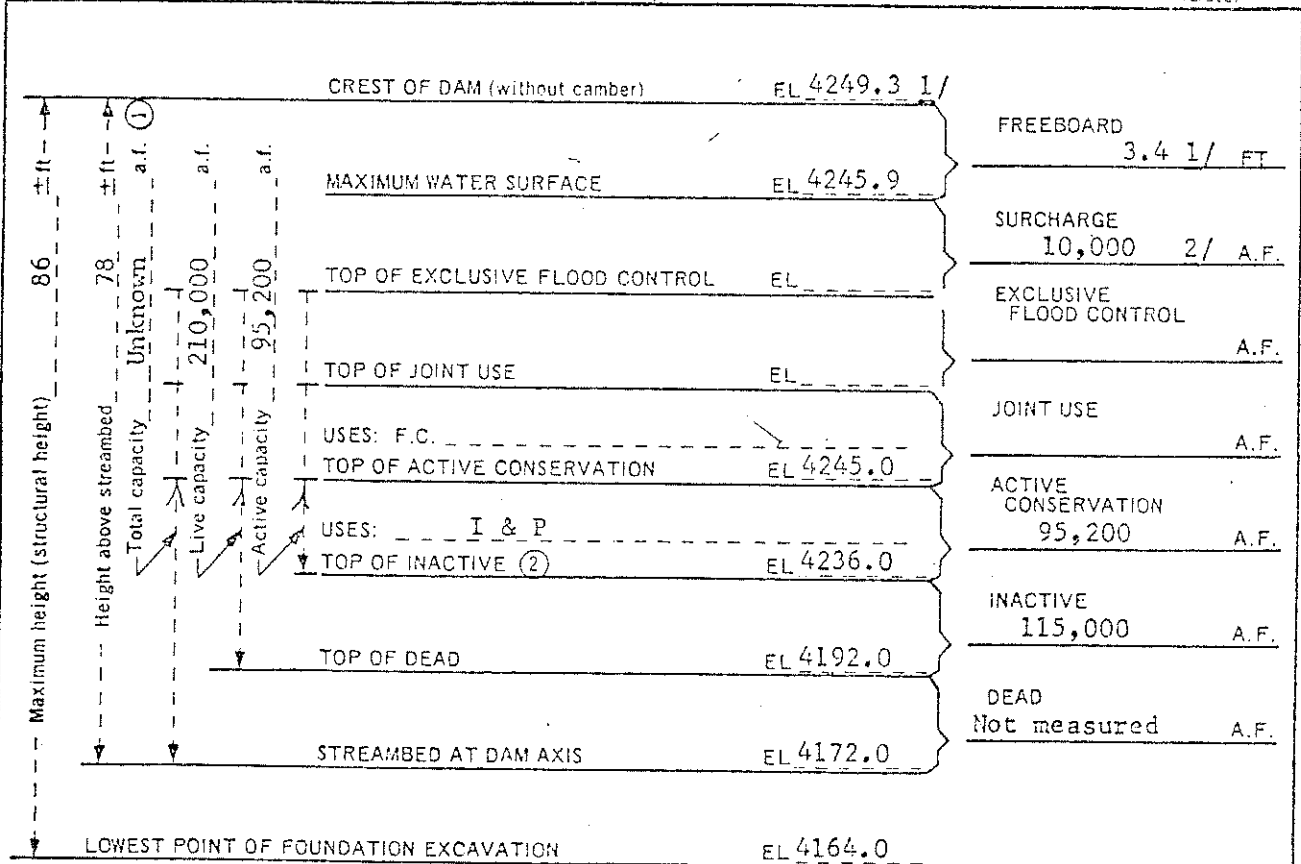


RESERVOIR CAPACITY ALLOCATIONS

IV-1

TYPE OF DAM	Earth/Conc.	Power & Spillway Sec.	REGION	PN	STATE	Idaho
OPERATED BY	Bureau of Reclamation		Lake Walcott		RESERVOIR	
CREST LENGTH	4,475 FT	CREST WIDTH	25	FT	Minidoka	DAM
VOLUME OF DAM	257,300			CU YD	Minidoka	PROJECT
CONSTRUCTION PERIOD	1904 - 1909					DIVISION
STREAM	Snake River					UNIT
RES AREA	11,050	ACRES AT EL	4245.0		Operational	STATUS OF DAM
ORIGINATED BY:	P.K.B.	D-430	5-7-73		APPROVED BY:	
	(Initials)	(Code)	(Date)		(Initials)	(Code) (Date)



- ① Includes _____ a.f. allowance for _____ year sediment deposition between streambed and El _____ of which _____ a.f. is above El _____.
- ② Established by _____

REFERENCES AND COMMENTS:

Drawing No. 17-C-13 (Layout, Sections and Power house) with capacity curve.

