

ANNEXE ACEE-29
Tableau 2.9 Impacts Moyens

Tableau 2.9 Impacts du projet sur les débits moyens mensuels pour les années 1, 4, 9, 13 et 17 pour les scénarios avec 1 et 3 points de rejet

SCÉNARIO 3 POINTS DE REJET (Iac 4, Iac 6, cours d'eau A)

Point	IMPACT SUR LES DÉBITS MOYENS (%)																																			
	ANNÉE 1												ANNÉE 4												ANNÉE 9											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
F2	-17%	-20%	-23%	-20%	-9%	-9%	-11%	-11%	-11%	-10%	-11%	-13%	6%	10%	13%	10%	-2%	-2%	-1%	-1%	-1%	-1%	-1%	2%	94%	125%	149%	124%	24%	23%	37%	35%	36%	31%	36%	57%
F1	-11%	-14%	-15%	-14%	-6%	-6%	-7%	-7%	-7%	-7%	-9%	-7%	-8%	-9%	-8%	-5%	-5%	-5%	-5%	-5%	-5%	-6%	11%	15%	19%	15%	0%	0%	2%	2%	2%	1%	2%	5%		
D	-4%	-5%	-5%	-5%	-2%	-2%	-3%	-3%	-3%	-3%	-3%	-2%	-3%	-3%	-3%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	4%	5%	7%	5%	0%	0%	1%	1%	1%	0%	1%	2%		
A3	-116%	-127%	-137%	-127%	-89%	-88%	-94%	-93%	-93%	-91%	-93%	-101%	-116%	-128%	-137%	-127%	-89%	-89%	-94%	-93%	-93%	-91%	-93%	-101%	-116%	-128%	-137%	-127%	-89%	-89%	-94%	-93%	-94%	-91%	-93%	-101%
A2	32%	67%	106%	168%	-21%	-2%	50%	50%	68%	9%	-21%	-7%	119%	180%	240%	281%	5%	24%	87%	86%	104%	41%	15%	48%	119%	182%	249%	341%	18%	48%	132%	133%	161%	67%	21%	48%
A1	19%	44%	71%	117%	-17%	-3%	33%	34%	46%	4%	-18%	-8%	82%	125%	168%	198%	1%	15%	60%	59%	73%	27%	8%	31%	82%	127%	174%	241%	10%	32%	93%	93%	113%	46%	12%	32%
M2	-71%	-72%	-72%	-72%	-70%	-70%	-70%	-70%	-70%	-70%	-71%	-81%	-84%	-87%	-84%	-73%	-73%	-74%	-74%	-74%	-74%	-74%	-77%	-87%	-93%	-97%	-93%	-75%	-75%	-77%	-77%	-77%	-76%	-77%	-81%	
M1	-40%	-41%	-42%	-41%	-38%	-38%	-38%	-38%	-38%	-38%	-39%	-43%	-45%	-46%	-45%	-39%	-39%	-40%	-40%	-40%	-39%	-40%	-41%	-45%	-47%	-49%	-47%	-39%	-39%	-40%	-40%	-40%	-40%	-40%	-42%	
A1 + M1	-8%	6%	20%	46%	-27%	-19%	1%	1%	9%	-15%	-27%	-22%	26%	49%	72%	89%	-17%	-9%	15%	15%	22%	-3%	-13%	-1%	24%	48%	73%	112%	-12%	0%	33%	33%	44%	7%	-11%	-2%
N3	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%		
N2	-16%	-17%	-18%	-17%	-14%	-14%	-14%	-14%	-14%	-14%	-15%	-21%	-24%	-26%	-24%	-15%	-15%	-16%	-16%	-16%	-16%	-18%	-23%	-26%	-29%	-26%	-16%	-16%	-17%	-17%	-17%	-17%	-19%			
N1	-11%	-11%	-12%	-11%	-9%	-9%	-9%	-9%	-9%	-9%	-10%	-14%	-16%	-17%	-16%	-10%	-10%	-11%	-11%	-11%	-11%	-12%	-15%	-17%	-19%	-17%	-11%	-10%	-11%	-11%	-11%	-11%	-13%			
C4	-11%	-15%	-18%	-15%	-3%	-3%	-5%	-5%	-5%	-4%	-5%	-7%	74%	96%	115%	96%	22%	22%	32%	31%	31%	27%	31%	46%	208%	270%	321%	268%	62%	61%	89%	86%	87%	77%	86%	130%
C3	-13%	-16%	-19%	-16%	-5%	-4%	-6%	-6%	-6%	-5%	-6%	-8%	23%	30%	36%	30%	6%	6%	9%	9%	9%	8%	9%	14%	96%	125%	148%	124%	27%	27%	40%	39%	40%	34%	39%	59%
C2	-7%	-8%	-9%	-8%	-4%	-4%	-5%	-4%	-5%	-4%	-5%	22%	29%	35%	29%	4%	4%	8%	7%	7%	6%	7%	12%	76%	100%	120%	100%	20%	20%	31%	30%	30%	26%	30%	47%	
C1	-11%	-14%	-16%	-14%	-5%	-5%	-6%	-6%	-6%	-6%	-8%	11%	15%	19%	15%	2%	1%	3%	3%	3%	3%	3%	6%	60%	78%	94%	78%	16%	16%	24%	23%	24%	20%	23%	36%	
N1+C1	-11%	-13%	-15%	-13%	-6%	-6%	-7%	-7%	-7%	-6%	-8%	7%	10%	13%	10%	0%	-1%	1%	1%	1%	0%	1%	3%	47%	62%	75%	62%	11%	11%	18%	17%	18%	15%	17%	28%	
E	-74%	-80%	-85%	-80%	-59%	-58%	-61%	-61%	-61%	-60%	-66%	-81%	-89%	-96%	-89%	-61%	-60%	-64%	-64%	-64%	-63%	-64%	-70%	-88%	-99%	-108%	-99%	-63%	-63%	-68%	-67%	-67%	-65%	-67%	-75%	

