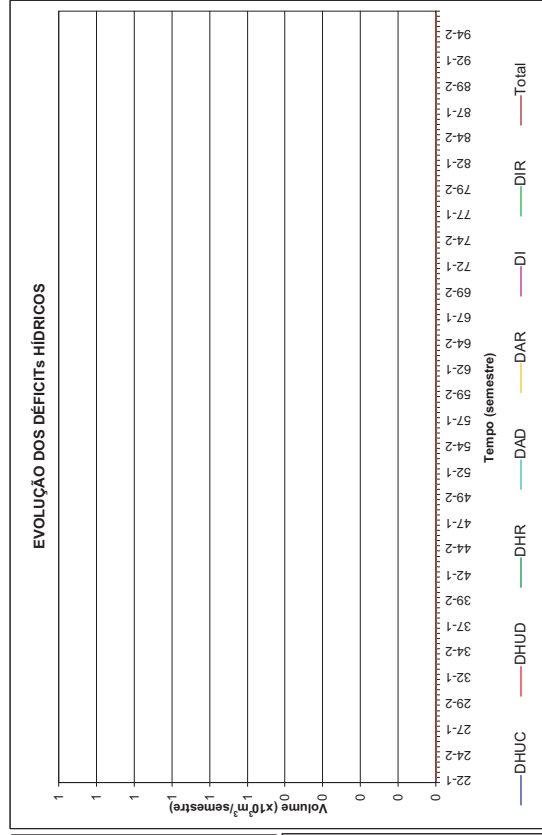
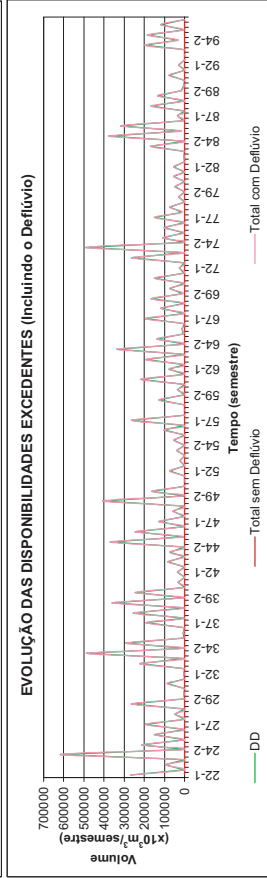
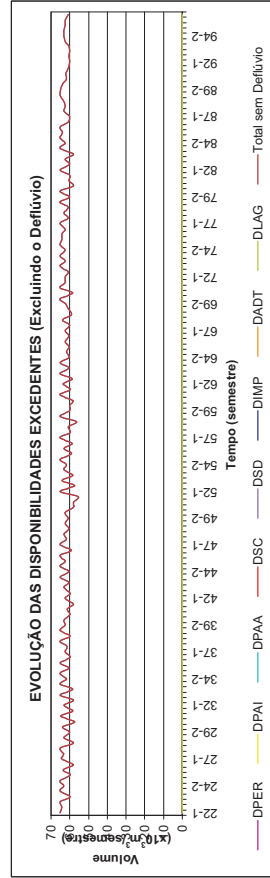
Disponibilidades	Vol. Excedente com 90% garantia		Vol. Excedente Médio		Vol. Excedente Máximo
	Mínimo	Máximo	Mínimo	Máximo	
DD	64	397	5,016	618,192	0
DPER	0	0	0	0	0
DPAI	0	0	0	0	0
DPAA	0	0	0	0	0
DSU	0	0	0	0	0
DSR	96	98	63	65	0
DIMP	0	0	0	0	0
DADT	0	0	0	0	0
DLAG	0	0	0	0	0
Total	120	457	5,077	618,257	0

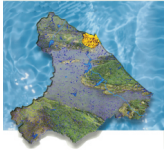


DD: Demanda Humana Concentrada
 DHUC: Demanda Humana Difusa
 DHUR: Demanda Humana Rural
 DAR: Demanda Animal Rural
 DI: Demanda Industrial
 DIR: Demanda de Irrigação

DIMP: Disponibilidade de Importação
 DADT: Disponibilidade de Adutora
 DLAG: Disponibilidade de Lagoa

DD: Disponibilidade de Defluvo
 DPER: Disponibilidade de Perenização
 DPAA: Disponibilidade da Pequena Acudagem Inter-Anual
 DPAA: Disponibilidade da Pequena Acudagem Anual
 DSU: Disponibilidade Subterrânea Urbana
 DSR: Disponibilidade Subterrânea Rural





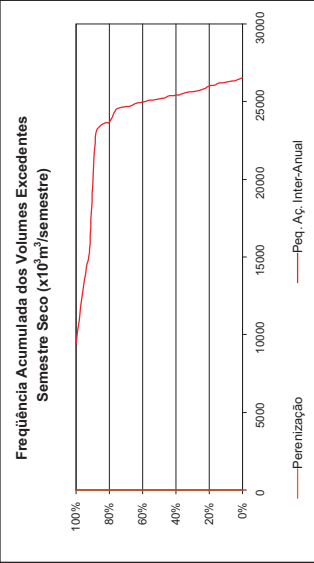
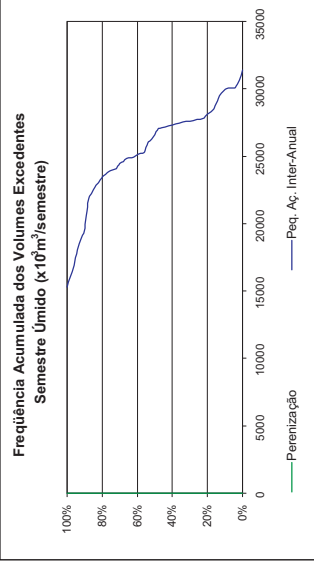
Pentecoste

Consolidação dos Resultados do Balanço Hídrico Distribuído por Município

Horizonte 2020 com Infra-Estrutura Atual

DEMANDA	Estadísticas das Demandas		
	Déficit Médio (x10 ³ m ³ /semestre)	Déficit Máximo	Déficit Médio (% Demanda)
DHUC	0	0	0,00
DHUD	0	0	0,00
DHUR	12	12	27,98
DAR	0	1	0,37
DI	0	0	0,00
DIR	0	0	0,00
Total	29	3.722	0,20

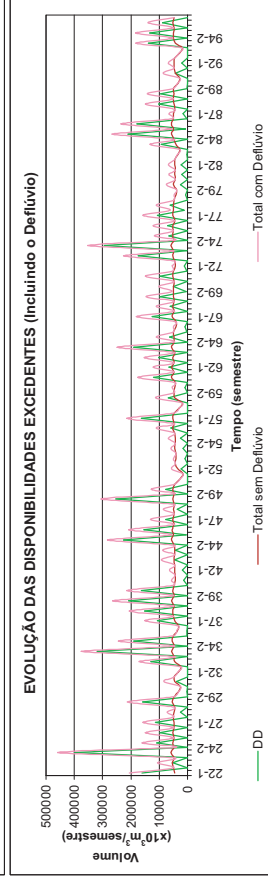
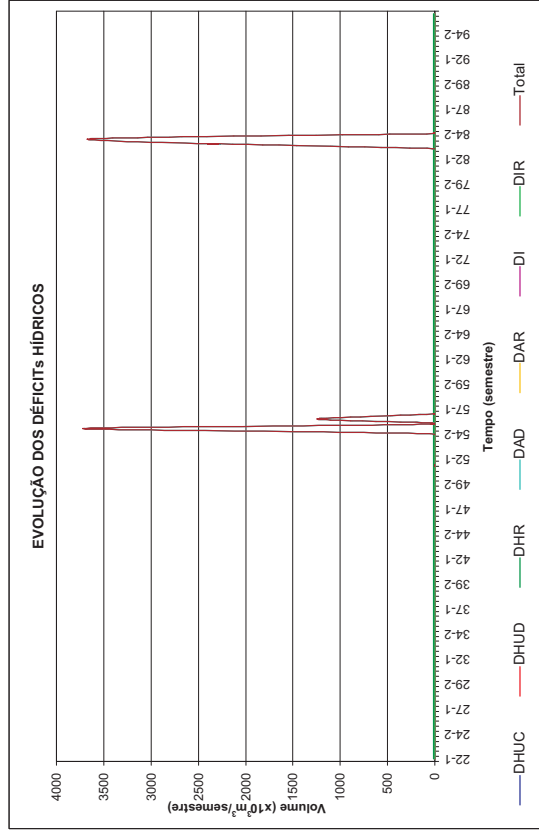
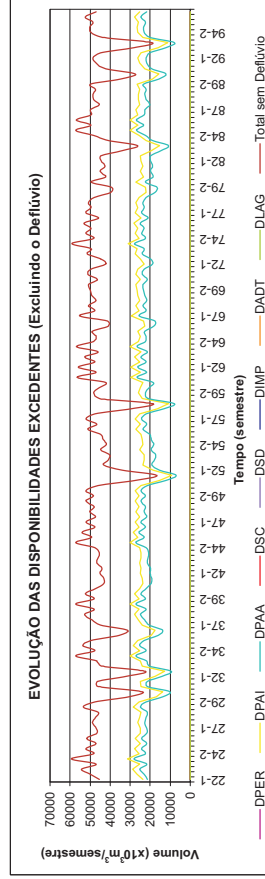
Disponibilidades	Estadísticas das Disponibilidades Excedentes (x10 ⁶ m ³ /semestre)		
	Vol. Excedente Mínimo	Vol. Excedente com 90% garantia	Vol. Excedente Médio Máximo
DD	25	138	388.701
DPER	0	0	0
DPAI	9.412	19.388	31.393
DPAA	6.942	15.623	28.100
DSU	0	0	0
DSR	107	107	107
DIMP	0	0	0
DADT	0	0	0
DLAG	0	0	0
Total	16.486	37.813	50.674

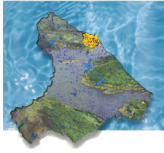


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DD: Disponibilidade de Deflúvio
 DPER: Disponibilidade de Perenização
 DPAA: Disponibilidade da Pequena Açudagem Inter-Anual
 DPAA: Disponibilidade da Pequena Açudagem Anual
 DSU: Disponibilidade Subterrânea Urbana
 DSR: Disponibilidade Subterrânea Rural

DIMP: Disponibilidade de Importação
 DADT: Disponibilidade de Adutora
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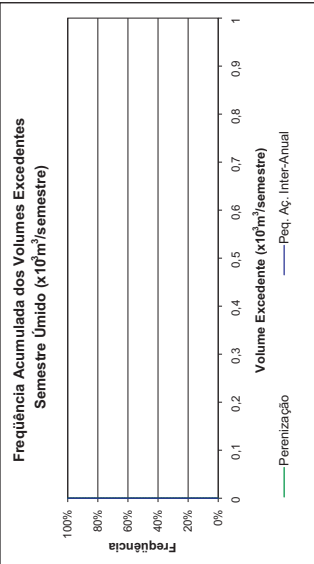
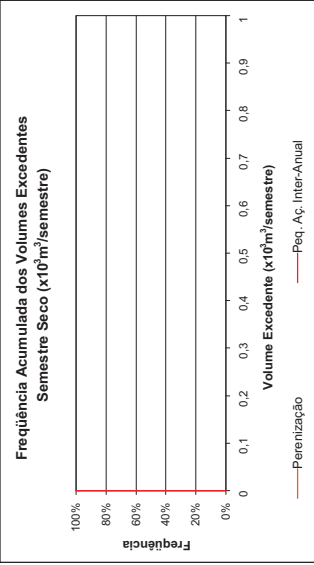
Pindoretama

Consolidação dos Resultados do Balanço Hídrico Distribuído por Município

Horizonte 2020 com Infra-Estrutura Atual

DEMANDA	Estadísticas das Demandas		Deficit Médio (% Demanda)	Deficit Máximo	Deficit Médio	Deficit Máximo
	Deficit Médio (x10 ³ m ³ /semestre)	Deficit Máximo (x10 ³ m ³ /semestre)				
DHUC	0	0	0,00	0,00	0,00	0,00
DHUR	99	99	56,97	56,97	56,97	56,97
DAR	2	24	7,02	75,96		
DI	0	0	0,00	0,00	0,00	0,00
DIR	0	0	0,00	0,00	0,00	0,00
Total	101	123	4,69	5,69		

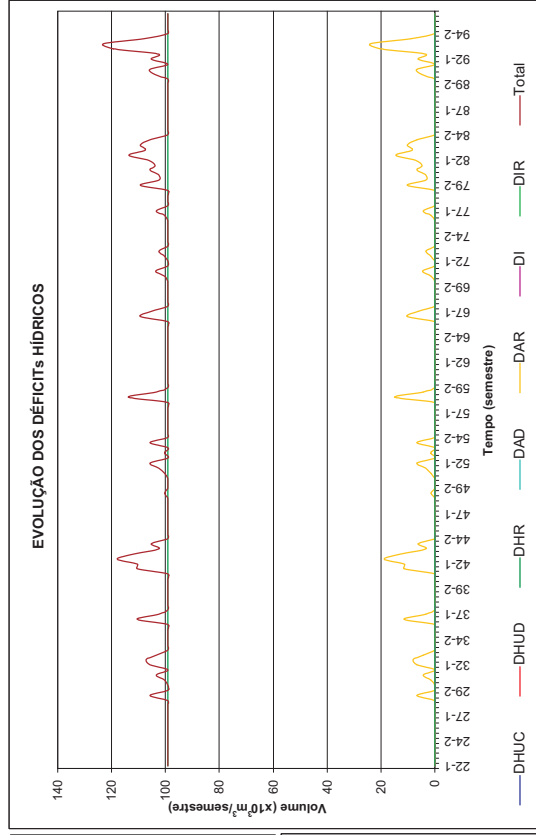
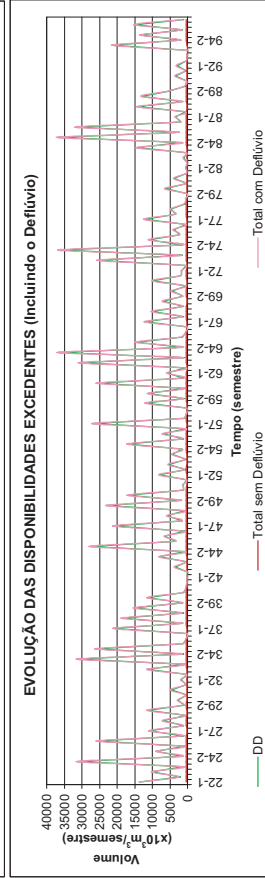
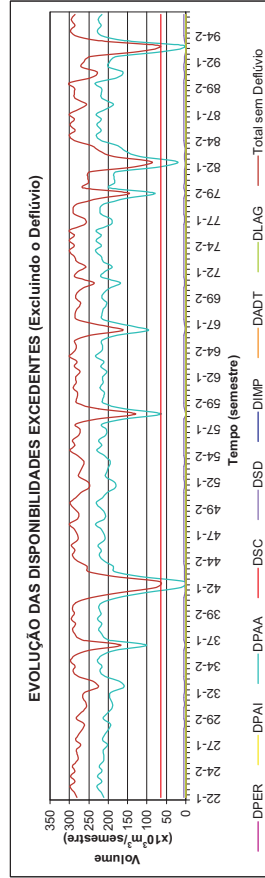
Disponibilidades	Estadísticas das Disponibilidades Excedentes (x10 ³ m ³ /semestre)		Vol. Excedente Médio	Vol. Excedente Máximo
	Vol. Excedente Mínimo	Vol. Excedente com 90% garantia		
DD	0	173	1,547	36,928
DPER	0	0	0	0
DPAI	0	0	0	0
DPAA	1	157	211	232
DSU	64	64	64	64
DSR	0	3	5	5
DIMP	0	0	0	0
DADT	0	0	0	0
DLAG	0	0	0	0
Total	67	423	1,829	37,228

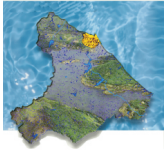


DD: Disponibilidade de Deflúvio
DPER: Disponibilidade de Perenização
DPAA: Disponibilidade da Pequena Aqüedagem Inter-Anual
DPAA: Disponibilidade da Pequena Aqüedagem Anual
DSU: Disponibilidade Subterrânea Urbana
DSR: Disponibilidade Subterrânea Rural