Area-Capacity tables, February 1920.

- 1/ Drawing No. 17-107-1527 (Profile of Axis on Dam and Dike Sections).
- 2/ Estimated.

Area and Capacity Table for Lake Walcott Reservoir
Computed by T. I. Phelps, February, 1920

Elevation	Storage in acre-feet										Area in acres	
	0	1	2	3	4	5	6	7	8	9		
4235.0	0	100	190	290	380	480	570	670	760	850		9300
35.1	950	1050	1140	1240	1330	1430	1530	1620	1720	1810		
36.2	1910	2000	2100	2190	2290	2380	2480	2570	2670	2770		
36.3	2860	2960	3050	3150	3240	3340	3430	3530	3620	3720		
36.4	3810	3910	4000	4100	4200	4290	4390	4480	4580	4670		
36.5	4770	4860	4960	5050	5150	5240	5340	5430	5530	5630		
36.6	5720	5820	5910	6010	6100	6200	6290	6390	6480	6580		
36.7	6670	6770	6870	6960	7060	7150	7250	7340	7440	7530		
36.8	7630	7720	7820	7910	8010	8100	8200	8300	8390	8490		
36.9	8580	8680	8770	8870	8960	9060	9150	9250	9340	9440		
37.0	9540	9630	9730	9830	9930	10030	10130	10230	10330	10430		9770
37.1	10530	10620	10720	10820	10920	11020	11120	11220	11320	11420		
37.2	11520	11620	11710	11810	11910	12010	12110	12210	12310	12410		
37.3	12510	12610	12700	12800	12900	13000	13100	13200	13300	13400		
37.4	13500	13600	13700	13790	13890	13990	14090	14190	14290	14390		
37.5	14490	14590	14690	14780	14880	14980	15080	15180	15280	15380		
37.6	15480	15580	15680	15780	15870	15970	16070	16170	16270	16370		
37.7	16470	16570	16670	16770	16860	16960	17060	17160	17260	17360		
37.8	17460	17560	17660	17760	17860	17950	18050	18150	18250	18350		
37.9	18450	18550	18650	18750	18850	18940	19040	19140	19240	19340		
4238.0	19440	19540	19640	19740	19850	19950	20050	20150	20250	20350		10040
38.1	20460	20560	20660	20760	20860	20960	21060	21170	21270	21370		
38.2	21470	21570	21670	21770	21880	21980	22080	22180	22280	22380		
38.3	22490	22590	22690	22790	22890	22990	23090	23200	23300	23400		
38.4	23500	23600	23700	23800	23910	24010	24110	24210	24310	24410		
38.5	24520	24620	24720	24820	24920	25020	25120	25230	25330	25430		
38.6	25530	25630	25730	25830	25940	26040	26140	26240	26340	26440		
38.7	26550	26650	26750	26850	26950	27050	27150	27260	27360	27460		
38.8	27560	27660	27760	27860	27970	28070	28170	28270	28370	28470		
38.9	28580	28680	28780	28880	28980	29080	29180	29290	29390	29490		
4239.0	29590	29690	29800	29900	30000	30110	30210	30320	30420	30520		10260