SCÉNARIO 1 SEUL POINT DE REJET (COURS D'EAU A)

Point	IMPACT SUR LES DÉBITS MOYENS (%)																																			
	ANNÉE 1												ANNÉE 4												ANNÉE 9											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
F2	-17%	-20%	-23%	-20%	-9%	-9%	-11%	-11%	-11%	-10%	-11%	-13%	-26%	-32%	-37%	-32%	-12%	-12%	-15%	-14%	-14%	-13%	-14%	-18%	-41%	-51%	-59%	-51%	-16%	-16%	-21%	-20%	-20%	-19%	-20%	-28%
F1	-11%	-14%	-15%	-14%	-6%	-6%	-7%	-7%	-7%	-7%	-9%	-15%	-18%	-20%	-18%	-7%	-7%	-9%	-9%	-9%	-8%	-9%	-11%	-21%	-27%	-31%	-26%	-9%	-9%	-12%	-11%	-11%	-11%	-11%	-15%	
D	-4%	-5%	-5%	-5%	-2%	-2%	-3%	-3%	-3%	-3%	-3%	-5%	-6%	-7%	-6%	-3%	-3%	-3%	-3%	-3%	-3%	-4%	-8%	-9%	-11%	-9%	-3%	-3%	-4%	-4%	-4%	-4%	-4%	-5%		
A3	-116%	-127%	-137%	-127%	-89%	-88%	-94%	-93%	-93%	-91%	-93%	-101%	-116%	-128%	-137%	-127%	-89%	-89%	-94%	-93%	-93%	-91%	-93%	-101%	-116%	-128%	-137%	-127%	-89%	-89%	-94%	-93%	-94%	-91%	-93%	-101%
A2	32%	67%	106%	168%	-21%	-2%	50%	50%	68%	9%	-21%	-7%	250%	350%	442%	450%	43%	62%	143%	140%	159%	89%	69%	129%	424%	579%	721%	735%	108%	137%	263%	258%	289%	179%	147%	239%
A1	19%	44%	71%	117%	-17%	-3%	33%	34%	46%	4%	-18%	-8%	176%	248%	314%	319%	29%	42%	100%	98%	112%	62%	47%	90%	302%	413%	515%	525%	75%	97%	187%	184%	206%	127%	104%	169%
M2	-71%	-72%	-72%	-72%	-70%	-70%	-70%	-70%	-70%	-70%	-71%	-81%	-84%	-87%	-84%	-73%	-73%	-74%	-74%	-74%	-74%	-74%	-77%	-87%	-93%	-97%	-93%	-75%	-75%	-77%	-77%	-77%	-76%	-77%	-81%	
M1	-40%	-41%	-42%	-41%	-38%	-38%	-38%	-38%	-38%	-38%	-39%	-43%	-45%	-46%	-45%	-39%	-39%	-40%	-40%	-40%	-39%	-40%	-41%	-45%	-47%	-49%	-47%	-39%	-39%	-40%	-40%	-40%	-40%	-40%	-42%	