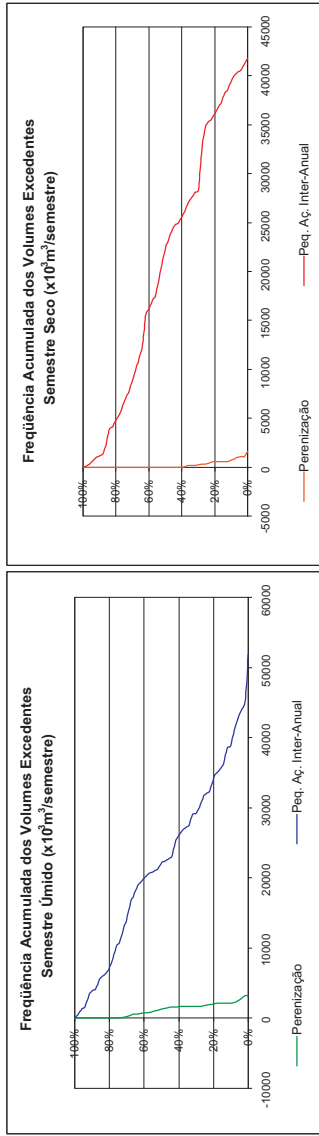
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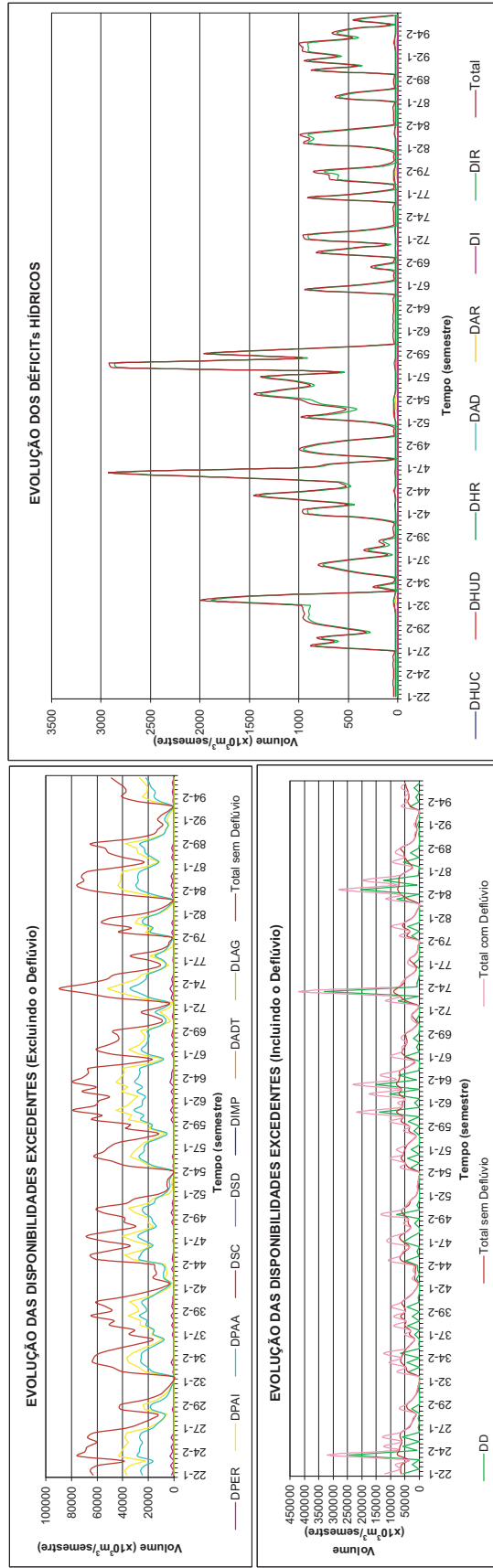
Quixadá Consolidação dos Resultados do Balanço Hídrico Distribuído por Município Horizonte 2020 com Infra-Estrutura Atual

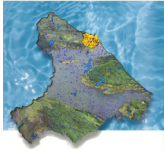


Estatísticas das Demandas			
DEMANDA	Déficit Médio (x10 ⁹ m ³ /semestre)	Déficit Máximo (x10 ⁹ m ³ /semestre)	Déficit Médio (% Demanda)
DHUC	0	0	0,00
DHUD	21	44	34,24
DHUR	25	40	38,29
DAR	4	23	9,31
DI	0	0	0,00
DIR	480	2.856	12,83
Total	509	2.912	13,59

Estatísticas das Disponibilidades Excedentes (x10 ⁹ m ³ /semestre)			
Disponibilidades	Vol. Excedente Mínimo	Vol. Excedente com 90% garantia	Vol. Excedente Médio Máximo
DD	0	0	330,049
DPER	0	0	229
DPAI	5	1.701	22.272
DPAA	52	3.505	17.568
DSU	0	0	0
DSR	0	2	2
DIMP	0	0	0
DADT	0	0	0
DLAG	0	0	0
Total	94	5.520	47.438

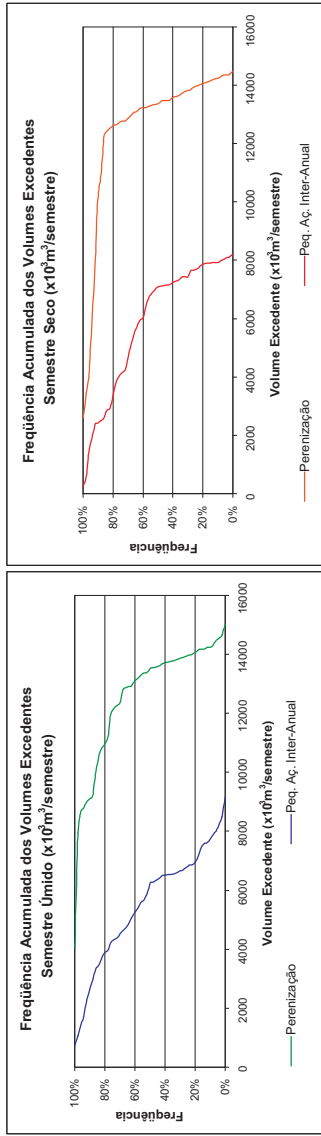
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- DHUR: Demanda Humana Rural
- DI: Demanda Industrial
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Redenção

Consolidação dos Resultados do Balanço Hídrico Distribuído por Município Horizonte 2020 com Infra-Estrutura Atual



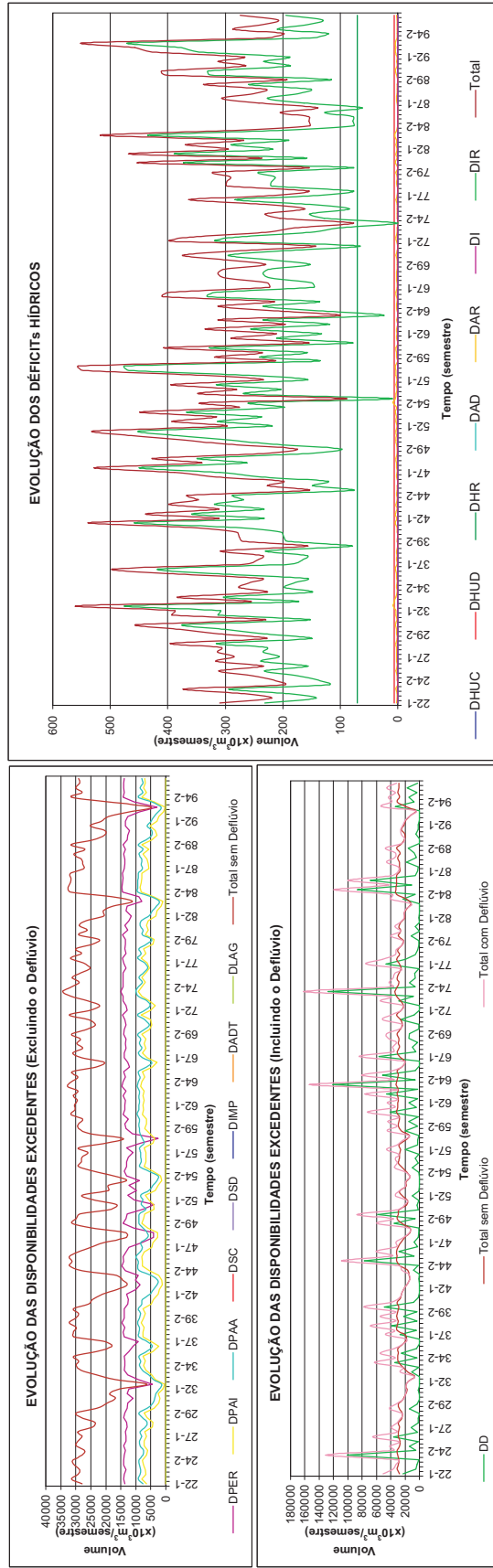
DD: Disponibilidade de Deflúvio
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 DPAA: Disponibilidade da Pequena Acudagem Inter-Anual
 DPAA: Disponibilidade da Pequena Acudagem Anual
 DSU: Disponibilidade Subterrânea Urbana
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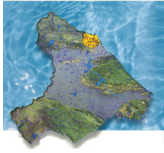
DHUC: Demanda Humana Concentrada
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DIMP: Disponibilidade de Importação
 DAOT: Disponibilidade de Adutora
 DLAG: Disponibilidade de Lagoa

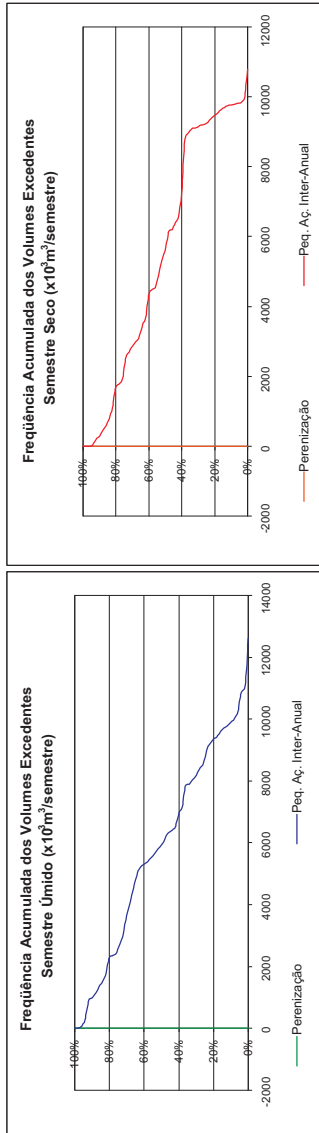
DEMANDA	Deficit Médio		Deficit Máximo		Deficit Médio (% Demanda)
	(x10 ⁶ m ³ /semestre)	(x10 ⁶ m ³ /semestre)	(x10 ⁶ m ³ /semestre)	(x10 ⁶ m ³ /semestre)	
DHUC	0	0	0	0,00	0,00
DHUR	6	4,10	6	4,10	37,87
DAR	2	8	2	3,03	13,55
DI	0	0	0	0,00	0,00
DIR	222	474	222	4,62	9,87
Total	300	559	300	4,15	7,72

Disponibilidades	Vol. Excedente		Vol. Excedente		Vol. Excedente Máximo
	Mínimo	com 90% garantia	Médio	Máximo	
DD	0	78	3,564	127,723	15,014
DPER	2,593	9,171	13,437	6,453	8,153
DPAA	1,410	4,282	8,025	10,941	10,941
DSU	0	0	0	0	0
DSR	88	93	93	93	93
DIMP	0	0	0	0	0
DADT	0	0	0	0	0
DLAG	0	0	0	0	0
Total	4,896	18,322	32,811	162,024	





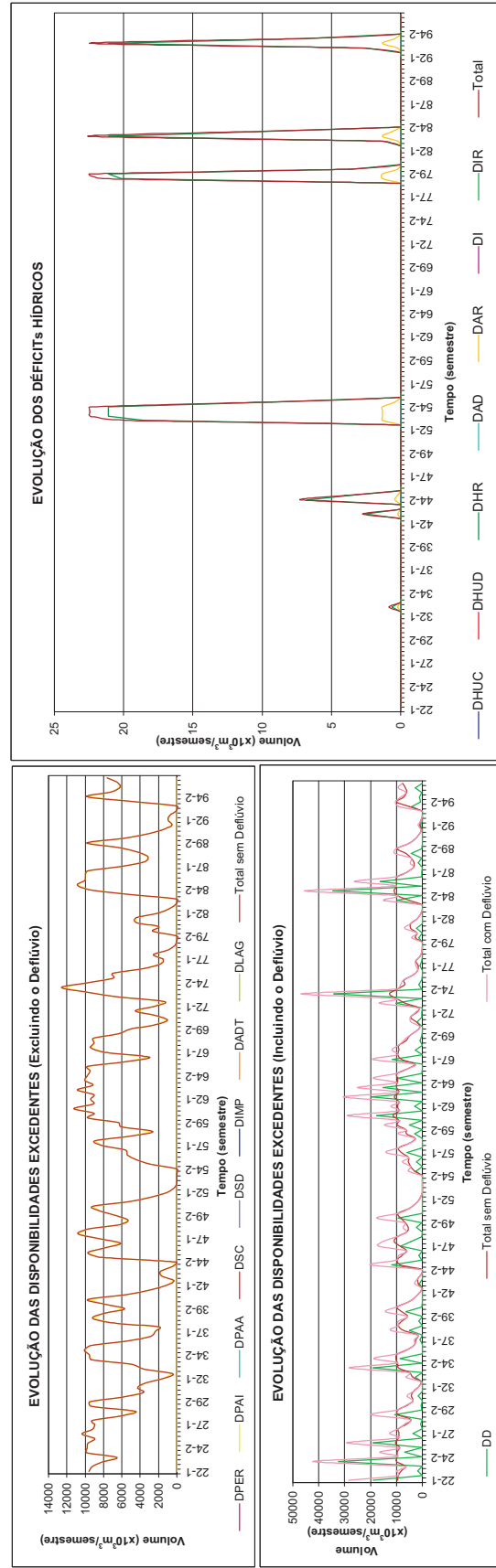
Russas Consolidação dos Resultados do Balanço Hídrico Distribuído por Município Horizonte 2020 com Infra-Estrutura Atual



DD: Disponibilidade de Deflúvio
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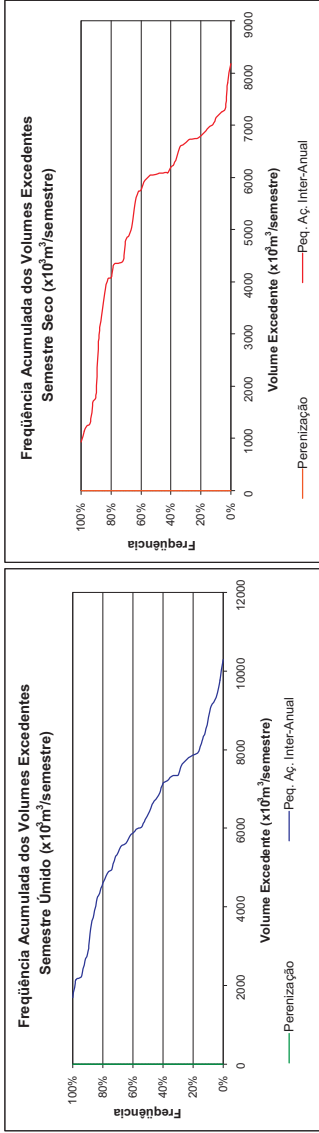
Estatísticas das Demandas				
DEMANDA	Deficit Médio (x10 ³ m ³ /Semestre)	Deficit Máximo	Deficit Médio (% Demanda)	Deficit Máximo
DHUC	0	0	0,00	0,00
DHUR	0	0	0,00	0,00
DHUR	1	21	6,73	100,00
DAR	0	1	7,00	100,00
DI	0	0	0,00	0,00
DIR	0	0	0,00	0,00
Total	2	22	6,75	100,00

Estatísticas das Disponibilidades Excedentes (x10 ³ m ³ /Semestre)				
Disponibilidades	Vol. Excedente Mínimo	Vol. Excedente com 90% garantia	Vol. Excedente Médio	Vol. Excedente Máximo
DD	0	0	131	34.519
DPER	0	0	0	0
DPAA	0	495	5.932	12.609
DPAA	0	0	0	0
DSU	0	0	0	0
DSR	0	0	0	0
DIMP	0	0	0	0
DADT	0	0	0	0
DLAG	0	0	0	0
Total	0	495	6.422	46.795





São Gonçalo do Amarante Consolidação dos Resultados do Balanço Hídrico Distribuído por Município Horizonte 2020 com Infra-Estrutura Atual