Area and capacity table for Lake Walcott reservoir (continued) #2

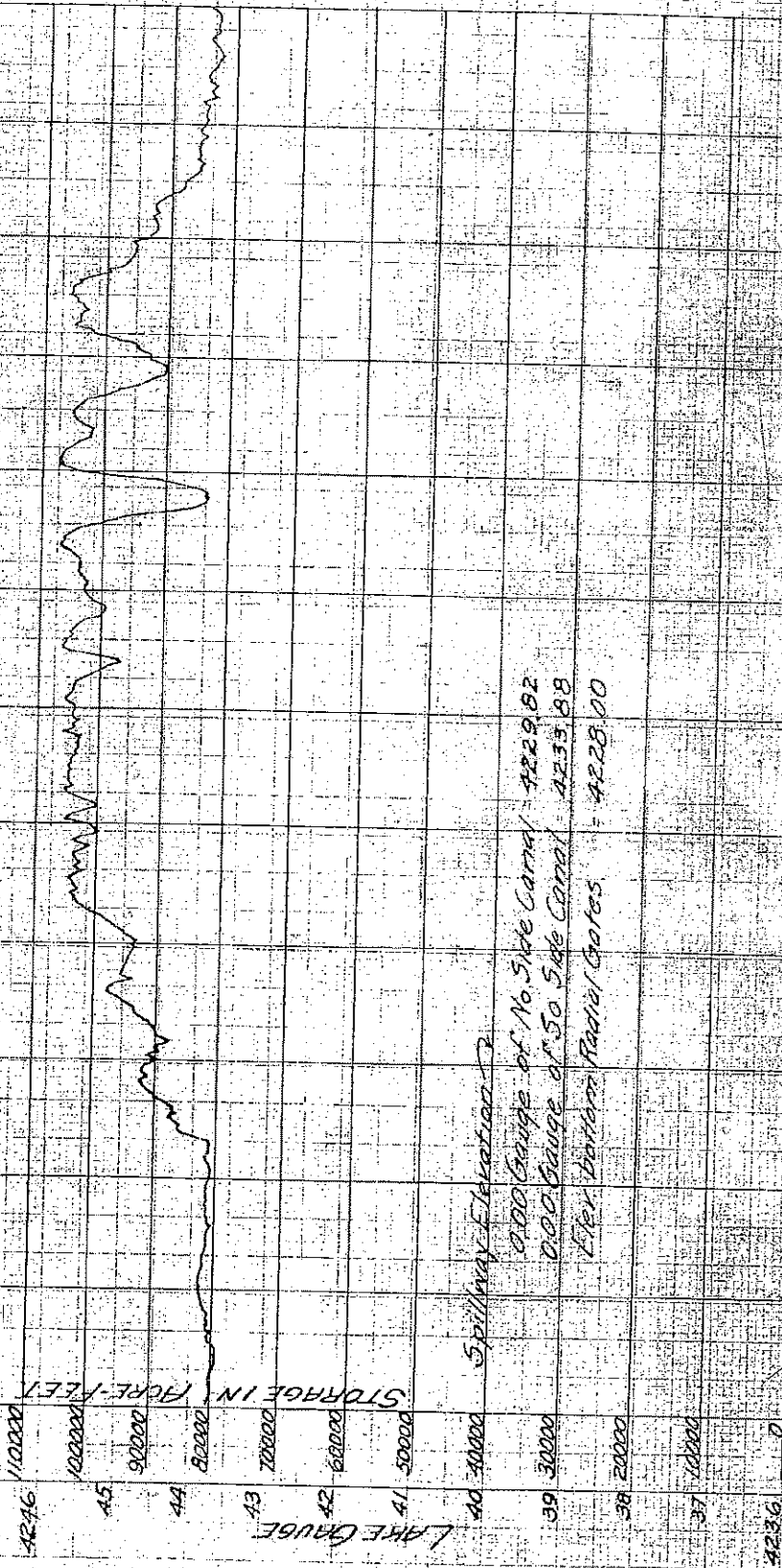
Elevation	Storage in acre-feet										Area in acres
	0	1	2	3	4	5	6	7	8	9	
4239.1	30650	30750	30830	30940	31040	31150	31250	31350	31460	31560	
39.2	31660	31770	31870	31980	32080	32180	32290	32390	32490	32600	
39.3	32700	32800	32910	33010	33120	33220	33320	33430	33530	33630	
39.4	33740	33840	33950	34050	34150	34260	34360	34460	34570	34670	
39.5	34780	34880	34980	35090	35190	35290	35400	35500	35600	35710	
39.6	35810	35920	36020	36120	36230	36330	36430	36540	36640	36750	
39.7	36850	36960	37060	37160	37260	37370	37470	37570	37680	37780	
39.8	37890	37990	38090	38200	38300	38400	38510	38610	38720	38820	
39.9	38920	39030	39150	39230	39340	39440	39550	39650	39760	39860	10480
4240.0	39950	40070	40170	40280	40380	40490	40590	40700	40800	40910	
40.1	41020	41120	41230	41330	41440	41540	41650	41760	41860	41970	
40.2	42070	42180	42280	42390	42500	42600	42710	42810	42920	43020	
40.3	43130	43240	43340	43450	43550	43660	43760	43870	43970	44080	
40.4	44190	44290	44400	44500	44610	44710	44820	44930	45030	45140	
40.5	45240	45350	45450	45560	45670	45770	45880	45980	46090	46190	
40.6	46300	46400	46510	46620	46720	46830	46930	47040	47140	47250	
40.7	47350	47460	47570	47670	47780	47880	47990	48100	48200	48310	
40.8	48410	48520	48620	48730	48830	48940	49050	49150	49260	49360	
40.9	49470	49570	49680	49790	49890	50000	50100	50210	50310	50420	10550
4241.0	50520	50630	50740	50850	50960	51060	51170	51280	51390	51490	
41.1	51600	51710	51820	51920	52030	52140	52250	52350	52460	52570	
41.2	52680	52780	52890	53000	53110	53210	53320	53430	53540	53640	
41.3	53750	53860	53970	54070	54180	54290	54400	54500	54610	54720	
41.4	54830	54930	55040	55150	55260	55360	55470	55580	55690	55790	
41.5	55900	56010	56120	56230	56330	56440	56550	56660	56760	56870	
41.6	56980	57090	57190	57300	57410	57520	57620	57730	57840	57950	
41.7	58050	58160	58270	58380	58480	58590	58700	58810	58910	59020	
41.8	59130	59240	59340	59450	59560	59670	59770	59880	59990	60100	
41.9	60200	60310	60420	60530	60630	60740	60850	60960	61060	61170	10860
4242.0	61280	61390	61500	61610	61720	61830	61940	62050	62160	62270	
42.1	62380	62490	62600	62710	62820	62930	63040	63150	63260	63370	
42.2	63480	63590	63700	63810	63920	64030	64140	64250	64360	64470	
42.3	64580	64690	64800	64900	65010	65120	65230	65340	65450	65560	
42.4	65670	65780	65890	66000	66110	66220	66330	66440	66550	66660	