A1 + M1	-8%	6%	20%	46%	-27%	-19%	1%	1%	9%	-15%	-27%	-22%	78%	117%	152%	156%	-1%	6%	38%	37%	44%	16%	8%	31%	146%	206%	262%	269%	24%	36%	85%	83%	96%	52%	39%	74%
N3	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%	-50%		
N2	-16%	-17%	-18%	-17%	-14%	-14%	-14%	-14%	-14%	-14%	-15%	-21%	-24%	-26%	-24%	-15%	-15%	-16%	-16%	-16%	-16%	-18%	-23%	-26%	-29%	-26%	-16%	-16%	-17%	-17%	-17%	-17%	-19%			
N1	-11%	-11%	-12%	-11%	-9%	-9%	-9%	-9%	-9%	-9%	-10%	-14%	-16%	-17%	-16%	-10%	-10%	-11%	-11%	-11%	-11%	-12%	-15%	-17%	-19%	-17%	-11%	-10%	-11%	-11%	-11%	-11%	-13%			
C4	-11%	-15%	-18%	-15%	-3%	-3%	-5%	-5%	-5%	-4%	-5%	-7%	-20%	-26%	-31%	-26%	-6%	-6%	-8%	-8%	-8%	-7%	-8%	-12%	-28%	-36%	-43%	-36%	-8%	-8%	-12%	-11%	-12%	-10%	-11%	-17%
C3	-13%	-16%	-19%	-16%	-5%	-4%	-6%	-6%	-6%	-5%	-6%	-8%	-30%	-39%	-46%	-39%	-10%	-10%	-14%	-13%	-13%	-12%	-19%	-37%	-48%	-57%	-47%	-12%	-12%	-16%	-16%	-16%	-14%	-16%	-23%	
C2	-7%	-8%	-9%	-8%	-4%	-4%	-5%	-4%	-5%	-4%	-5%	-20%	-25%	-29%	-25%	-8%	-8%	-10%	-10%	-10%	-9%	-10%	-14%	-28%	-35%	-42%	-35%	-10%	-10%	-14%	-13%	-13%	-12%	-13%	-19%	
C1	-11%	-14%	-16%	-14%	-5%	-5%	-6%	-6%	-6%	-6%	-8%	-24%	-31%	-36%	-31%	-9%	-9%	-12%	-11%	-12%	-11%	-12%	-16%	-29%	-37%	-44%	-37%	-10%	-10%	-14%	-13%	-14%	-12%	-14%	-19%	
N1+C1	-11%	-13%	-15%	-13%	-6%	-6%	-7%	-7%	-7%	-6%	-8%	-23%	-28%	-33%	-28%	-9%	-9%	-12%	-11%	-12%	-11%	-11%	-15%	-27%	-34%	-39%	-33%	-10%	-10%	-13%	-13%	-13%	-12%	-13%	-18%	
E	-74%	-80%	-85%	-80%	-59%	-58%	-61%	-61%	-61%	-60%	-66%	-81%	-89%	-96%	-89%	-61%	-60%	-64%	-64%	-64%	-63%	-64%	-70%	-88%	-99%	-108%	-99%	-63%	-63%	-68%	-67%	-67%	-65%	-67%	-75%	

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SCÉNARIO 3 POINTS DE REJET (Iac 4, Iac 6, cours d'eau A)