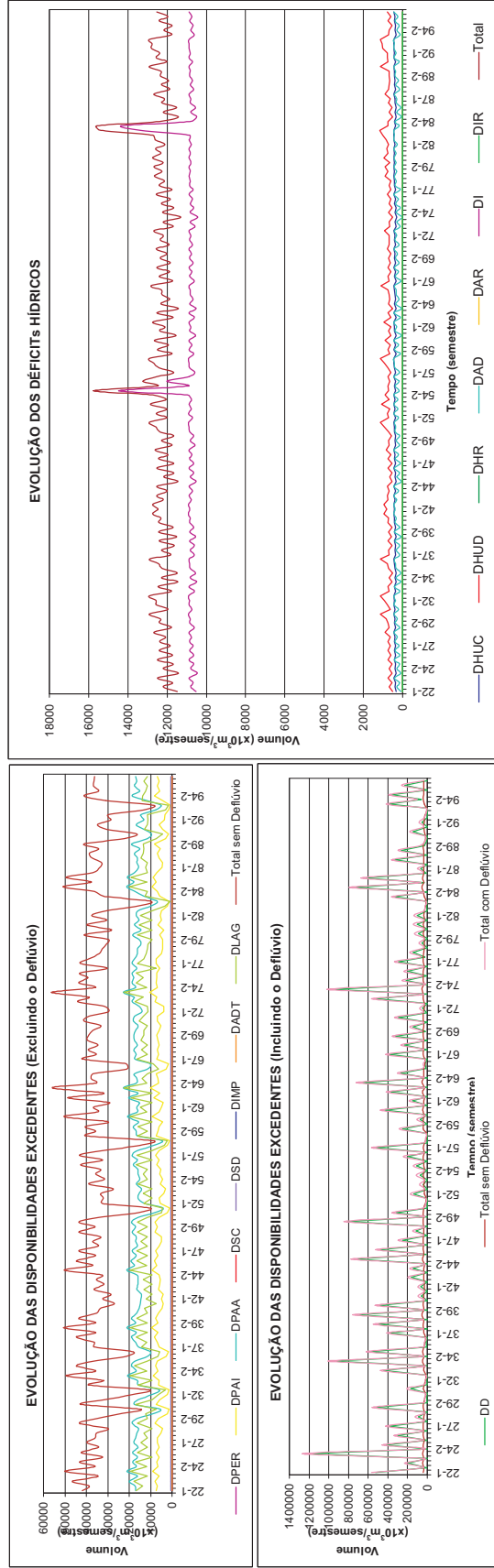


DD: Disponibilidade de Deflúvio
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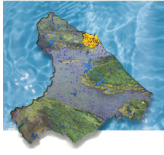
DEMANDA	Deficit Médio		Deficit Máximo		Deficit Médio (% Demanda)
	(x10 ⁹ m ³ /semestre)	(x10 ⁹ m ³ /semestre)	(x10 ⁹ m ³ /semestre)	(x10 ⁹ m ³ /semestre)	
DHUC	397	438	71,54	78,97	
DHUD	739	1.158	58,85	93,85	
DHUR	3	3	1,56	1,56	
DAR	1	3	0,72	2,27	
DI	10.657	14.475	42,23	56,30	
DIR	0	0	0,00	0,00	
Total	12.296	15.751	43,50	55,72	

Disponibilidades	Vol. Excedente com 90% garantia		Vol. Excedente Médio		Vol. Excedente Máximo
	Mínimo	Máximo	Mínimo	Máximo	
DD	106	682	9,616	1.218,534	0
DPER	0	0	0	0	0
DPAA	934	2.609	6,087	10,284	22,839
DPAAI	4.185	11.263	16,485	22,839	0
DSU	0	0	0	0	0
DSR	631	643	659	675	0
DIMP	0	0	0	0	0
DADT	0	0	0	0	0
DLAG	910	7.339	11,749	22,802	0
Total	9,015	27,218	46,613	1.268,706	

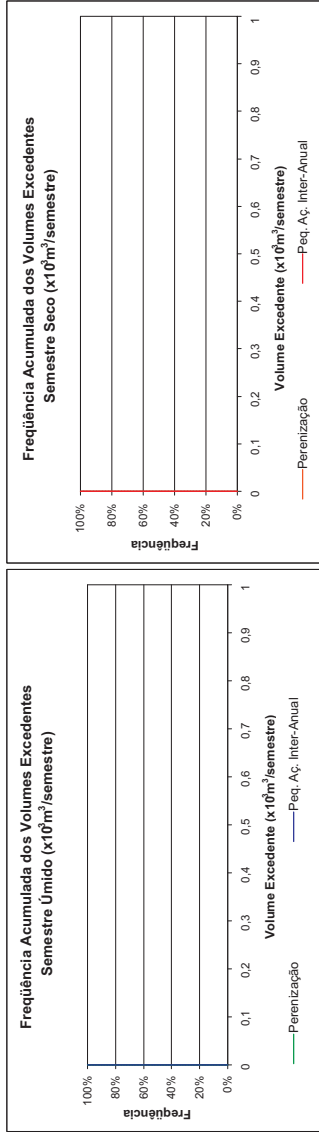


PLANO DE GERENCIAMENTO DAS ÁGUAS DAS BACIAS METROPOLITANAS





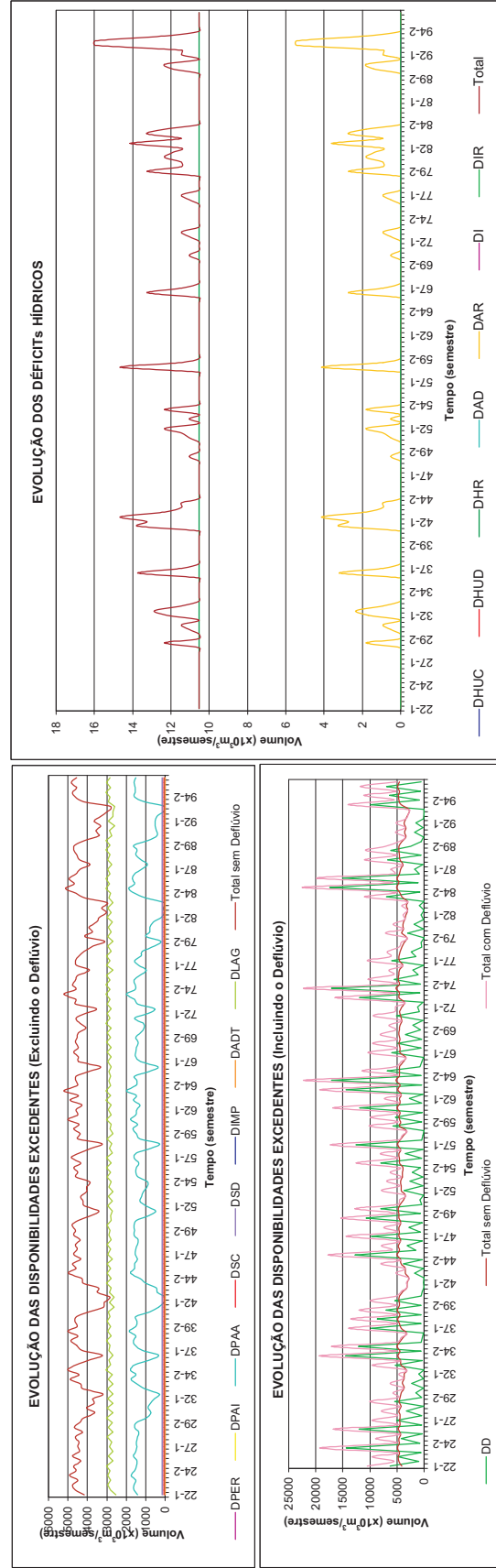
Caponga Funda Consolidação dos Resultados do Balanço Hídrico Distribuído por Bacia Horizonte 2020 com Infra-Estrutura Atual

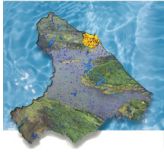


DEMANDA	Estadísticas das Demandas		Déficit Médio (% Demanda)	Déficit Máximo
	Déficit Médio (x10 ⁹ m ³ /semestre)	Déficit Máximo (x10 ⁹ m ³ /semestre)		
DHUC	0,000	0,000	0,00	0,00
DHUD	0,000	0,000	0,00	0,00
DHUR	10,536	10,536	26,42	26,42
DAR	0,529	5,424	3,46	35,45
DI	0,000	0,000	0,00	0,00
DIR	0,000	0,000	0,00	0,00
Total	11,065	15,960	0,55	0,79

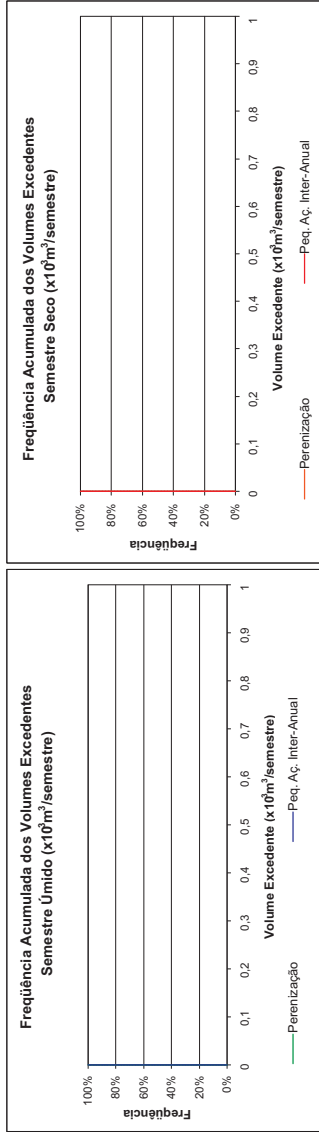
Disponibilidades	Estadísticas das Disponibilidades Excedentes (x10 ⁹ m ³ /semestre)		Vol. Excedente Máximo
	Vol. Excedente Mínimo	Vol. Excedente com 90% garantia Médio	
DD	0,000	103,877	17,424,202
DPER	0,000	0,000	0,000
DPAA	0,000	0,000	0,000
DPAA	3,270	4,18,425	1,427,123
DSU	63,936	63,936	63,936
DSR	138,123	144,528	145,381
DIMP	0,000	0,000	0,000
DADT	0,000	0,000	0,000
DLAG	2,525,729	2,697,654	3,031,755
Total	2,806,355	3,506,259	22,535,257

- DD: Disponibilidade de Deflúvio
- DPER: Disponibilidade de Perenização
- DPAA: Disponibilidade da Pequena Aqüedagem Inter-Anual
- DAR: Demanda Humana Rural
- DI: Demanda Industrial
- DIR: Demanda de Irrigação
- DHUC: Demanda Humana Concentrada
- DHUD: Demanda Humana Difusa
- DHUR: Demanda Humana Rural
- DSU: Disponibilidade Subterrânea Urbana
- DSR: Disponibilidade Subterrânea Rural
- DIMP: Disponibilidade de Importação
- DADT: Disponibilidade de Adutora
- DLAG: Disponibilidade de Lagoa





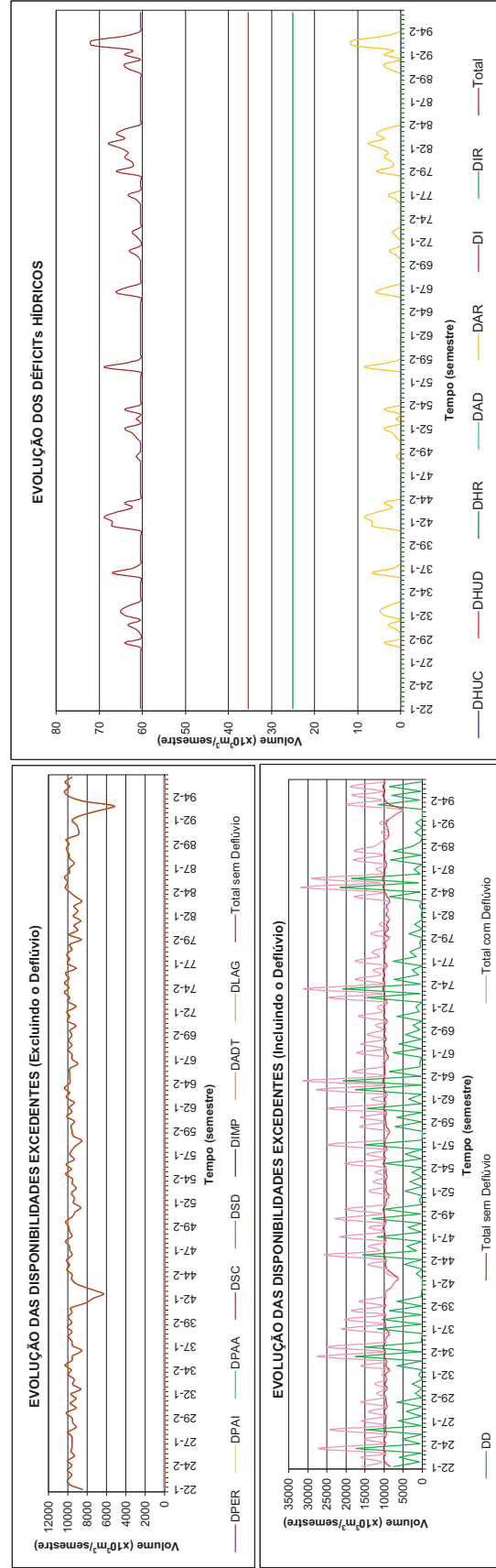
Caponga Roseira Consolidação dos Resultados do Balanço Hídrico Distribuído por Bacia Horizonte 2020 com Infra-Estrutura Atual

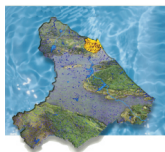


DEMANDA	Estadísticas das Demandas		Deficit Médio (% Demanda)	Deficit Máximo
	Deficit Médio (x10 ⁶ m ³ /semestre)	Deficit Máximo (x10 ⁶ m ³ /semestre)		
DHUC	0,000	0,000	0,00	0,00
DHUD	35,310	35,310	100,00	100,00
DHUR	25,074	25,074	40,17	40,17
DAR	1,221	11,280	5,88	54,29
DI	0,000	0,000	0,00	0,00
DIR	0,000	0,000	0,00	0,00
Total	61,605	71,664	51,99	60,47

Disponibilidades	Estadísticas das Disponibilidades Excedentes (x10 ⁶ m ³ /semestre)		Vol. Excedente Médio	Vol. Excedente Máximo
	Vol. Excedente Mínimo	Vol. Excedente com 90% garantia		
DD	0,000	13,888	661,724	21,448,196
DPER	0,000	0,000	0,000	0,000
DPAI	0,000	0,000	0,000	0,000
DPAA	0,000	0,000	0,000	0,000
DSU	0,000	0,000	0,000	0,000
DSR	46,194	49,759	52,029	54,624
DIMP	0,000	0,000	0,000	0,000
DAOT	0,000	0,000	0,000	0,000
DLAG	5,160,581	8,589,722	9,547,660	10,305,169
Total	5,206,775	8,986,799	10,399,344	31,735,103

- DD: Disponibilidade de Deflúvio
- DPER: Disponibilidade de Perenização
- DPAA: Disponibilidade da Pequena Acudagem Inter-Anual
- DPAI: Disponibilidade da Pequena Acudagem Anual
- DSU: Disponibilidade Subterrânea Urbana
- DSR: Disponibilidade Subterrânea Rural
- DHUC: Demanda Humana Concentrada
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- DHUR: Demanda Humana Rural
- DAR: Demanda Animal Rural
- DI: Demanda Industrial
- DIR: Demanda de Irrigação
- DIMP: Disponibilidade de Importação
- DAOT: Disponibilidade de Adutora
- DLAG: Disponibilidade de Lagoa

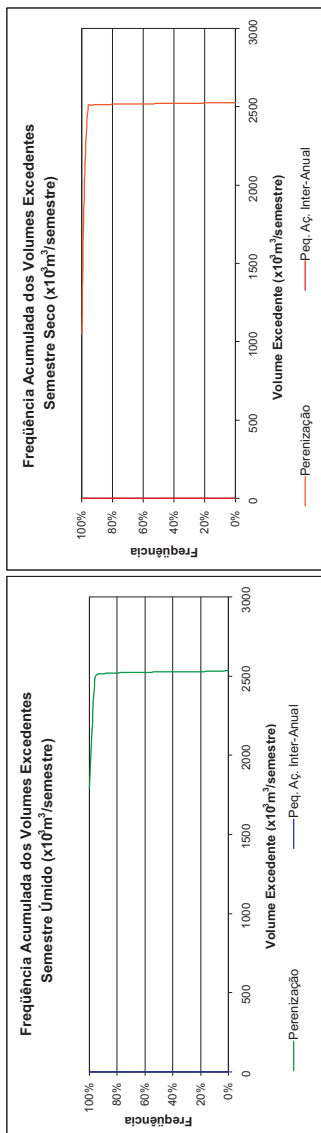




Catu

Consolidação dos Resultados do Balanço Hídrico Distribuído por Bacia

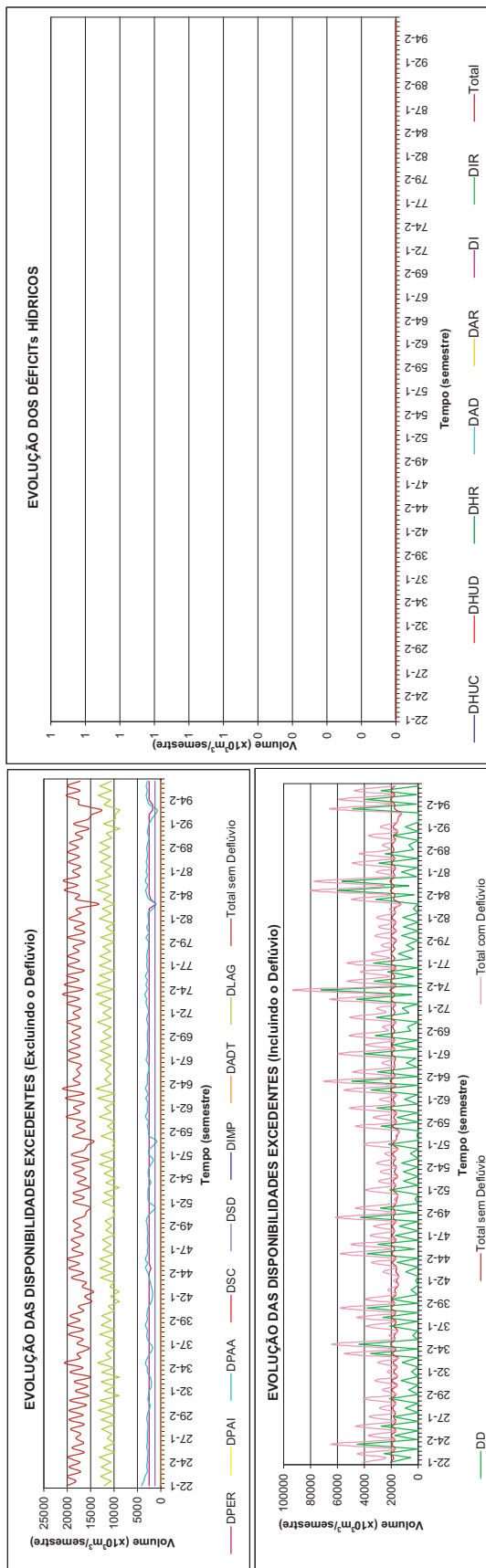
Horizonte 2020 com Infra-Estrutura Atual

