## **RESERVOIR CAPACITY ALLOCATIONS**

TYPE OF DAM	REG		
OPERATED BY RESERVOI			
CREST LENGTH FT. CREST WIDTH	FT.	DAM	
VOLUME OF DAM	CU YD.	PROJECT	
CONSTRUCTION PERIOD		DIVISION	
STREAM		UNIT	
RES AREA ACRES AT EL		STATUS OF DAM	
ORIGINATED BY:	APPROVED B		
ORIGINATED BT.	APPROVED B	1.	
(Initials) (Code) (	Date)	(Initials) (Code) (Date)	
	OF DAM (without camber)	<u>EL</u>	
+ ft. + + - a. f. (1)		} FREEBOARD	
+ + 6		FT.	
H G G MAXIMI	JM WATER SURFACE E	<u> </u>	
		SURCHARGE	
		<b>)</b>	
TOP OF	EVELLISIVE EL COD CONTROL	A.F.	
10P 0F	EXCLUSIVE FLOOD CONTROL	EXCLUSIVE	
		EXOLOGIVE	
		FLOOD CONTROL	
		A.F	
TOP OF	JOINT USE	<u>EL</u>	
Height above streambed  + Total capacity  + Live capacity  + Active capacity		JOINT USE	
tructural height above stream  Total capacity -  Live capacity  Live capacity  Active capacity  Active capacity  Active capacity	F.C	A.F.	
it above strear  Total capacity  Live capacity  Active capacity  Active capacit  Active capacit  Section Capacity  Active capacit  Active capacit  Capacity  Active capacit	.0.		
	ACTIVE CONSERVATION E	<u>L</u>	
ucti abc · otal ctiv.		ACTIVE	
ght dight		CONSERVATION	
± 9 / 110Ec.		CONSERVATION	
		A.F.	
E TOP OF	INACTIVE (2)	EL	
	* *	INACTIVE	
Maximum height (structural height)		<b>1</b>	
. i i i i i i i i i i i i i i i i i i i	DEAD	A.F.	
<u> </u>	DEAD	<u>EL</u>	
		<b>}</b> DEAD	
		A.F.	
<b>Ů U</b> STREAM	IBED AT DAM AXIS	<u></u>	
LOWEST POINT OF FOUNDATION EXCAVATION EL			
(1) Includes	a f allowance for	year addiment denocition between	
(1) Includes		year sediment deposition between	
		a.f. is above EL	
(2) Established by		·	
REFERENCES AND COMMENTS:			
REI ERENGES AND COMMENTS.			

## Instructions for Use of Form 7-1686 Reservoir Capacity Allocations

Up-to-date files of RCA sheets are maintained in the Technical Service Center, and in the regional offices as a convenient record of the official reservoir capacity allocations for authorized purposes. Inquiries concerning and recommended revisions to RCA sheets are to be sent to the Operation and Structural Safety Group, Technical Service Center, attention Code 86-68470.

Recommendations to revise RCA sheets are to be accompanied by supporting documentation and appropriate explanation. Such support should be in the form of copies of or references to filed reports, agreements, contracts, or official correspondence, which establishes physical, operational, or contractual basis for the recommended revisions. The responsible Technical Service Center code, indicated above, will circulate proposed revisions to the regional office and to other concerned groups in the Technical Service Center. After there is agreement between the regional office and the Technical Service Center on revision proposals, copies of the revised RCA sheet will be prepared and formally distributed by the Operation and Structural Safety Group to the regional office, the Washington office, and other Technical Service Center codes.

Reservoir capacity and elevation data on RCA sheets are to be in conformance with Bureau of Reclamation Reservoir Data Definitions as established by the Technical Service Center for inclusion in Reclamation Instructions. Insert in footnote 2, the appropriate notation "water supply," "F&W," "recreation," "compact," "powerplant," "structure protection," or "legislation" to indicate the condition which determines the top of inactive capacity. Authorized uses of joint use and active capacities should be indicated by inserting in the spaces provided FC for flood control, I for irrigation, M&I for municipal an industrial, P for power, F&W for fish and wildlife, WQ for water quality, and S for sediment.

Capacities shown on RCA sheets may be computed using the official capacity table with volumes rounded as follows:

Capacity range -	Use values rounded to
acre-feet	nearest acre-feet
0-99	1
100-9.999	10
10,000-99,999	100
100,000-999,999	500
1,000,000 and over	4 significant figures

Under status of dam indicate planning, construction, or operational.

Under comments and references, list source material used in determining reservoir water surface elevations and capacities. Care should be taken to specifically identify sources for future reference purposes. Whenever possible, original sources should be used and references to summaries such as the Project Data Book should be avoided. Typical sources of information and data include capacity tables, construction drawings and specifications, final construction reports, legislation, flood control regulations, flood routing drawings, definite plan reports, etc. The nature and duration of special conditions or restrictions with regard to dam, appurtenant structures, or operations, which affect capacity allocations should be noted.