Point	IMPACT SUR LES DÉBITS MOYENS (%)																							
	ANNÉE 13												ANNÉE 17											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
F2	78%	103%	123%	102%	19%	18%	30%	28%	29%	25%	29%	46%	49%	66%	79%	65%	10%	10%	18%	17%	17%	14%	17%	28%
F1	3%	6%	8%	6%	-2%	-2%	-1%	-1%	-1%	-1%	-1%	1%	-13%	-16%	-18%	-16%	-7%	-7%	-8%	-8%	-8%	-7%	-8%	-10%
D	1%	2%	3%	2%	-1%	-1%	0%	0%	0%	0%	0%	0%	-5%	-6%	-6%	-6%	-2%	-2%	-3%	-3%	-3%	-3%	-3%	
A3	-116%	-128%	-138%	-128%	-89%	-89%	-94%	-93%	-94%	-92%	-93%	-102%	-117%	-128%	-138%	-128%	-89%	-89%	-94%	-93%	-94%	-92%	-93%	-102%
A2	119%	182%	249%	341%	18%	48%	132%	133%	161%	67%	21%	48%	119%	182%	249%	341%	17%	48%	132%	132%	161%	67%	21%	48%
A1	82%	127%	174%	241%	10%	32%	93%	93%	113%	46%	12%	32%	82%	126%	174%	241%	10%	32%	93%	93%	113%	46%	12%	32%
M2	-93%	-100%	-105%	-99%	-76%	-76%	-79%	-79%	-79%	-78%	-79%	-84%	-115%	-129%	-140%	-129%	-83%	-83%	-89%	-88%	-89%	-86%	-89%	-98%
M1	-46%	-49%	-51%	-49%	-40%	-40%	-41%	-41%	-41%	-40%	-41%	-43%	-53%	-57%	-61%	-57%	-42%	-42%	-44%	-43%	-44%	-43%	-44%	-47%
A1 + M1	23%	47%	72%	110%	-12%	0%	32%	33%	44%	7%	-12%	-2%	19%	41%	65%	104%	-14%	-2%	31%	31%	42%	5%	-14%	-5%
N3	-60%	-63%	-65%	-63%	-53%	-53%	-54%	-54%	-54%	-54%	-54%	-56%	-88%	-100%	-109%	-100%	-62%	-61%	-67%	-66%	-66%	-64%	-66%	-74%
N2	-26%	-30%	-34%	-30%	-17%	-17%	-19%	-18%	-19%	-18%	-18%	-21%	-40%	-48%	-55%	-48%	-21%	-21%	-25%	-24%	-24%	-23%	-24%	-30%
N1	-17%	-20%	-22%	-20%	-11%	-11%	-12%	-12%	-12%	-12%	-12%	-14%	-24%	-29%	-32%	-28%	-13%	-13%	-15%	-15%	-15%	-14%	-15%	-18%
C4	197%	256%	304%	254%	58%	58%	84%	81%	83%	72%	82%	123%	161%	209%	249%	208%	48%	47%	69%	66%	68%	59%	67%	100%
C3	85%	110%	132%	110%	24%	24%	36%	34%	35%	30%	34%	52%	60%	78%	93%	77%	17%	17%	25%	24%	24%	21%	24%	37%
C2	67%	88%	105%	88%	18%	18%	27%	26%	26%	23%	26%	41%	45%	60%	71%	59%	11%	11%	18%	17%	17%	15%	17%	27%
C1	52%	68%	82%	68%	14%	13%	21%	20%	20%	17%	20%	31%	33%	44%	53%	44%	8%	8%	13%	12%	12%	11%	12%	20%
N1+C1	40%	53%	64%	53%	9%	9%	15%	14%	15%	12%	15%	24%	23%	31%	38%	31%	4%	4%	8%	8%	8%	6%	8%	13%
E	-100%	-114%	-126%	-114%	-66%	-66%	-73%	-72%	-72%	-70%	-72%	-82%	-190%	-231%	-265%	-230%	-93%	-92%	-111%	-109%	-110%	-103%	-109%	-138%

SCÉNARIO 1 SEUL POINT DE REJET (COURS D'EAU A)