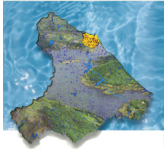


Estatísticas das Demandas			
DEMANDA	Déficit Médio (x10 ⁹ m ³ /semestre)	Déficit Máximo (x10 ⁹ m ³ /semestre)	Déficit Médio (% Demanda)
DHUC	0,000	0,000	0,00
DHUD	0,000	0,000	0,00
DHUR	0,000	0,000	0,00
DAR	0,000	0,000	0,00
DI	0,000	0,000	0,00
DIR	0,000	0,000	0,00
Total	0,000	0,000	0,00

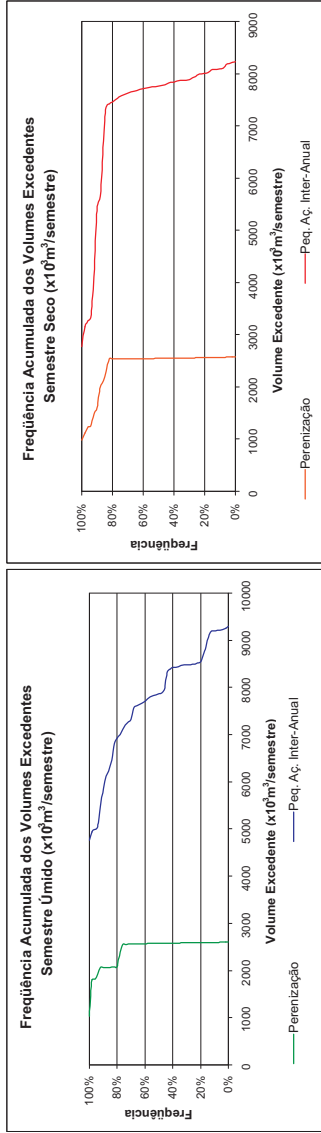
Estatísticas das Disponibilidades Excedentes (x10 ⁹ m ³ /semestre)			
Disponibilidades	Vol. Excedente Mínimo	Vol. Excedente com 90% garantia	Vol. Excedente Máximo
DD	0,000	4.171,539	72.292,448
DPER	1.046,100	2.512,984	2.533,841
DPAA	0,000	0,000	0,000
DPAA	740,015	2.020,766	2.843,822
DSU	0,000	0,000	0,000
DSU	1.263,815	1.263,815	1.267,689
DIMP	0,000	0,000	0,000
DADT	0,000	0,000	0,000
DLAG	8.794,476	9.848,512	10.760,088
Total	12.576,966	16.843,796	93.322,546

- DHUC: Demanda Humana Concentrada
- DHUD: Demanda Humana Difusa
- DHUR: Demanda Humana Rural
- DAR: Demanda Animal Rural
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- DIR: Demanda de Irrigação
- DD: Disponibilidade de Deflúvio
- DPER: Disponibilidade de Perenização
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- DPAA: Disponibilidade da Pequena Acudagem Anual
- DSU: Disponibilidade Subterrânea Urbana
- DSR: Disponibilidade Subterrânea Rural
- DIMP: Disponibilidade de Importação
- DADT: Disponibilidade de Adutora
- DLAG: Disponibilidade de Lagoa





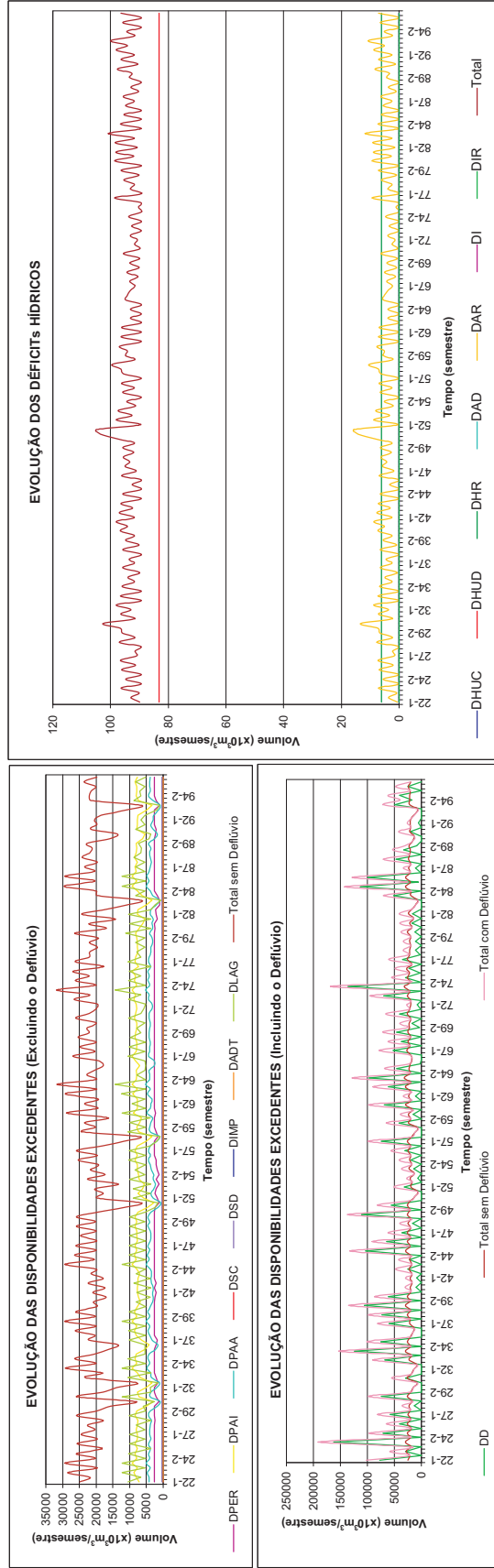
Cauhaie Consolidação dos Resultados do Balanço Hídrico Distribuído por Bacia Horizonte 2020 com Infra-Estrutura Atual

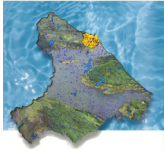


DEMANDA	Estadísticas das Demandas		Déficit Médio (% Demanda)	Déficit Máximo
	Déficit Médio (x10 ⁶ m ³ /semestre)	Déficit Máximo (x10 ⁶ m ³ /semestre)		
DHUC	0,000	0,000	0,00	0,00
DHUC	83,124	83,124	77,41	77,41
DHUR	6,132	6,132	11,12	11,12
DAR	4,145	15,593	2,04	7,66
DI	0,000	0,000	0,00	0,00
DIR	0,000	0,000	0,00	0,00
Total	93,401	104,849	22,77	25,56

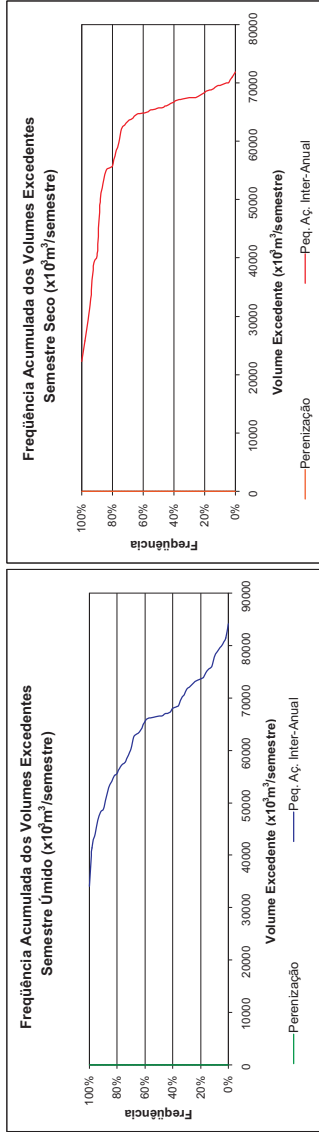
Disponibilidades	Estadísticas das Disponibilidades Excedentes (x10 ⁶ m ³ /semestre)		Vol. Excedente Médio	Vol. Excedente Máximo
	Vol. Excedente Mínimo	Vol. Excedente com 90% garantia		
DD	0,000	0,000	1,136,221	161,640,864
DPER	985,286	2,029,068	2,595,295	2,605,789
DPAA	2,768,105	5,495,512	7,805,283	9,297,763
DPAA	6,791,717	2,348,979	3,840,894	5,321,979
DSU	0,000	0,000	0,000	0,000
DSR	313,523	322,482	326,304	330,215
DIMP	0,000	0,000	0,000	0,000
DADT	19,752	19,752	19,752	19,752
DLAG	736,013	3,727,616	5,888,946	14,287,388
Total	6,474,769	15,536,403	22,323,148	191,005,761

- DD: Disponibilidade de Deflúvio
- DPER: Disponibilidade de Perenização
- DPAA: Disponibilidade da Pequena Acudagem Inter-Anual
- DPAA: Disponibilidade da Pequena Acudagem Inter-Anual
- DSU: Disponibilidade Subterrânea Urbana
- DSR: Disponibilidade Subterrânea Rural
- DHUC: Demanda Humana Concentrada
- DHUR: Demanda Humana Difusa
- DAR: Demanda Animal Rural
- DI: Demanda Industrial
- DIR: Demanda de Irrigação
- DIMP: Disponibilidade de Importação
- DADT: Disponibilidade de Adutora
- DLAG: Disponibilidade de Lagoa





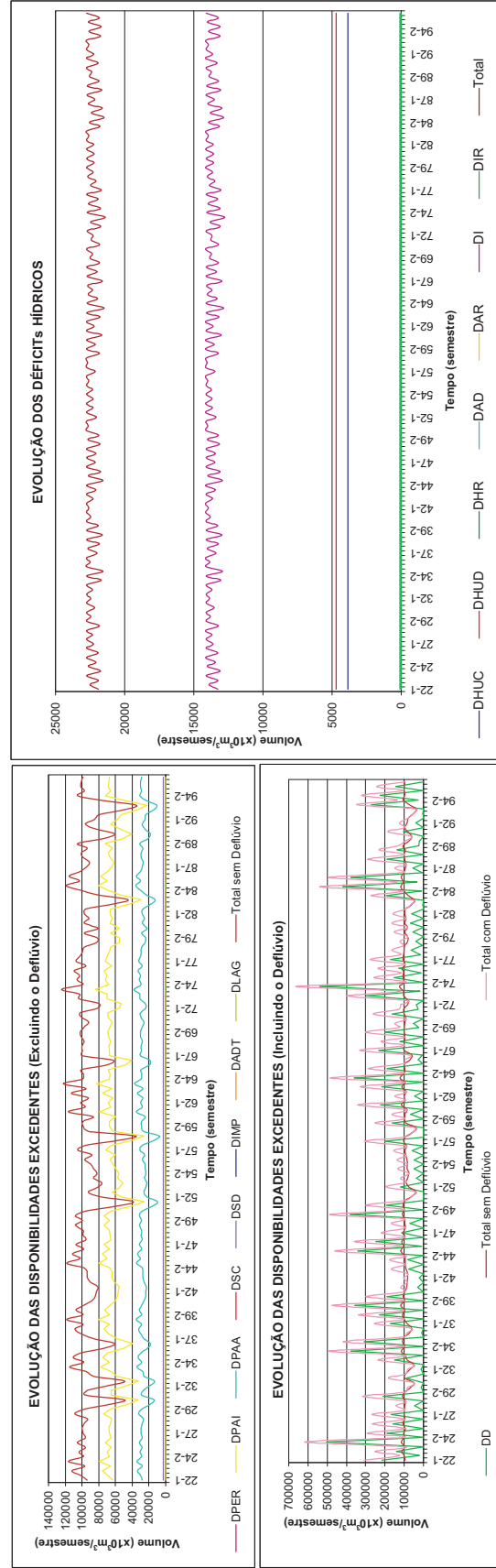
Ceará Consolidação dos Resultados do Balanço Hídrico Distribuído por Bacia Horizonte 2020 com Infra-Estrutura Atual

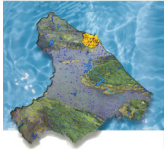


Estatísticas das Demandas			
DEMANDA	Déficit Médio (x10 ³ m ³ /Semestre)	Déficit Máximo	Déficit Médio (% Demanda)
DHUC	3.870,017	3.870,017	75,07
DHUD	4.696,343	4.696,343	77,47
DHUR	64.644	64.644	23,93
DAR	1.198	19.485	4,87
DI	13.795,864	14.139,891	79,50
DIR	0,000	0,000	0,00
Total	22.368,066	22.773,558	75,38

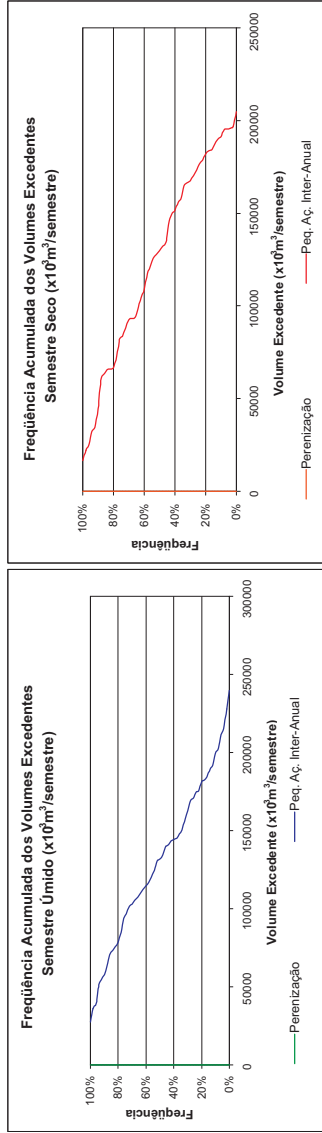
Estatísticas das Disponibilidades Excedentes (x10 ³ m ³ /semestre)			
Disponibilidades	Vol. Excedente Mínimo	Vol. Excedente com 90% garantia	Vol. Excedente Médio
DD	4,239	117,248	16.864,479
DPER	0,000	0,000	0,000
DPAA	22.276,016	48.120,333	66.187,970
DPAA	8,029,145	19.839,286	28.290,938
DSU	0,000	0,000	0,000
DSR	2.525,431	2.575,479	2.580,705
DIMP	0,000	0,000	0,000
DADT	0,000	0,000	0,000
DLAG	0,000	0,000	0,000
Total	35.244,880	80.368,077	111.418,383

- DHUC: Demanda Humana Concentrada
- DHUD: Demanda Humana Difusa
- DHUR: Demanda Humana Rural
- DAR: Demanda Animal Rural
- DI: Demanda Industrial
- DIR: Demanda de Irrigação
- DD: Disponibilidade de Deflúvio
- DPER: Disponibilidade de Perenização
- DPAA: Disponibilidade da Pequena Aqüedagem Inter-Anual
- DPAA: Disponibilidade da Pequena Aqüedagem Anual
- DSU: Disponibilidade Subterrânea Urbana
- DSR: Disponibilidade Subterrânea Rural
- DIMP: Disponibilidade de Importação
- DADT: Disponibilidade de Adutora
- DLAG: Disponibilidade de Lagoa





Choró Consolidação dos Resultados do Balanço Hídrico Distribuído por Bacia Horizonte 2020 com Infra-Estrutura Atual



