

Flathead Indian Irrigation Project		Reservoir Capacity Table - prepared by CITT	
version: October, 2023	Elev. reference: CSKT Local Datum (ft)	Storage: acre-feet	
Starting elev.: outlet sill elevation		Upper elev.: 1 ft above spillway stanchion	
Interim minimum pool level: 3,377.0 ft		Maximum normal WSEL: 3,407.0 ft	
Compact minimum pool level: 3,379.0 ft		SOD restriction level: 3,406.2 ft	
MISSION RESERVOIR			

Elev.	Storage	Elev.	Storage	Elev.	Storage	Elev.	Storage
3341.0	0.0	3345.0	0.7	3349.0	3.0	3353.0	7.2
.1	0.0	.1	0.8	.1	3.1	.1	7.3
.2	0.0	.2	0.8	.2	3.2	.2	7.5
.3	0.0	.3	0.8	.3	3.3	.3	7.6
.4	0.0	.4	0.9	.4	3.3	.4	7.7
.5	0.0	.5	0.9	.5	3.4	.5	7.9
.6	0.0	.6	1.0	.6	3.5	.6	8.0
.7	0.0	.7	1.0	.7	3.6	.7	8.2
.8	0.0	.8	1.0	.8	3.7	.8	8.3
.9	0.1	.9	1.1	.9	3.8	.9	8.5
3342.0	0.1	3346.0	1.1	3350.0	3.9	3354.0	8.6
.1	0.1	.1	1.2	.1	4.0	.1	8.8
.2	0.1	.2	1.2	.2	4.1	.2	8.9
.3	0.1	.3	1.3	.3	4.2	.3	9.1
.4	0.1	.4	1.3	.4	4.3	.4	9.3
.5	0.1	.5	1.4	.5	4.3	.5	9.4
.6	0.1	.6	1.4	.6	4.4	.6	9.6
.7	0.1	.7	1.5	.7	4.5	.7	9.8
.8	0.2	.8	1.5	.8	4.6	.8	9.9
.9	0.2	.9	1.6	.9	4.8	.9	10.1
3343.0	0.2	3347.0	1.6	3351.0	4.9	3355.0	10.3
.1	0.2	.1	1.7	.1	5.0	.1	10.5
.2	0.2	.2	1.8	.2	5.1	.2	10.6
.3	0.2	.3	1.8	.3	5.2	.3	10.8
.4	0.3	.4	1.9	.4	5.3	.4	11.0
.5	0.3	.5	1.9	.5	5.4	.5	11.2
.6	0.3	.6	2.0	.6	5.5	.6	11.4
.7	0.3	.7	2.1	.7	5.6	.7	11.6
.8	0.3	.8	2.1	.8	5.7	.8	11.8
.9	0.4	.9	2.2	.9	5.8	.9	12.0
3344.0	0.4	3348.0	2.3	3352.0	6.0	3356.0	12.2
.1	0.4	.1	2.3	.1	6.1	.1	12.4
.2	0.5	.2	2.4	.2	6.2	.2	12.6
.3	0.5	.3	2.5	.3	6.3	.3	12.9
.4	0.5	.4	2.6	.4	6.4	.4	13.1
.5	0.5	.5	2.6	.5	6.6	.5	13.3
.6	0.6	.6	2.7	.6	6.7	.6	13.6
.7	0.6	.7	2.8	.7	6.8	.7	13.8
.8	0.6	.8	2.9	.8	6.9	.8	14.1
.9	0.7	.9	2.9	.9	7.1	.9	14.4