Point	IMPACT SUR LES DÉBITS MOYENS (%)																							
	ANNÉE 13												ANNÉE 17											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
F2	-57%	-73%	-85%	-72%	-21%	-21%	-28%	-27%	-28%	-25%	-27%	-38%	-86%	-110%	-130%	-109%	-30%	-29%	-40%	-39%	-40%	-35%	-39%	-56%
F1	-29%	-36%	-42%	-36%	-11%	-11%	-15%	-14%	-15%	-13%	-14%	-20%	-45%	-58%	-68%	-57%	-16%	-16%	-22%	-21%	-21%	-19%	-21%	-30%
D	-10%	-13%	-15%	-13%	-4%	-4%	-5%	-5%	-5%	-5%	-5%	-7%	-16%	-20%	-24%	-20%	-6%	-6%	-8%	-7%	-8%	-7%	-8%	-11%
A3	-116%	-128%	-138%	-128%	-89%	-89%	-94%	-93%	-94%	-92%	-93%	-102%	-117%	-128%	-138%	-128%	-89%	-89%	-94%	-93%	-94%	-92%	-93%	-102%
A2	424%	579%	721%	735%	108%	137%	263%	258%	289%	179%	147%	239%	424%	578%	720%	735%	107%	137%	263%	258%	289%	179%	147%	238%
A1	302%	413%	514%	525%	75%	97%	187%	184%	206%	126%	104%	169%	302%	412%	514%	525%	75%	96%	187%	184%	206%	126%	103%	169%
M2	-93%	-100%	-105%	-99%	-76%	-76%	-79%	-79%	-79%	-78%	-79%	-84%	-115%	-129%	-140%	-129%	-83%	-83%	-89%	-88%	-89%	-86%	-89%	-98%
M1	-46%	-49%	-51%	-49%	-40%	-40%	-41%	-41%	-41%	-40%	-41%	-43%	-53%	-57%	-61%	-57%	-42%	-42%	-44%	-43%	-44%	-43%	-44%	-47%
A1 + M1	145%	205%	260%	267%	24%	35%	85%	83%	95%	52%	39%	74%	141%	199%	253%	262%	22%	34%	83%	81%	93%	50%	37%	71%
N3	-60%	-63%	-65%	-63%	-53%	-53%	-54%	-54%	-54%	-54%	-54%	-56%	-88%	-100%	-109%	-100%	-62%	-61%	-67%	-66%	-66%	-64%	-66%	-74%
N2	-26%	-30%	-34%	-30%	-17%	-17%	-19%	-18%	-19%	-18%	-18%	-21%	-40%	-48%	-55%	-48%	-21%	-21%	-25%	-24%	-24%	-23%	-24%	-30%
N1	-17%	-20%	-22%	-20%	-11%	-11%	-12%	-12%	-12%	-12%	-12%	-14%	-24%	-29%	-32%	-28%	-13%	-13%	-15%	-15%	-15%	-14%	-15%	-18%
C4	-39%	-51%	-60%	-50%	-11%	-11%	-17%	-16%	-16%	-14%	-16%	-24%	-75%	-97%	-116%	-97%	-22%	-22%	-32%	-31%	-31%	-27%	-31%	-47%
C3	-48%	-62%	-73%	-61%	-15%	-15%	-21%	-20%	-21%	-18%	-20%	-30%	-73%	-94%	-112%	-94%	-22%	-22%	-32%	-31%	-31%	-27%	-31%	-46%
C2	-37%	-47%	-56%	-47%	-13%	-13%	-18%	-17%	-17%	-16%	-17%	-24%	-59%	-76%	-90%	-76%	-20%	-19%	-27%	-26%	-27%	-24%	-26%	-38%
C1	-37%	-47%	-56%	-47%	-13%	-13%	-17%	-17%	-17%	-15%	-17%	-24%	-56%	-72%	-85%	-71%	-18%	-18%	-25%	-24%	-25%	-22%	-25%	-36%
N1+C1	-34%	-43%	-50%	-42%	-12%	-12%	-16%	-16%	-16%	-15%	-16%	-22%	-50%	-64%	-76%	-64%	-17%	-17%	-24%	-23%	-23%	-21%	-23%	-33%
E	-100%	-114%	-126%	-114%	-66%	-66%	-73%	-72%	-72%	-70%	-72%	-82%	-190%	-231%	-265%	-230%	-93%	-92%	-111%	-109%	-110%	-103%	-109%	-138%