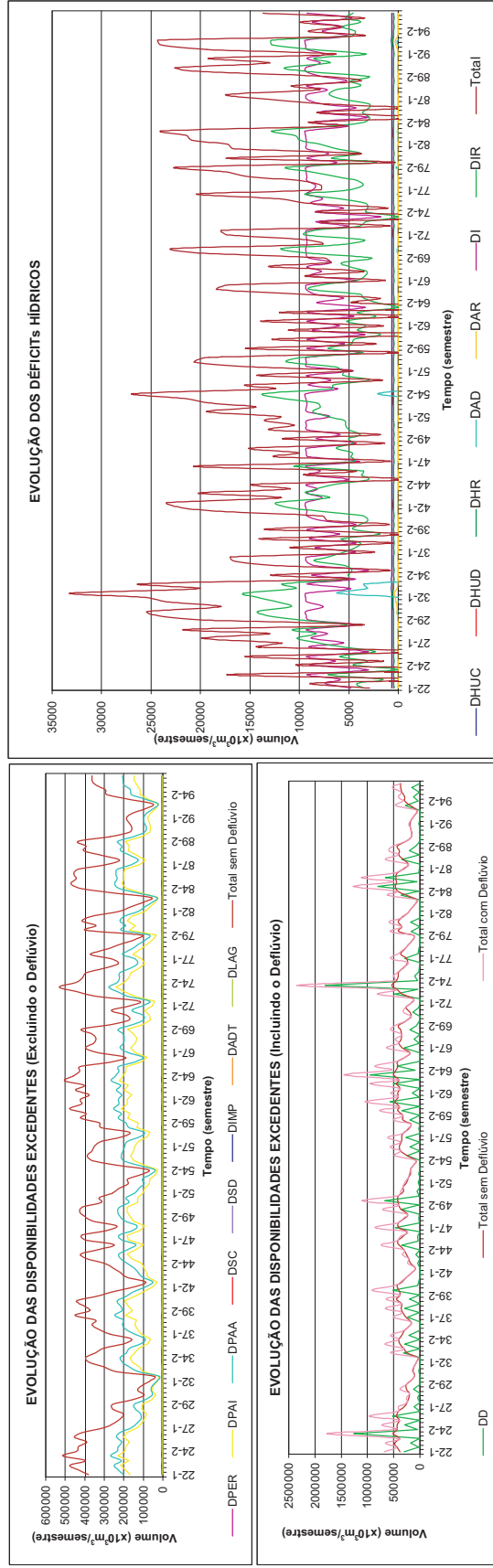
DEMANDA	Deficiência das Demandas		Deficiência Médio (% Demanda)	Deficiência Máximo
	Deficiência Médio (x10 ⁶ m ³ /semestre)	Deficiência Máximo (x10 ⁶ m ³ /semestre)		
DHUC	674,677	734,165	15,43	16,79
DHUD	493,377	528,025	52,36	56,03
DHUR	457,274	572,695	25,83	32,34
DAR	34,665	405,838	3,54	41,21
DI	7.745,606	9.330,894	79,52	95,62
DIR	6.232,173	15.587,000	18,41	46,03
Total	11.284,380	33.241,796	7,42	21,86

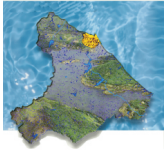
Disponibilidades	Estatísticas das Disponibilidades Excedentes (x10 ⁶ m ³ /semestre)		Vol. Excedente Máximo	Vol. Excedente Médio
	Vol. Excedente Mínimo	Vol. Excedente com 90% garantia		
DD	0,000	291,213	1.806.560,640	1.806,560,640
DPER	0,000	0,000	0,000	0,000
DPAA	16.691,613	54.387,982	239.744,432	131.146,264
DPAA	17.697,904	86.371,497	180.895,128	275.559,360
DSU	481,829	481,829	481,829	481,829
DSR	4.843,457	4.981,213	4.992,269	4.992,269
DIMP	8,190	138,337	2.012,638	6.143,454
DADT	0,000	0,000	0,000	0,000
DLAG	6,388	1.342,229	2.937,228	3.636,261
Total	40.719,658	146.655,293	369.629,538	2.339.065,084

DD: Disponibilidade de Deflúvio
 DPER: Disponibilidade de Perenização
 DPAA: Disponibilidade da Pequena Aquecimento Inter-Anual
 DPAA: Disponibilidade da Pequena Aquecimento Anual
 DSU: Disponibilidade Subterrânea Urbana
 DSR: Disponibilidade Subterrânea Rural

DHUC: Demanda Humana Concentrada
 DHUD: Demanda Humana Difusa
 DHUR: Demanda Humana Rural
 DI: Demanda Industrial
 DIR: Demanda de Irrigação

DIMP: Disponibilidade de Importação
 DADT: Disponibilidade de Adutora
 DLAG: Disponibilidade de Lagoa

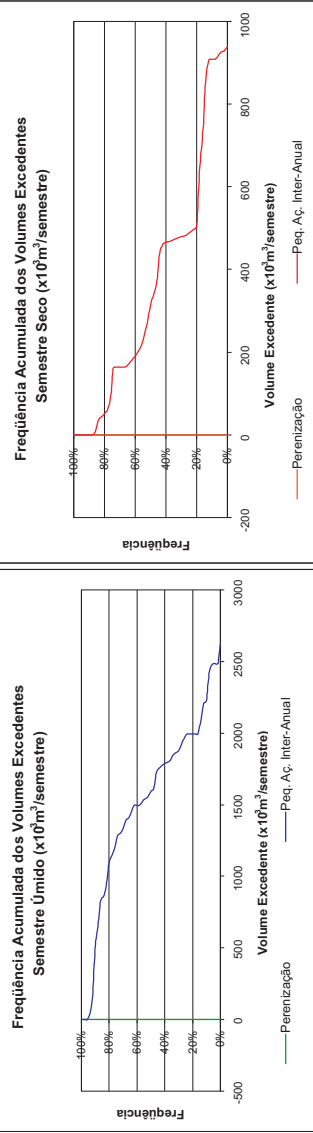




Coaçu

Consolidação dos Resultados do Balanço Hídrico Distribuído por Bacia

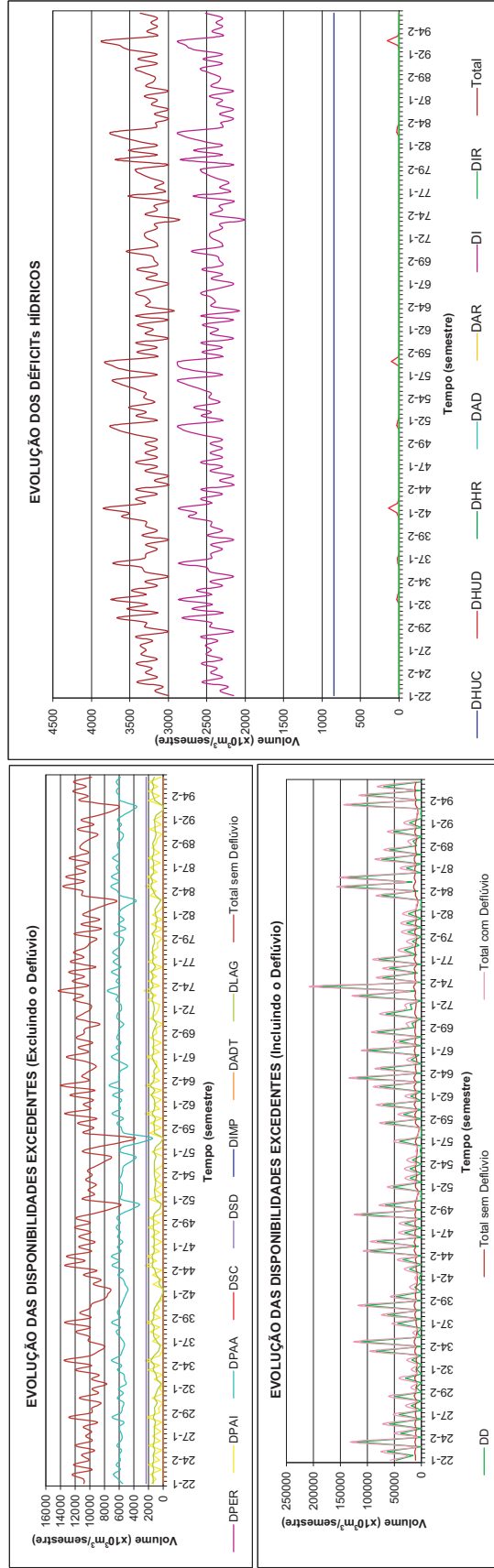
Horizonte 2020 com Infra-Estrutura Atual

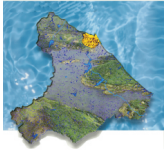


DEMANDA	Estatísticas das Demandas		
	Déficit Médio (x10 ⁶ m ³ /Semestre)	Déficit Máximo (x10 ⁶ m ³ /Semestre)	Déficit Médio (% Demanda)
DHUC	846.364	846.364	39,87
DHUD	4.390	149.741	0,75
DHUR	0,000	0,000	0,00
DAR	0,000	0,000	0,00
DI	2.438.132	2.967.566	53,93
DIR	0,000	0,000	0,00
Total	3.286.886	3.862.277	44,94

Disponibilidades	Estatísticas das Disponibilidades Excedentes (x10 ⁶ m ³ /Semestre)		
	Vol. Excedente Mínimo	Vol. Excedente com 90% garantia	Vol. Excedente Máximo
DD	0,000	46,004	7.689,035
DPER	0,000	0,000	0,000
DPAI	0,000	0,000	828,704
DPAA	1.556.387	5.224.552	5.860,036
DSU	30,633	30,633	30,633
DSR	2.346.552	2.352,516	2.358,480
DIMP	0,000	0,000	0,000
DAOT	0,000	0,000	0,000
DLAG	0,000	719,922	1.216,726
Total	3.969,080	8.672,344	192.735,744

- DD: Disponibilidade de Deflúvio
- DPER: Disponibilidade de Perenização
- DPAI: Disponibilidade da Pequena Acumulação Inter-Anual
- DPAA: Disponibilidade da Pequena Acumulação Anual
- DSU: Disponibilidade Subterrânea Urbana
- DSR: Disponibilidade Subterrânea Rural
- DHUC: Demanda Humana Concentrada
- DHUD: Demanda Humana Difusa
- DHUR: Demanda Humana Rural
- DI: Demanda Industrial
- DIR: Demanda de Irrigação
- DIMP: Disponibilidade de Importação
- DAOT: Disponibilidade de Autórea
- DLAG: Disponibilidade de Lagoa

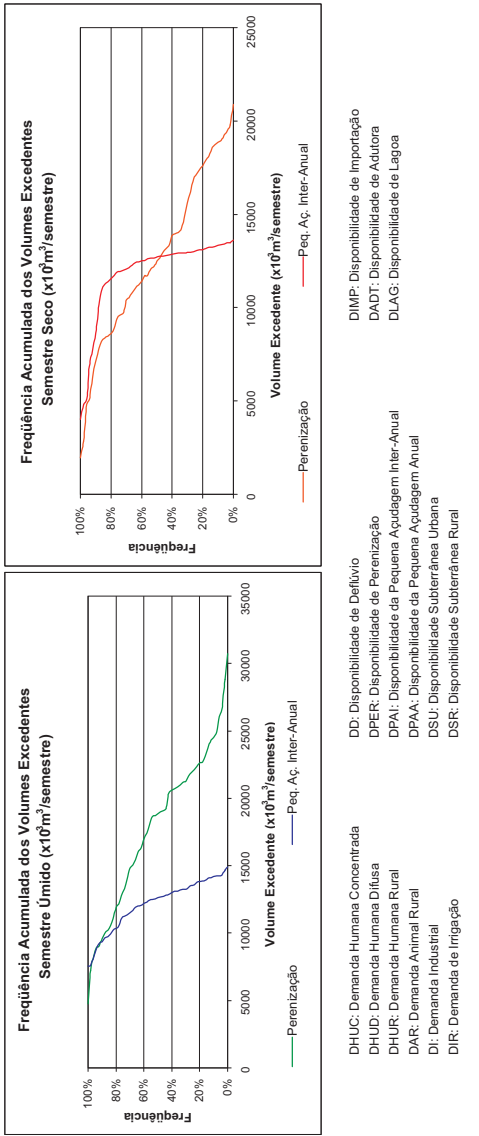




Cocó

Consolidação dos Resultados do Balanço Hídrico Distribuído por Bacia

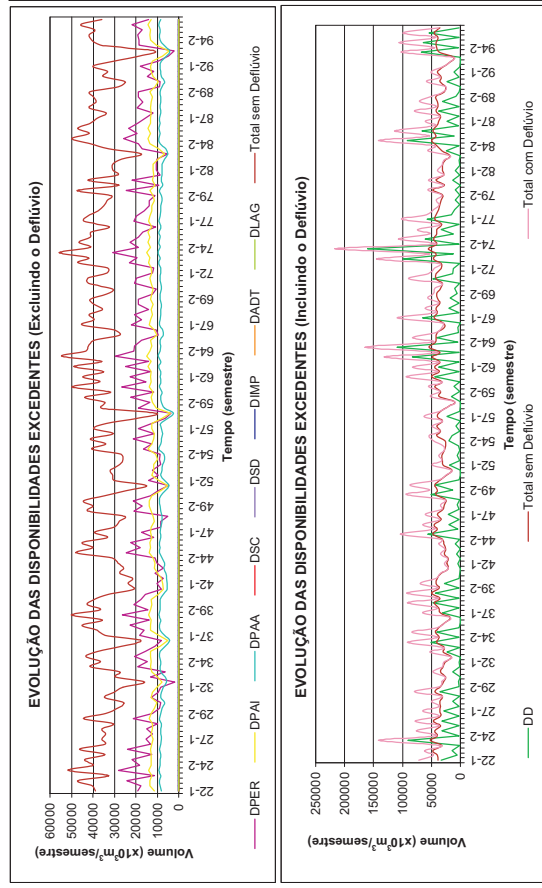
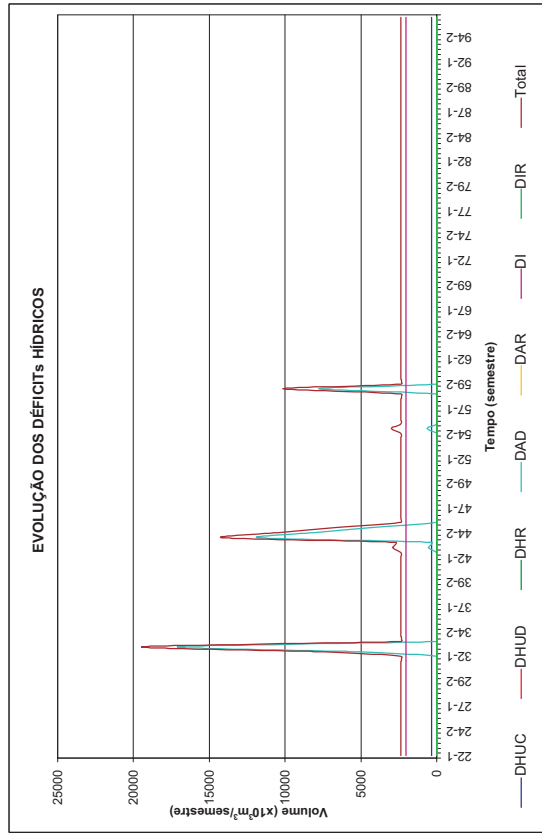
Horizonte 2020 com Infra-Estrutura Atual

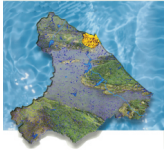


Estatísticas das Demandas			
DEMANDA	Déficit Médio (x10 ⁶ m ³ /semestre)	Déficit Máximo	Déficit Médio (% Demanda)
DHUC	317,916	65,88	65,88
DHUD	0,000	0,00	0,00
DHUR	9,558	13,79	13,79
DAR	0,120	3,30	3,30
DI	2,036,850	73,76	73,76
DIR	0,000	0,00	0,00
Total	2,734,427	19,425,923	1,63

Estatísticas das Disponibilidades Excedentes (x10 ⁶ m ³ /semestre)			
Disponibilidades	Vol. Excedente Mínimo	Vol. Excedente com 90% garantia	Vol. Excedente Médio
DD	0,000	531,437	4,394,809
DPER	1,939,145	8,319,497	15,046,348
DPAI	3,998,712	9,278,814	12,670,964
DPAA	2,394,204	6,410,480	8,378,134
DSU	0,000	0,000	0,000
DSR	397,021	409,384	413,995
DIMP	0,000	0,000	0,000
DADT	0,000	0,000	0,000
DLAG	0,000	0,000	0,000
Total	10,472,948	26,975,636	42,393,732