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MISSION RESERVOIR			

Elev.	Storage	Elev.	Storage	Elev.	Storage	Elev.	Storage
3357.0	14.7	3361.0	108.0	3365.0	79.8	3369.0	148.5
.1	15.0	.1	109.0	.1	81.1	.1	151.1
.2	15.3	.2	111.0	.2	82.5	.2	153.7
.3	15.6	.3	112.0	.3	83.8	.3	156.4
.4	15.9	.4	113.0	.4	85.2	.4	159.2
.5	16.3	.5	115.0	.5	86.6	.5	162.0
.6	16.6	.6	116.0	.6	88.0	.6	165.0
.7	17.0	.7	117.0	.7	89.4	.7	168.0
.8	17.4	.8	118.0	.8	90.8	.8	171.1
.9	17.8	.9	120.0	.9	92.2	.9	174.3
3358.0	18.2	3362.0	121.0	3366.0	93.6	3370.0	177.6
.1	18.7	.1	123.0	.1	95.1	.1	181.0
.2	19.1	.2	124.0	.2	96.6	.2	184.5
.3	19.6	.3	126.0	.3	98.0	.3	188.1
.4	20.0	.4	127.0	.4	99.5	.4	191.8
.5	20.5	.5	129.0	.5	101.1	.5	195.6
.6	21.0	.6	131.0	.6	102.6	.6	199.6
.7	21.5	.7	132.0	.7	104.1	.7	203.6
.8	22.1	.8	134.0	.8	105.7	.8	207.8
.9	22.6	.9	135.0	.9	107.3	.9	212.1
3359.0	23.2	3363.0	137.0	3367.0	108.9	3371.0	216.6
.1	23.7	.1	139.0	.1	110.5	.1	221.3
.2	24.3	.2	140.0	.2	112.2	.2	226.2
.3	24.9	.3	142.0	.3	113.9	.3	231.1
.4	25.5	.4	143.0	.4	115.6	.4	236.2
.5	26.1	.5	145.0	.5	117.3	.5	241.6
.6	26.8	.6	147.0	.6	119.1	.6	247.2
.7	27.4	.7	148.0	.7	120.9	.7	253.0
.8	28.1	.8	150.0	.8	122.7	.8	258.9
.9	28.8	.9	151.0	.9	124.6	.9	264.8
3360.0	29.5	3364.0	153.0	3368.0	126.5	3372.0	271.0
.1	30.2	.1	155.0	.1	128.5	.1	277.5
.2	30.9	.2	157.0	.2	130.5	.2	284.0
.3	31.6	.3	159.0	.3	132.6	.3	290.6
.4	32.4	.4	161.0	.4	134.7	.4	297.4
.5	33.2	.5	163.0	.5	136.8	.5	304.3
.6	33.9	.6	164.0	.6	139.0	.6	311.4
.7	34.7	.7	166.0	.7	141.3	.7	318.6
.8	35.5	.8	168.0	.8	143.7	.8	326.0
.9	36.3	.9	170.0	.9	146.1	.9	333.4

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MISSION RESERVOIR			

Elev.	Storage	Elev.	Storage	Elev.	Storage	Elev.	Storage
3373.0	341.0	3377.0	730.4	3381.0	1279.2	3385.0	1968.1
.1	348.7	.1	742.2	.1	1294.8	.1	1986.9
.2	356.6	.2	754.0	.2	1310.5	.2	2005.8
.3	364.5	.3	765.9	.3	1326.3	.3	2024.8
.4	372.6	.4	777.8	.4	1342.1	.4	2043.8
.5	380.8	.5	789.9	.5	1358.0	.5	2062.9
.6	389.2	.6	802.2	.6	1374.1	.6	2082.1
.7	397.6	.7	814.6	.7	1390.3	.7	2101.3
.8	406.2	.8	827.0	.8	1406.5	.8	2120.6
.9	414.8	.9	839.4	.9	1422.7	.9	2140.0
3374.0	423.6	3378.0	852.1	3382.0	1439.2	3386.0	2159.4
.1	432.5	.1	865.0	.1	1455.7	.1	2179.0
.2	441.5	.2	877.9	.2	1472.4	.2	2198.6
.3	450.5	.3	891.0	.3	1489.0	.3	2218.3
.4	459.6	.4	904.1	.4	1505.7	.4	2238.0
.5	468.8	.5	917.4	.5	1522.6	.5	2257.8
.6	478.2	.6	930.9	.6	1539.5	.6	2277.8
.7	487.7	.7	944.4	.7	1556.5	.7	2297.7
.8	497.2	.8	958.0	.8	1573.5	.8	2317.8
.9	506.8	.9	971.6	.9	1590.6	.9	2337.9
3375.0	516.5	3379.0	985.4	3383.0	1607.8	3387.0	2358.0
.1	526.4	.1	999.4	.1	1625.1	.1	2378.3
.2	536.3	.2	1013.4	.2	1642.5	.2	2398.5
.3	546.3	.3	1027.4	.3	1659.9	.3	2418.9
.4	556.4	.4	1041.5	.4	1677.4	.4	2439.3
.5	566.6	.5	1055.7	.5	1695.1	.5	2459.7
.6	576.9	.6	1070.0	.6	1712.8	.6	2480.3
.7	587.3	.7	1084.5	.7	1730.6	.7	2501.0
.8	597.8	.8	1098.9	.8	1748.4	.8	2521.7
.9	608.3	.9	1113.4	.9	1766.3	.9	2542.4
3376.0	618.9	3380.0	1128.1	3384.0	1784.2	3388.0	2563.2
.1	629.7	.1	1142.9	.1	1802.3	.1	2584.1
.2	640.6	.2	1157.7	.2	1820.5	.2	2605.0
.3	651.5	.3	1172.6	.3	1838.6	.3	2626.0
.4	662.4	.4	1187.5	.4	1856.9	.4	2647.0
.5	673.5	.5	1202.6	.5	1875.2	.5	2668.1
.6	684.7	.6	1217.8	.6	1893.7	.6	2689.3
.7	696.0	.7	1233.0	.7	1912.2	.7	2710.5
.8	707.4	.8	1248.3	.8	1930.7	.8	2731.8
.9	718.8	.9	1263.7	.9	1949.3	.9	2753.0

