Dam:	Joumoua	Country	Morocco
River	Joumoua	34°55'54.99"N 4°19'02.76"W	34.931942 -4.317433
Owner/Client	Direction des Aménagements Hydrauliques		
Designer/Engineer	SCET - EQUITER		
Contractor	Direction des Aménagements Hydrauliques		

Purpose (code)	W
Site start	15.07.1989
RCC start	15.06.1990
RCC completion	30.11.1992
Site completion	30.12.1992
Height (m)	57
Length (m)	250
Volume of RCC (m^3x10^3)	150
Total volume (m^3x10^3)	200
Reservoir capacity (m^3x10^6)	7
Upstream slope	0.20
Forming of upstream face (code)	(5)
Downstream slope	0.80
Forming of downstream face (code)	(1) *
Spillway slope	0.80
Forming of spillway face (code)	(1) *
Depth of layers (mm)	350
Depth of lifts (mm)	350
Cement content (kg/m^3)	105 180
Pozzolan content (kg/m^3)	45 0
Code for pozzolan	(-)
RCCDAM Unique Serial No.	RCCDAM0108

Completed Dam



RCCDAM0108CD

Google Earth



RCCDAM0108GE

Guide to Abbreviations

Purpose

E	Environmental
F	Flood control
G	Groundwater recharge
H	Flood control
I	Irrigation
N	Navigation
P	Pollution control
R	Recreation
W	Water supply

Facing method

(1)	Traditional concrete against formwork
(2)	Traditional concrete against formwork with external geomembrane
(3)	RCC against formwork
(4)	RCC against formwork with external geomembrane
(5)	Traditional concrete against precast concrete panels
(6)	Traditional concrete against precast concrete panels with geomembrane
(7)	RCC against precast concrete panels
(8)	RCC against precast concrete panels with geomembrane
(9)	RCC against precast concrete panels with hot poured membrane
(10)	RCC against precast concrete blocks
(11)	Reinforced conventional concrete cast before RCC placement
(12)	Reinforced conventional concrete cast after RCC placement
(13)	Reinforced concrete cast against precast units or slip-formed facing elements
(14)	Slip-formed/extruded facing elements
(15)	RCC supported by fill shoulders
(16)	Mechanically compacted unformed face of RCC
(17)	Unformed face of RCC
'	GEVR/GE-RCC
*	Stepped face

Pozzolans

(-)	No Pozzolan Used
(C)	High-lime flyash (ASTM Class C)
(F)	Low-lime flyash (ASTM Class F)
(M)	Milled sand
(N)	Natural pozzolan (ASTM Class N)
(R)	ROLAC (mixture of flyash and slag with or without limestone fines)
(S)	Ground-granulated blast-furnace slag
(L)	Mixture of GGBFS and limestone fines