- DHUC: Demanda Humana Concentrada
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- DHUR: Demanda Humana Rural
- DAR: Demanda Animal Rural
- DI: Demanda Industrial
- DIR: Demanda de Irrigação
- DD: Disponibilidade de Deflúvio
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- DSR: Disponibilidade Subterrânea Rural
- DIMP: Disponibilidade de Importação
- DADT: Disponibilidade de Adutora
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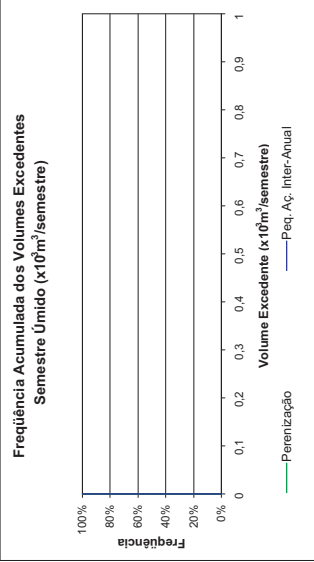
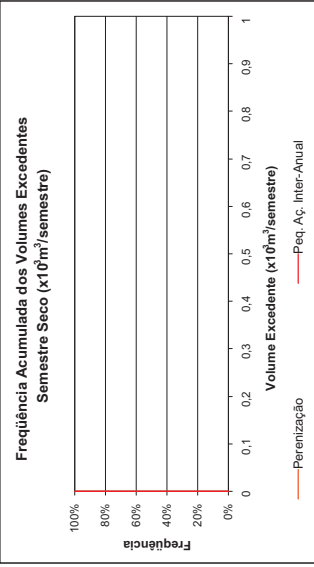
Consolidação dos Resultados do Balanço Hídrico Distribuído por Bacia

Horizonte 2020 com Infra-Estrutura Atual

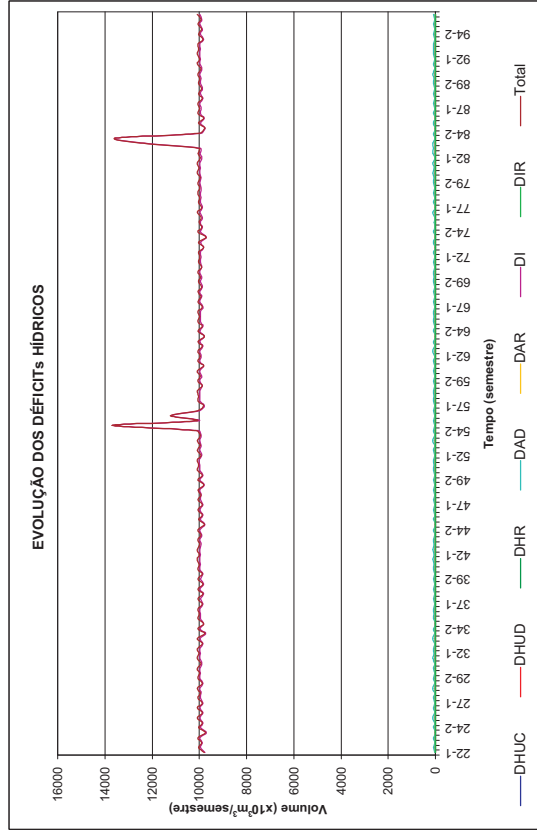
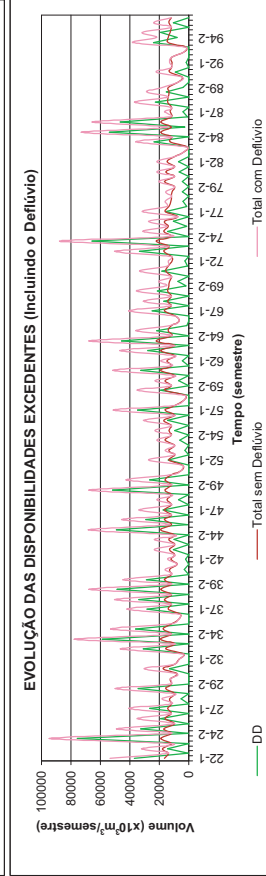
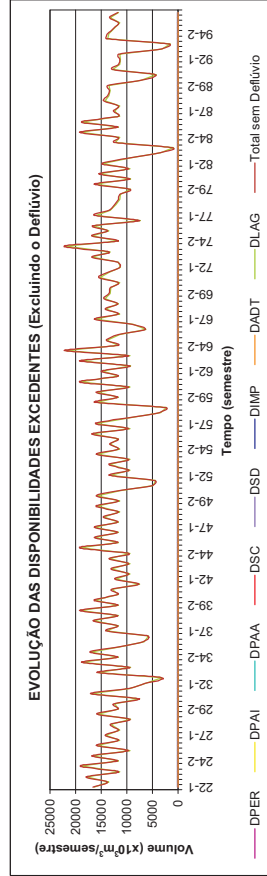
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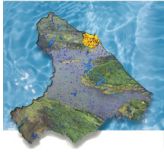
DEMANDA	Estadísticas das Demandas		Deficit Médio (% Demanda)	Deficit Máximo
	Deficit Médio (x10 ⁹ m ³ /semestre)	Deficit Máximo (x10 ⁹ m ³ /semestre)		
DHUC	0,000	0,000	0,00	0,00
DHUD	0,000	0,000	0,00	0,00
DHUR	1,080	1,080	2,91	2,91
DAR	1,324	3,804	3,96	11,37
DI	9,985,612	13,665,281	40,33	55,12
DIR	0,000	0,000	0,00	0,00
Total	10,059,859	13,689,495	40,31	54,85

Disponibilidades	Estadísticas das Disponibilidades Excedentes (x10 ⁹ m ³ /semestre)		Vol. Excedente Máximo
	Vol. Excedente Mínimo	Vol. Excedente com 90% garantia Médio	
DD	0,000	4,574	75,748,176
DPER	0,000	0,000	0,000
DPAI	0,000	0,000	0,000
DPAA	0,000	0,000	0,000
DSU	0,000	0,000	0,000
DSR	156,626	165,401	170,474
DIMP	0,000	0,000	179,987
DADT	0,000	0,000	0,000
DLAG	9,10,192	7,339,689	11,636,254
Total	1,074,869	7,529,689	94,812,604



- DD: Disponibilidade de Deflúvio
- DPER: Disponibilidade de Perenização
- DPAI: Disponibilidade da Pequena Aqüedagem Inter-Anual
- DPAA: Disponibilidade da Pequena Aqüedagem Anual
- DSU: Disponibilidade Subterrânea Urbana
- DSR: Disponibilidade Subterrânea Rural
- DHUC: Demanda Humana Concentrada
- DHUD: Demanda Humana Difusa
- DHUR: Demanda Humana Rural
- DAR: Demanda Animal Rural
- DI: Demanda Industrial
- DIR: Demanda de Irrigação
- DIMP: Disponibilidade de Importação
- DADT: Disponibilidade de Adutora
- DLAG: Disponibilidade de Lagoa

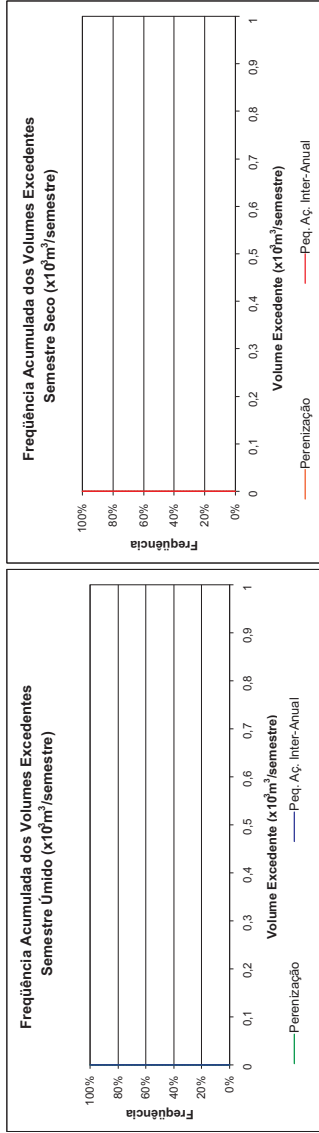




Juá

Consolidação dos Resultados do Balanço Hídrico Distribuído por Bacia

Horizonte 2020 com Infra-Estrutura Atual



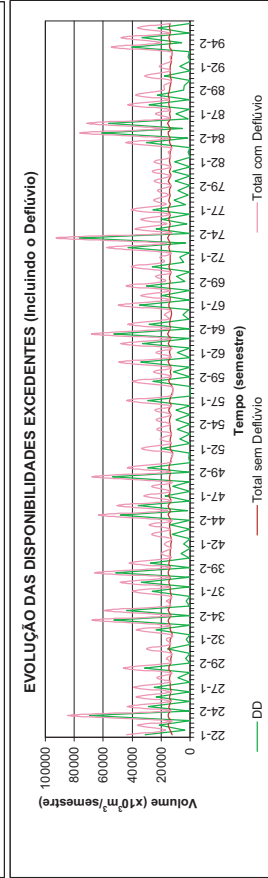
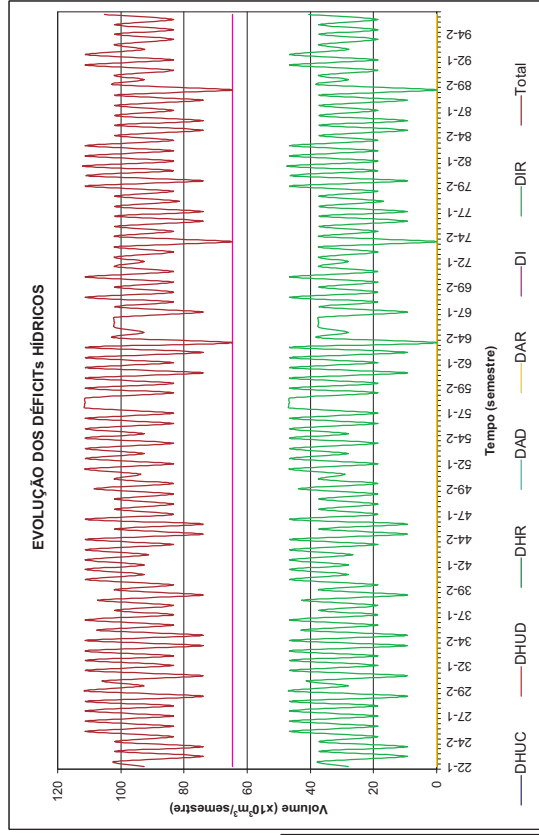
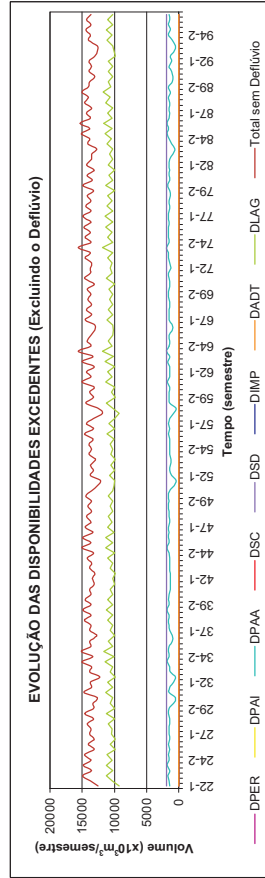
DEMANDA	Estadísticas das Demandas		Déficit Médio (% Demanda)	Déficit Máximo
	Déficit Médio (x10 ³ m ³ /semestre)	Déficit Máximo (x10 ³ m ³ /semestre)		
DHUC	0,000	0,000	0,00	0,00
DHUD	0,000	0,000	0,00	0,00
DHUR	0,000	0,000	0,00	0,00
DAR	0,000	0,000	0,00	0,00
DI	64,656	64,656	79,54	79,54
DIR	30,073	47,491	53,72	84,84
Total	94,729	112,147	31,96	37,83

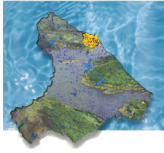
Disponibilidades	Estadísticas das Disponibilidades Excedentes (x10 ³ m ³ /semestre)		Vol. Excedente Médio	Vol. Excedente Máximo
	Vol. Excedente Mínimo	Vol. Excedente com 90% garantia		
DD	0,000	63,619	3,115,608	76,709,632
DPER	0,000	0,000	0,000	0,000
DPAI	0,000	0,000	0,000	0,000
DPAA	353,664	1,010,579	1,449,645	1,916,474
DSU	0,000	0,000	0,000	0,000
DSR	1,843,177	1,861,340	1,864,844	1,893,188
DIMP	0,000	0,000	0,000	0,000
DAOT	0,000	0,000	0,000	0,000
DLAG	9,244,401	9,931,639	10,317,817	11,801,910
Total	11,895,909	13,217,762	16,787,990	92,319,204

DD: Disponibilidade de Deflúvio
 DPER: Disponibilidade de Perenização
 DPAI: Disponibilidade da Pequena Aquecimento Inter-Anual
 DPAA: Disponibilidade da Pequena Aquecimento Anual
 DSU: Disponibilidade Subterrânea Urbana
 DSR: Disponibilidade Subterrânea Rural

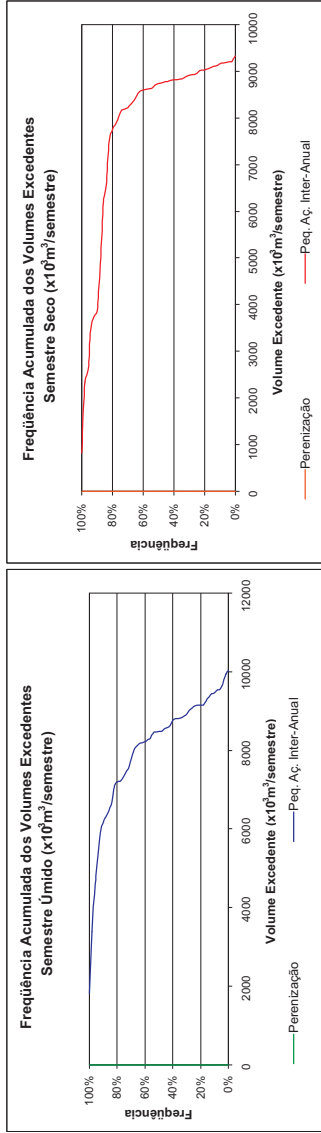
DHUC: Demanda Humana Concentrada
 DHUD: Demanda Humana Difusa
 DHUR: Demanda Humana Rural
 DI: Demanda Industrial
 DIR: Demanda de Irrigação

DIMP: Disponibilidade de Importação
 DAOT: Disponibilidade de Adutora
 DLAG: Disponibilidade de Lagoa





Malcozinhado Consolidação dos Resultados do Balanço Hídrico Distribuído por Bacia Horizonte 2020 com Infra-Estrutura Atual



DEMANDA	Estatísticas das Demandas		
	Déficit Médio (x10 ⁶ m ³ /Semestre)	Déficit Máximo (x10 ⁶ m ³ /Semestre)	Déficit Médio (% Demanda)
DHUC	0,000	0,000	0,00
DHUD	44,866	44,866	26,42
DHUR	114,379	114,379	23,67
DAR	0,934	11,973	12,83
DI	3,840,856	5,272,854	77,89
DIR	0,000	0,000	0,00
Total	4,004,376	5,607,043	35,53

Disponibilidades	Estatísticas das Disponibilidades Excedentes (x10 ⁶ m ³ /Semestre)		
	Vol. Excedente Mínimo	Vol. Excedente com 90% garantia Médio	Vol. Excedente Máximo
DD	0,000	73,841	1,735,162
DPER	0,000	0,000	41,385,392
DPAI	816,666	5,638,297	10,027,507
DPAA	1,054,867	6,241,219	11,739,029
DSU	0,000	0,000	0,000
DSR	484,651	495,816	504,987
DIMP	0,000	0,000	595,299
DADT	0,000	0,000	0,000
DLAG	3,915,505	8,048,104	9,713,165
Total	6,287,314	20,638,887	30,940,606