Area and capacity table for Lake Malheur reservoir (continued) 83

Elevation	Storage in acre-feet										Area in square feet
	0	1	2	3	4	5	6	7	8	9	
44.5	66770	66830	66990	67100	67210	67320	67430	67540	67650	67760	11110
44.6	67870	67980	68090	68200	68310	68420	68530	68640	68750	68860	
44.7	68970	69080	69190	69300	69410	69520	69630	69740	69850	69960	
44.8	70070	70180	70290	70400	70510	70620	70730	70840	70950	71060	
44.9	71170	71280	71390	71500	71610	71720	71830	71940	72050	72160	
45.0	72260	72380	72490	72600	72720	72830	72940	73050	73170	73280	11440
45.1	73390	73500	73610	73730	73840	73960	74070	74180	74290	74410	
45.2	74520	74630	74740	74860	74970	75080	75190	75310	75420	75530	
45.3	75650	75760	75870	75980	76100	76210	76320	76440	76550	76660	
45.4	76770	76890	77000	77110	77230	77340	77450	77560	77680	77790	
45.5	77900	78020	78130	78240	78350	78470	78580	78690	78800	78920	11850
45.6	79030	79140	79260	79370	79480	79590	79710	79820	79930	80040	
45.7	80160	80270	80380	80490	80610	80720	80830	80950	81060	81170	
45.8	81280	81400	81510	81620	81740	81850	81960	82070	82190	82300	
45.9	82410	82520	82640	82750	82860	82980	83090	83200	83310	83430	
46.0	83540	83660	83770	83890	84010	84120	84240	84350	84470	84590	12250
46.1	84700	84820	84940	85050	85170	85290	85400	85520	85640	85750	
46.2	85870	85980	86100	86220	86330	86450	86570	86680	86800	86920	
46.3	87030	87150	87270	87380	87500	87620	87730	87850	87960	88080	
46.4	88200	88310	88430	88550	88660	88780	88900	89010	89130	89250	
46.5	89360	89480	89600	89710	89830	89940	90060	90180	90290	90410	12650
46.6	90530	90640	90760	90880	90990	91110	91230	91340	91460	91570	
46.7	91690	91810	91920	92040	92160	92270	92390	92510	92620	92740	
46.8	92860	92970	93090	93200	93320	93440	93550	93670	93790	93900	
46.9	94020	94140	94250	94370	94490	94600	94720	94840	94950	95070	
47.0	95180	95310	95430	95550	95670	95790	95910	96030	96150	96270	13050
47.1	96390	96510	96630	96750	96870	96990	97110	97230	97350	97470	
47.2	97590	97720	97840	97960	98080	98200	98320	98440	98560	98680	
47.3	98800	98920	99040	99160	99280	99400	99520	99640	99760	99880	
47.4	100010	100130	100250	100370	100490	100610	100730	100850	100970	101090	
47.5	101210	101330	101450	101570	101690	101810	101930	102050	102170	102290	13450
47.6	102410	102540	102660	102780	102900	103020	103140	103260	103380	103500	
47.7	103620	103740	103860	103980	104100	104220	104340	104460	104580	104700	
47.8	104820	104940	105070	105190	105310	105430	105550	105670	105790	105910	
47.9	106030	106150	106270	106390	106510	106630	106750	106870	106990	107110	

1920 Project History

MINIDOKA PROJECT - IDAHO
HYDROGRAPH
LAKE WALCOTT
1920



JAN FEB MCH APR MAY JUNE JULY AUG SEPT OCT NOV DEC
711 P. 7/20/20
A 154 Q 2/1/21