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MISSION RESERVOIR			

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3389.0	2774.4	3393.0	3666.5	3397.0	4627.0	3401.0	5652.6
.1	2795.8	.1	3689.7	.1	4651.8	.1	5679.1
.2	2817.2	.2	3713.0	.2	4676.7	.2	5705.6
.3	2838.7	.3	3736.3	.3	4701.7	.3	5732.1
.4	2860.2	.4	3759.6	.4	4726.6	.4	5758.6
.5	2881.8	.5	3782.9	.5	4751.6	.5	5785.2
.6	2903.5	.6	3806.3	.6	4776.7	.6	5811.8
.7	2925.1	.7	3829.8	.7	4801.8	.7	5838.5
.8	2946.8	.8	3853.2	.8	4826.9	.8	5865.2
.9	2968.6	.9	3876.7	.9	4852.1	.9	5891.9
3390.0	2990.4	3394.0	3900.3	3398.0	4877.3	3402.0	5918.6
.1	3012.3	.1	3924.0	.1	4902.6	.1	5945.4
.2	3034.2	.2	3947.6	.2	4927.9	.2	5972.2
.3	3056.1	.3	3971.4	.3	4953.2	.3	5999.1
.4	3078.1	.4	3995.1	.4	4978.6	.4	6026.0
.5	3100.1	.5	4018.9	.5	5004.0	.5	6052.9
.6	3122.3	.6	4042.8	.6	5029.5	.6	6079.9
.7	3144.5	.7	4066.7	.7	5055.0	.7	6106.9
.8	3166.7	.8	4090.6	.8	5080.6	.8	6133.9
.9	3189.0	.9	4114.5	.9	5106.2	.9	6160.9
3391.0	3211.3	3395.0	4138.5	3399.0	5131.8	3403.0	6188.0
.1	3233.7	.1	4162.6	.1	5157.5	.1	6215.2
.2	3256.1	.2	4186.7	.2	5183.2	.2	6242.3
.3	3278.5	.3	4210.8	.3	5209.0	.3	6269.5
.4	3301.0	.4	4234.9	.4	5234.8	.4	6296.7
.5	3323.5	.5	4259.1	.5	5260.6	.5	6324.0
.6	3346.1	.6	4283.4	.6	5286.5	.6	6351.3
.7	3368.7	.7	4307.6	.7	5312.4	.7	6378.6
.8	3391.4	.8	4332.0	.8	5338.3	.8	6406.0
.9	3414.1	.9	4356.3	.9	5364.3	.9	6433.4
3392.0	3436.8	3396.0	4380.7	3400.0	5390.3	3404.0	6460.8
.1	3459.6	.1	4405.2	.1	5416.4	.1	6488.3
.2	3482.4	.2	4429.6	.2	5442.5	.2	6515.8
.3	3505.3	.3	4454.2	.3	5468.6	.3	6543.3
.4	3528.2	.4	4478.7	.4	5494.8	.4	6570.8
.5	3551.1	.5	4503.3	.5	5521.0	.5	6598.4
.6	3574.1	.6	4528.0	.6	5547.3	.6	6626.1
.7	3597.2	.7	4552.7	.7	5573.6	.7	6653.7
.8	3620.3	.8	4577.4	.8	5599.9	.8	6681.4
.9	3643.4	.9	4602.2	.9	5626.2	.9	6709.1

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MISSION RESERVOIR			

Elev.	Storage	Elev.	Storage
3405.0	6736.9	3409.0	7872.1
.1	6764.7	.1	7901.1
.2	6792.5	.2	7930.1
.3	6820.3	.3	7959.1
.4	6848.2	.4	7988.2
.5	6876.1	.5	8017.3
.6	6904.0	.6	8046.4
.7	6932.0	.7	8075.6
.8	6960.0	.8	8104.7
.9	6988.0	.9	8133.9
3406.0	7016.1	3410.0	8163.2
.1	7044.2	.1	8192.4
.2	7072.3	.2	8221.7
.3	7100.5	.3	8251.0
.4	7128.7	.4	8280.3
.5	7156.9	.5	8309.7
.6	7185.1	.6	8339.0
.7	7213.4	.7	8368.5
.8	7241.7	.8	8397.9
.9	7270.1	.9	8427.3
3407.0	7298.4	3411.0	8456.8
.1	7326.9	.1	8486.4
.2	7355.3	.2	8515.9
.3	7383.8		
.4	7412.3		
.5	7440.8		
.6	7469.3		
.7	7497.9		
.8	7526.5		
.9	7555.2		
3408.0	7583.8		
.1	7612.5		
.2	7641.3		
.3	7670.0		
.4	7698.8		
.5	7727.6		
.6	7756.4		
.7	7785.3		
.8	7814.2		
.9	7843.1		

RESERVOIR CAPACITY CURVE: MISSION RESERVOIR

prepared by CITT

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