Perenização

Peq. Aç. Inter-Anual

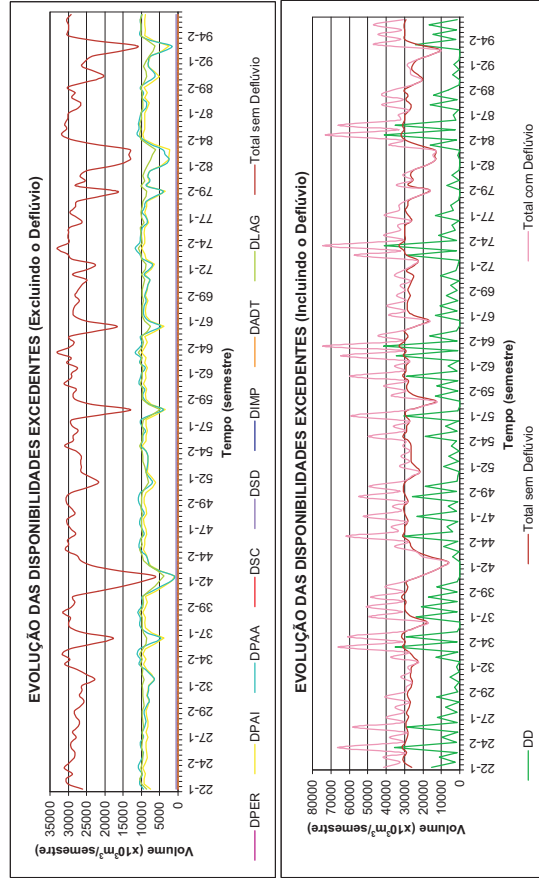
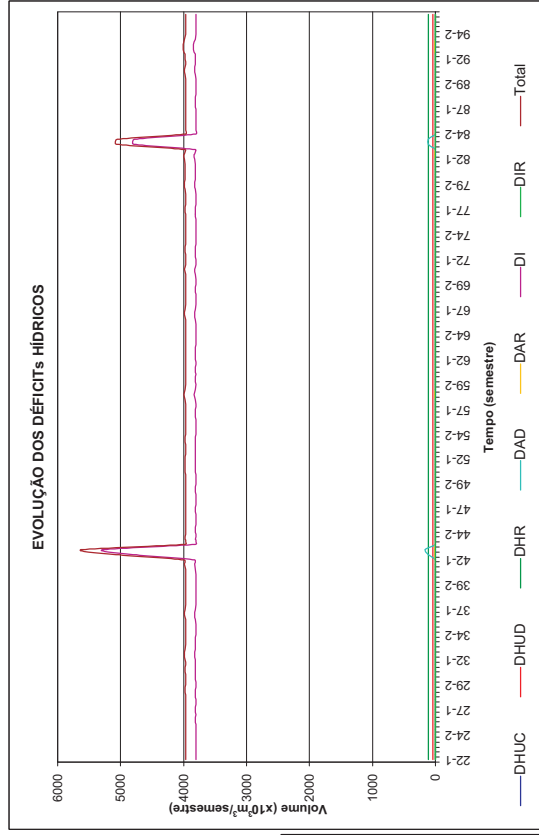
DD: Disponibilidade de Deflúvio
DPER: Disponibilidade de Perenização
DPAI: Disponibilidade da Pequena Acudagem Inter-Anual
DPAA: Disponibilidade da Pequena Acudagem Anual
DSU: Disponibilidade Subterrânea Urbana
DSR: Disponibilidade Subterrânea Rural

DIMP: Disponibilidade de Importação
DADT: Disponibilidade de Adutora
DLAG: Disponibilidade de Lagoa

Perenização

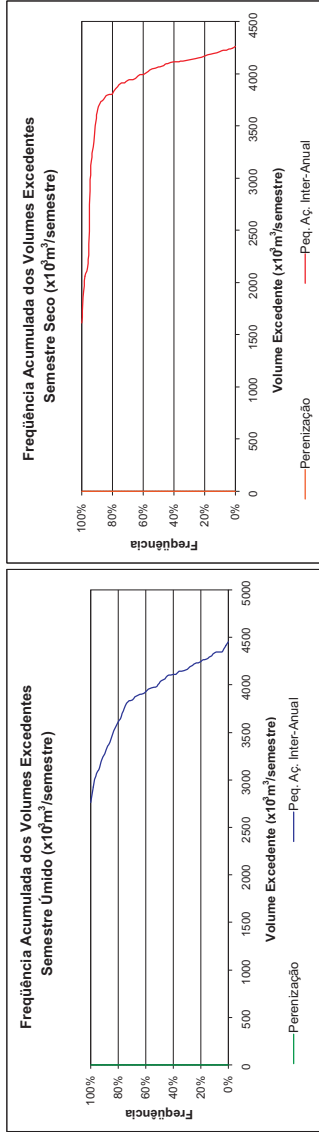
Peq. Aç. Inter-Anual

DHUC: Demanda Humana Concentrada
DHUD: Demanda Humana Difusa
DHUR: Demanda Humana Rural
DAR: Demanda Animal Rural
DI: Demanda Industrial
DIR: Demanda de Irrigação





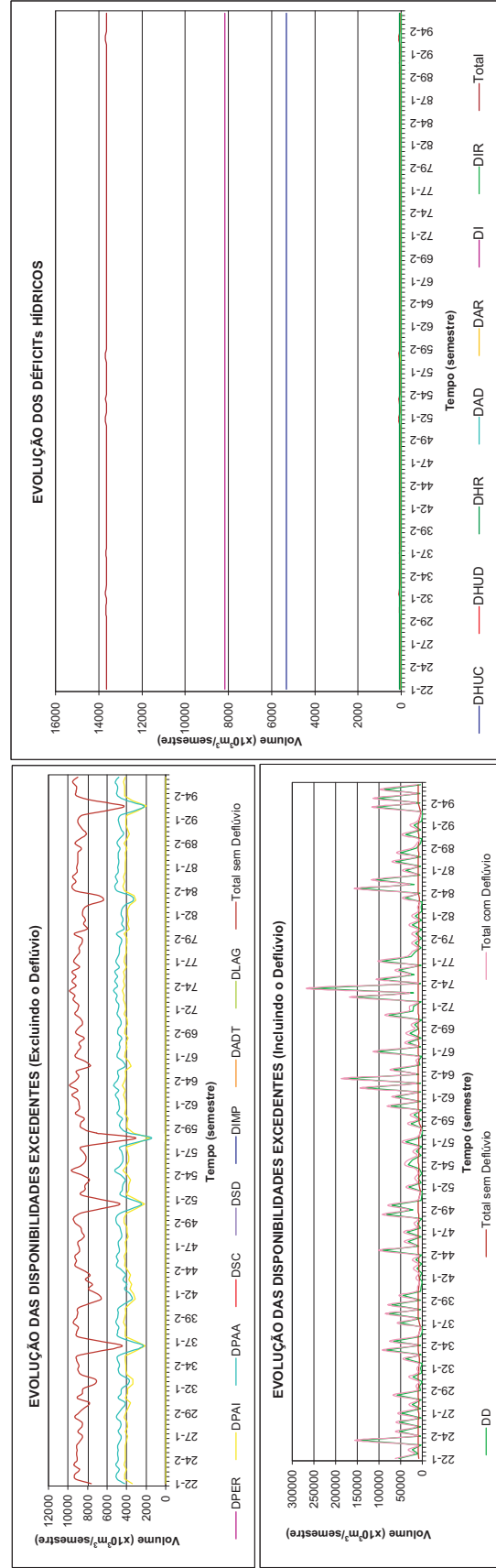
Maranguape Consolidação dos Resultados do Balanço Hídrico Distribuído por Bacia Horizonte 2020 com Infra-Estrutura Atual

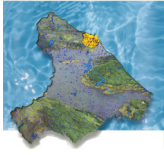


Estatísticas das Demandas			
DEMANDA	Déficit Médio (x10 ⁶ m ³ /semestre)	Déficit Máximo (% Demanda)	Déficit Médio
DHUC	5.322,062	54,51	54,51
DHUD	60,549	120,861	27,83
DHUR	79,859	81,74	81,74
DAR	1,215	25,197	23,30
DI	8.165,076	8.168,076	62,82
DIR	0,000	0,000	0,00
Total	13.632,761	13.698,310	58,78

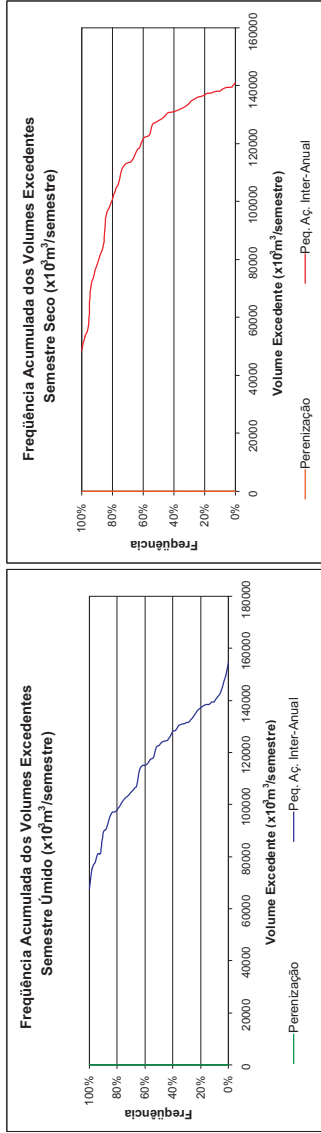
Estatísticas das Disponibilidades Excedentes (x10 ⁶ m ³ /semestre)			
Disponibilidades	Vol. Excedente Mínimo	Vol. Excedente com 90% garantia	Vol. Excedente Médio
DD	0,000	995,815	7.681,169
DPER	0,000	0,000	0,000
DPAI	1.815,387	3.353,170	4.052,905
DPAA	1.416,343	3.804,754	4.744,325
DSU	0,000	0,000	0,000
DSR	22,553	38,536	46,112
DIMP	0,000	0,000	0,000
DADT	0,000	0,000	0,000
DLAG	0,000	0,000	0,000
Total	3.054,383	9.185,622	16.688,194

- DHUC: Demanda Humana Concentrada
- DHUD: Demanda Humana Difusa
- DHUR: Demanda Humana Rural
- DAR: Demanda Animal Rural
- DI: Demanda Industrial
- DIR: Demanda de Irrigação
- DD: Disponibilidade de Deflúvio
- DPER: Disponibilidade de Perenização
- DPAI: Disponibilidade da Pequena Aqüedagem Inter-Anual
- DPAA: Disponibilidade da Pequena Aqüedagem Anual
- DSU: Disponibilidade Subterrânea Urbana
- DSR: Disponibilidade Subterrânea Rural
- DIMP: Disponibilidade de Importação
- DADT: Disponibilidade de Adutora
- DLAG: Disponibilidade de Lagoa





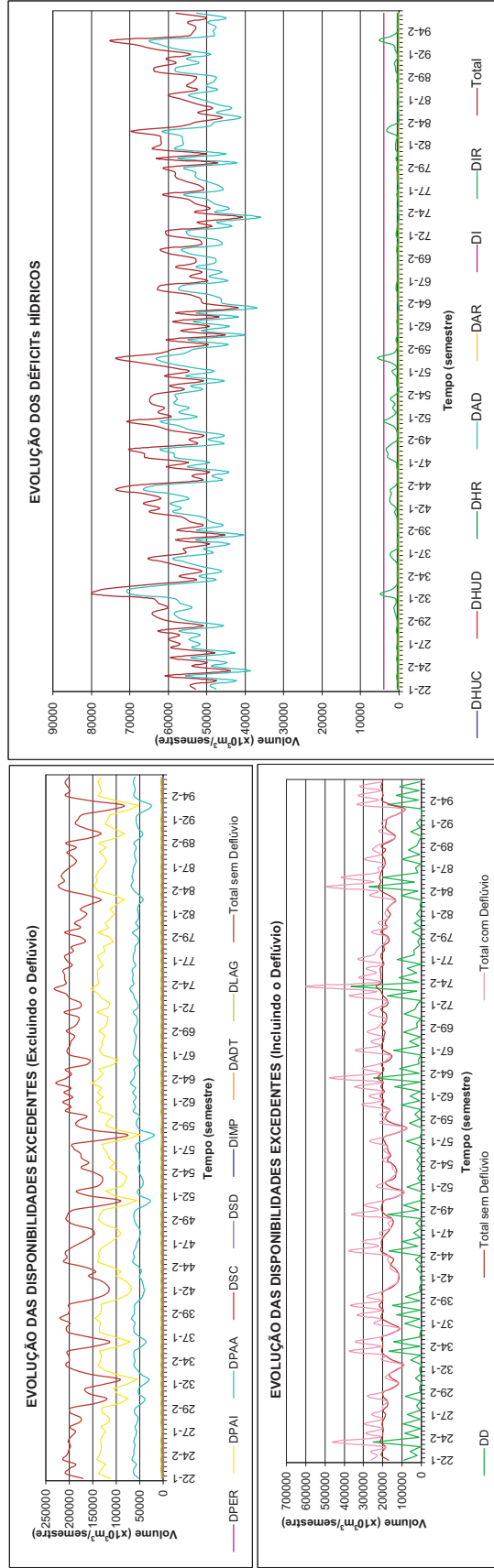
Pacoti Consolidação dos Resultados do Balanço Hídrico Distribuído por Bacia Horizonte 2020 com Infra-Estrutura Atual

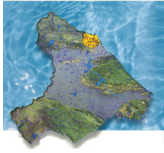


Estatísticas das Demandas				
DEMANDA	Déficit Médio (x10 ³ m ³ /Semestre)	Déficit Máximo	Déficit Médio (% Demanda)	Déficit Máximo
DHUC	418.619	418.619	26,09	26,09
DHUD	185.895	185.337	46,34	46,45
DHUR	215.394	240.797	22,39	25,03
DAR	5.627	46.317	1,30	10,74
DI	3.969.600	3.969.600	69,39	69,39
DIR	871.085	5.642.327	7,06	45,70
Total	57.469.758	79.602.500	23,28	32,25

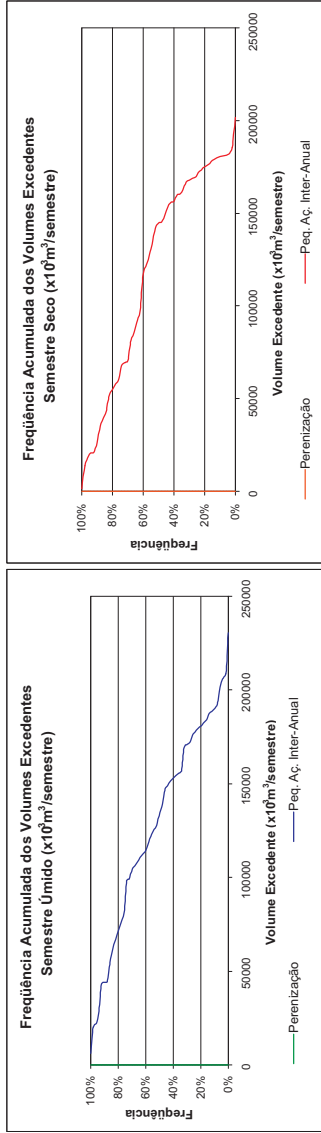
Estatísticas das Disponibilidades Excedentes (x10 ³ m ³ /Semestre)				
Disponibilidades	Vol. Excedente Mínimo	Vol. Excedente com 90% garantia	Vol. Excedente Médio	Vol. Excedente Máximo
DD	36.416	1.082.364	16.329.368	365.210.880
DPER	0,000	0,000	0,000	0,000
DPAI	48.686.356	81.230.862	124.402.660	154.315.632
DPAA	19.314.266	43.877.496	57.635.144	71.455.088
DSU	74.255	74.255	74.255	74.255
DSR	2.475.382	2.488.105	2.491.519	2.493.288
DIMP	0,000	0,000	0,000	0,000
DAOT	0,000	0,000	0,000	0,000
DLAG	3.913.273	4.057.630	4.225.935	4.568.384
Total	74.769.792	133.436.677	207.571.083	598.117.527

- DD: Disponibilidade de Deflúvio
- DPER: Disponibilidade de Perenização
- DPAI: Disponibilidade da Pequena Aquecimento Inter-Anual
- DPAA: Disponibilidade da Pequena Aquecimento Anual
- DSU: Disponibilidade Subterrânea Urbana
- DSR: Disponibilidade Subterrânea Rural
- DHUC: Demanda Humana Concentrada
- DHUD: Demanda Humana Difusa
- DHUR: Demanda Humana Rural
- DI: Demanda Industrial
- DIR: Demanda de Irrigação
- DIMP: Disponibilidade de Importação
- DAOT: Disponibilidade de Autotratamento
- DLAG: Disponibilidade de Lagoa





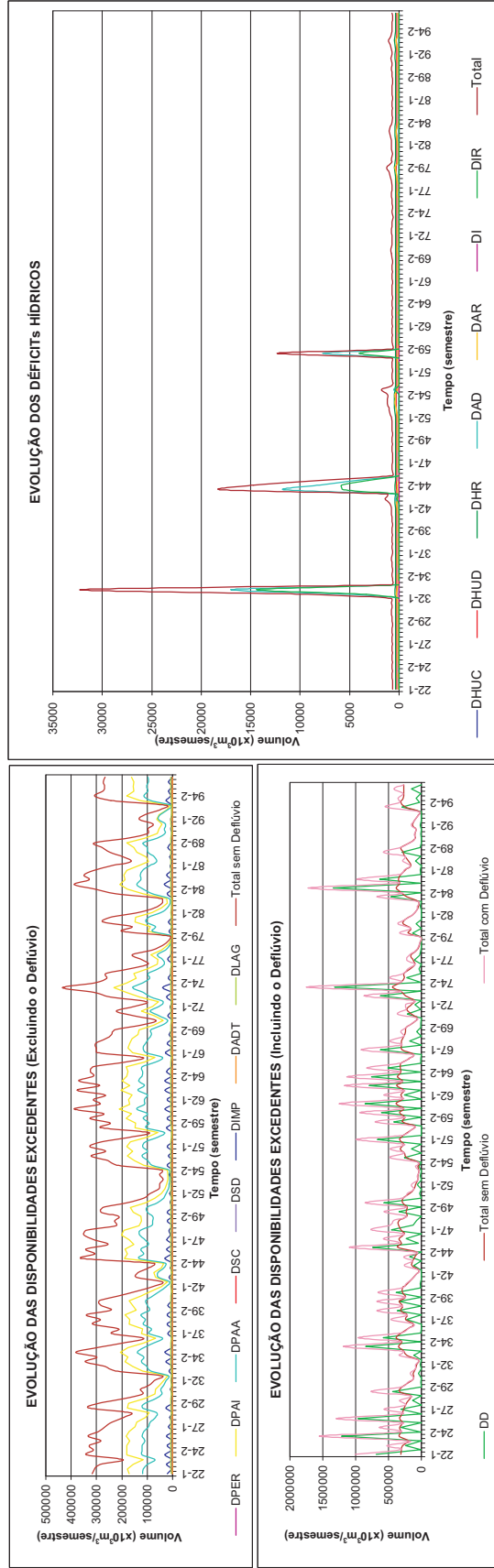
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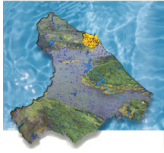


Estatísticas das Demandas				
DEMANDA	Déficit Médio (x10 ⁶ m ³ /Semestre)	Déficit Máximo (x10 ⁶ m ³ /Semestre)	Déficit Médio (% Demanda)	Déficit Máximo (% Demanda)
DHUC	19,206	19,206	48,08	48,08
DHUD	234,222	279,210	48,45	54,18
DHUR	374,475	503,339	42,21	56,73
DAR	106,608	438,981	13,37	54,78
DI	0,000	0,000	0,00	0,00
DIR	251,715	14,385,908	0,62	35,50
Total	13,351,349	32,206,374	1,51	36,03

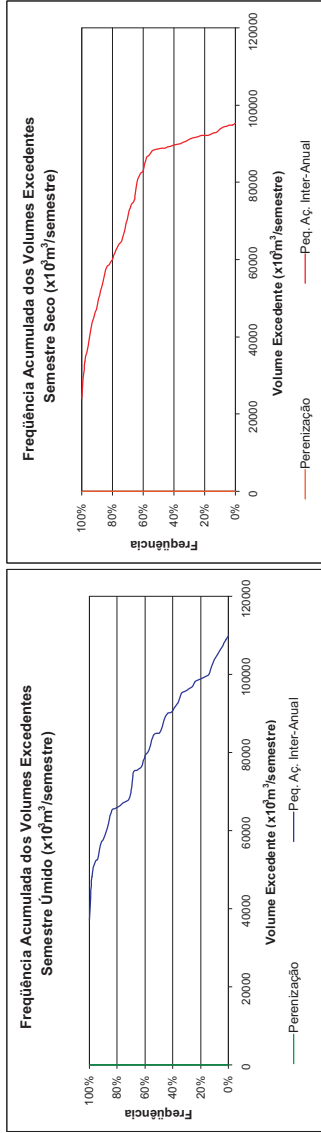
Estatísticas das Disponibilidades Excedentes (x10 ⁶ m ³ /semestre)				
Disponibilidades	Vol. Excedente Mínimo	Vol. Excedente com 90% garantia	Vol. Excedente Médio	Vol. Excedente Máximo
DD	0,000	371,239	9,407,942	1,336,175,104
DPER	0,000	0,000	0,000	0,000
DPAA	1,434,281	35,768,986	142,051,784	230,585,616
DPAA	1,045,980	21,037,744	90,827,156	157,248,480
DSU	5,658	5,658	5,658	5,658
DSU	968,123	1,111,167	1,141,100	1,171,005
DIMP	21,294	42,588	4,536,024	39,591,224
DADT	0,000	0,000	0,000	0,000
DLAG	5,015,808	5,598,241	6,010,233	6,376,255
Total	97,169,679	79,528,267	272,513,419	1,753,841,898

- DD: Disponibilidade de Deflúvio
- DPER: Disponibilidade de Perenização
- DPAA: Disponibilidade da Pequena Acumulação Inter-Anual
- DHUR: Demanda Humana Difusa
- DAR: Demanda Humana Rural
- DI: Demanda Industrial
- DIR: Demanda de Irrigação
- DHUC: Demanda Humana Concentrada
- DHUD: Demanda Humana Difusa
- DHUR: Demanda Humana Rural
- DI: Demanda Industrial
- DIR: Demanda de Irrigação
- DIMP: Disponibilidade de Importação
- DADT: Disponibilidade de Adutora
- DLAG: Disponibilidade de Lagoa
- DSU: Disponibilidade Subterrânea Urbana
- DSR: Disponibilidade Subterrânea Rural





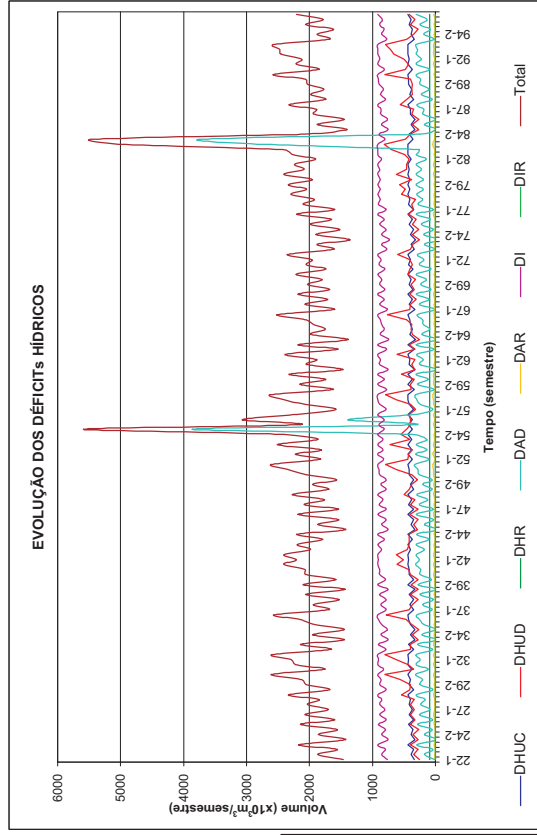
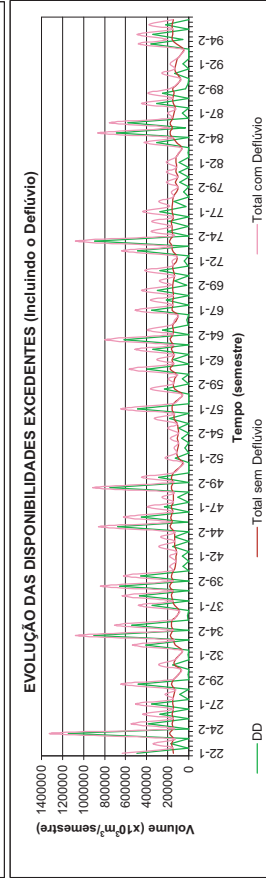
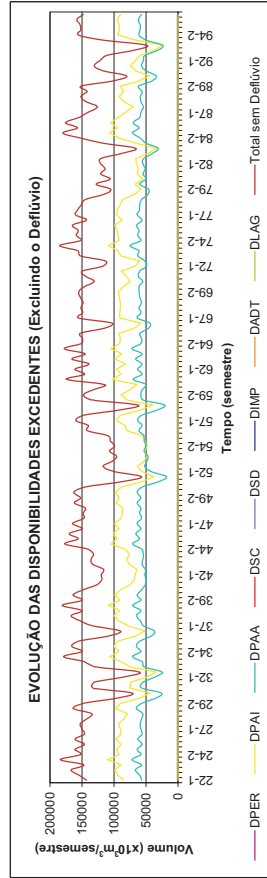
São Gonçalo Consolidação dos Resultados do Balanço Hídrico Distribuído por Bacia Horizonte 2020 com Infra-Estrutura Atual

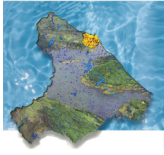


Estatísticas das Demandas			
DEMANDA	Déficit Médio (x10 ⁶ m ³ /semestre)	Déficit Máximo	Déficit Médio (% Demanda)
DHUC	396,733	437,952	71,54
DHUD	428,766	810,643	34,81
DHUR	96,262	96,591	24,75
DAR	14,148	40,758	2,83
DI	658,211	917,784	95,51
DIR	0,000	0,000	0,00
Total	2.052.520	5.591.852	10,97

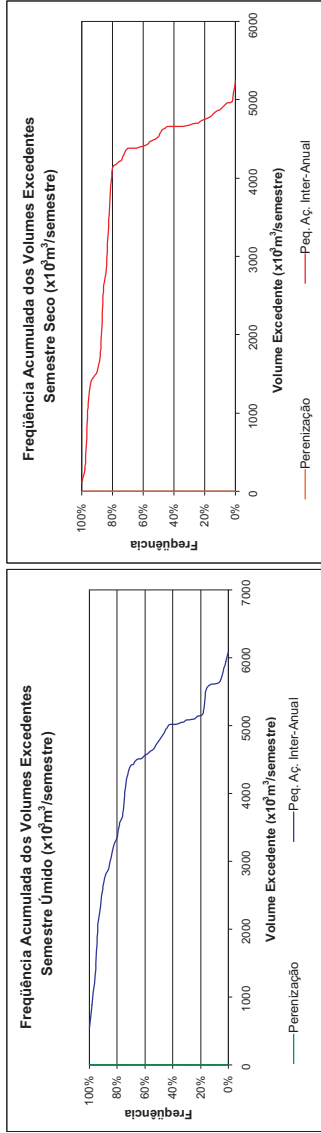
Estatísticas das Disponibilidades Excedentes (x10 ⁶ m ³ /semestre)			
Disponibilidades	Vol. Excedente Mínimo	Vol. Excedente com 90% garantia	Vol. Excedente Médio Máximo
DD	106,592	680,547	8.988,033
DPER	0,000	0,000	0,000
DPAA	24.111,666	53.148,284	88.302,688
DPAAI	18.064,454	41.904,183	57.174,148
DSU	69,120	69,120	69,120
DSR	859,213	890,144	905,636
DIMP	0,000	0,000	976,525
DAOT	0,000	0,000	0,000
DLAG	0,000	0,000	0,000
Total	49.496,689	100.549,237	160.176,568

- DHUC: Demanda Humana Concentrada
- DHUD: Demanda Humana Difusa
- DHUR: Demanda Humana Rural
- DI: Demanda Industrial
- DIR: Demanda de Irrigação
- DD: Disponibilidade de Deflúvio
- DPER: Disponibilidade de Perenização
- DPAA: Disponibilidade da Pequena Aquecimento Inter-Anual
- DPAAI: Disponibilidade da Pequena Aquecimento Anual
- DSU: Disponibilidade Subterrânea Urbana
- DSR: Disponibilidade Subterrânea Rural
- DIMP: Disponibilidade de Importação
- DAOT: Disponibilidade de Adução
- DLAG: Disponibilidade de Lagoa





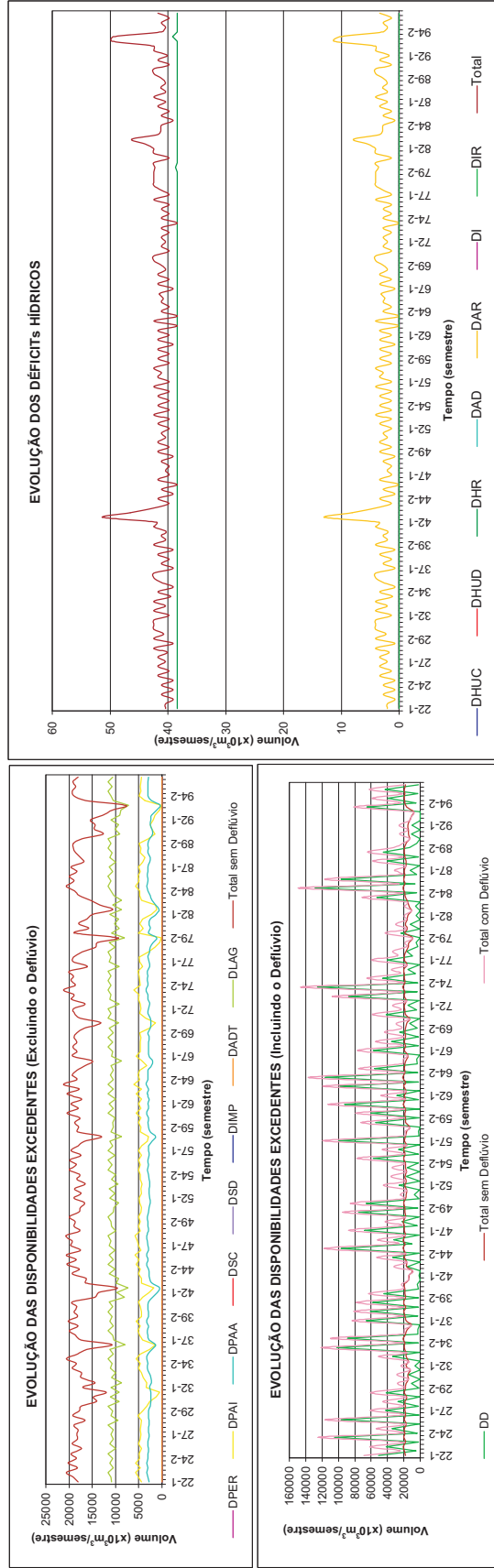
Uruaú Consolidação dos Resultados do Balanço Hídrico Distribuído por Bacia Horizonte 2020 com Infra-Estrutura Atual



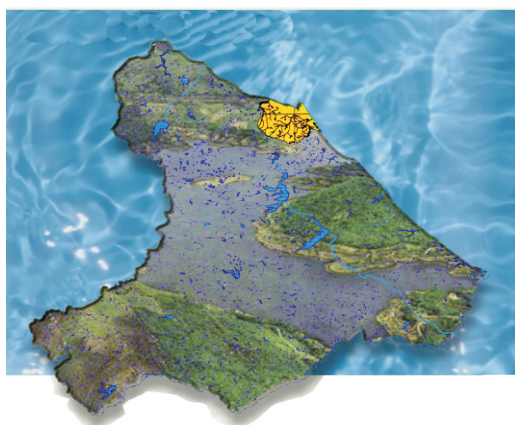
Estatísticas das Demandas			
DEMANDA	Déficit Médio (x10 ⁶ m ³ /Semestre)	Déficit Máximo	Déficit Médio (% Demanda)
DHUC	0,000	0,000	0,00
DHUD	0,000	0,000	0,00
DHUR	38,407	39,198	50,34
DAR	2,792	12,883	23,08
DI	0,000	0,000	0,00
DIR	0,000	0,000	0,00
Total	41,199	51,283	31,18

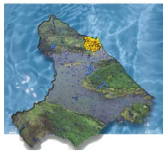
Estatísticas das Disponibilidades Excedentes (x10 ⁶ m ³ /semestre)			
Disponibilidades	Vol. Excedente Mínimo	Vol. Excedente com 90% garantia	Vol. Excedente Médio
DD	0,000	317,744	4,596,091
DPER	0,000	0,000	0,000
DPAI	114,025	2,124,417	4,646,246
DPAA	441,639	2,132,996	2,969,114
DSU	0,000	0,000	0,000
DSR	54,312	57,204	60,096
DIMP	0,000	0,000	0,000
DADT	0,000	0,000	0,000
DLAG	7,185,093	9,165,700	10,811,678
Total	7,795,069	14,722,881	22,788,685

- DHUC: Demanda Humana Concentrada
- DHUD: Demanda Humana Difusa
- DHUR: Demanda Humana Rural
- DAR: Demanda Animal Rural
- DI: Demanda Industrial
- DIR: Demanda de Irrigação
- DD: Disponibilidade de Deflúvio
- DPER: Disponibilidade de Perenização
- DPAI: Disponibilidade da Pequena Acudagem Inter-Anual
- DPAA: Disponibilidade da Pequena Acudagem Anual
- DSU: Disponibilidade Subterrânea Urbana
- DSR: Disponibilidade Subterrânea Rural
- DIMP: Disponibilidade de Importação
- DADT: Disponibilidade de Adutora
- DLAG: Disponibilidade de Lagoa



PLANO DE GERENCIAMENTO DAS ÁGUAS DAS BACIAS METROPOLITANAS





ÍNDICE

TOMO I

APRESENTAÇÃO

LISTA DE TABELAS E FIGURAS

1 - INTRODUÇÃO	1-2
1.1 - HORIZONTES E CENÁRIOS DE APLICAÇÃO DO BALANÇO HÍDRICO DISTRIBUÍDO	1-2
2 - O BALANÇO HÍDRICO DISTRIBUÍDO	2-2
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