

RESERVOIR SEDIMENTATION  
DATA SUMMARY

BRAND DEERIS BASIN

70-39

NAME OF RESERVOIR

DATA SHEET NO.

DAM	1. OWNER <b>LACFCD</b>			2. RIVER <b>Brand</b>			3. STATE <b>Calif.</b>									
	4. SEC. <b>TWP.</b> RANGE			5. NEAREST TOWN <b>LaCanada</b>			6. COUNTY <b>Los Angeles</b>									
	7. STREAM BED ELEV. <b>858.0</b>			8. TOP OF DAM ELEV. <b>882.0</b>			9. SPILLWAY CREST ELEV. <b>870.0</b>									
RESERVOIR	10. STORAGE ALLOCATION		11. ELEVATION TOP OF POOL		12. SURFACE AREA ACRES		13. STORAGE ACRE-FEET		14. ACCUMULATED ACRE-FEET		15. DATE STORAGE BEGAN					
	a. FLOOD CONTROL															
	b. POWER															
	c. WATER SUPPLY															
	d. IRRIGATION										16. DATE NORMAL OPER. BEGAN					
	e. CONSERVATION															
	f. INACTIVE										<b>Nov. 1935</b>					
WATERSHED	17. LENGTH OF RESERVOIR <b>.11</b> MILES				AV. WIDTH OF RESERVOIR <b>.8</b> MILES											
	18. TOTAL DRAINAGE AREA <b>1.03</b> SQ. MI.				22. MEAN ANNUAL PRECIPITATION <b>19.1</b> INCHES											
	19. NET SEDIMENT CONTRIBUTING AREA <b>1.03</b> SQ. MI.				23. MEAN ANNUAL RUNOFF INCHES											
	20. LENGTH <b>1.46</b> MILES		AV. WIDTH <b>.71</b> MILES		24. MEAN ANNUAL RUNOFF AC.-FT.											
	21. MAX. ELEV. <b>2950</b>		MIN. ELEV. <b>858</b>		25. CLIMATIC CLASSIFICATION <b>Semi-arid</b>											
SURVEY DATA	26. DATE OF SURVEY		27. PERIOD YEARS		28. ACCL. YEARS		29. TYPE OF SURVEY		30. NO. OF RANGES OR CONTOUR INT.		31. SURFACE AREA ACRES		32. CAPACITY ACRE-FEET		33. C/W RATIO AC.-FT. PER SQ. MI.	
	Sept. 1940		5		5											
	" 1941		1		6											
	" 1942		1		7											
	" 1943		1		8											
	" 1944		1		9											
	" 1945		1		10											
	" 1946		1		11											
	Sept. 1947		1		12		Sept. 1947		1		12					
	" 1948		1		13		" 1948		1		13					
	" 1949		1		14		" 1949		1		14					
	" 1950		1		15		" 1950		1		15					
	26. DATE OF SURVEY		34. PERIOD ANNUAL PRECIPITATION		35. PERIOD WATER INFLOW ACRE-FEET				36. WATER INFL. TO DATE AC.-FT.							
					a. MEAN ANNUAL		b. MAX. ANNUAL		c. PERIOD TOTAL		a. MEAN ANNUAL		b. TOTAL TO DATE			
	Sept. 1940		20.9		26. DATE OF SURVEY		34. PERIOD ANNUAL PRECIPITATION		No record of inflow.							
" 1941		42.2		Sept. 1947		17.3										
" 1942		11.3		" 1948		8.6										
" 1943		26.8		" 1949		9.3										
" 1944		22.6		" 1950		10.2										
" 1945		16.3														
" 1946		11.4														
26. DATE OF SURVEY		37. PERIOD SEDIMENT DEPOSITS ACRE-FEET 2/				38. TOTAL SED. DEPOSITS TO DATE ACRE-FEET										
		a. PERIOD TOTAL		b. AV. ANNUAL		c. PER SQ. MI.-YR.		a. TOTAL TO DATE		b. AV. ANNUAL		c. PER SQ. MI.-YR.				
Sept. 1940		2.99		.60		2.90		2.99		.60		.58				
" 1941		.65		.65		.63		3.64		.61		.59				
" 1942		0		0		0		3.64		.52		.50				
" 1943		1.92		1.92		1.86		5.56		.70		.68				
" 1944		.20		.20		.19		5.76		.64		.62				
" 1945		0		0		0		5.76		.58		.56				
" 1946		0		0		0		5.76		.52		.50				
Sept. 1947		.09		.09		.09		5.85		.49		.48				
" 1948		0		0		0		5.85		.45		.44				
" 1949		0		0		0		5.85		.42		.41				
" 1950		0		0		0		5.35		.39		.38				
26. DATE OF SURVEY		39. AV. DRY WGT. LBS. PER CU. FT.		40. SED. DEP. TONS PER SQ. MI.-YR.				41. STORAGE LOSS PCT.		42. SED. INFLOW PPM						
				a. PERIOD		b. TOTAL TO DATE		a. AV. ANNUAL		b. TO DATE		a. PERIOD		b. TO DATE		

26. DATE OF SURVEY	43. DEPTH DESIGNATION RANGE IN FEET ABOVE, AND BELOW, CREST ELEVATION													
PERCENT OF TOTAL SEDIMENT LOCATED WITHIN DEPTH DESIGNATION														

26. DATE OF SURVEY	44. REACH DESIGNATION PERCENT OF TOTAL ORIGINAL LENGTH OF RESERVOIR													
	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	-105	-110	-115	-120
PERCENT OF TOTAL SEDIMENT LOCATED WITHIN REACH DESIGNATION														

45. RANGE IN RESERVOIR OPERATION							
WATER YEAR	MAX. ELEV.	MIN. ELEV.	INFLOW AC-FT.	WATER YEAR	MAX. ELEV.	MIN. ELEV.	INFLOW AC-FT.

46. ELEVATION-AREA-CAPACITY DATA								
ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY

47. REMARKS AND REFERENCES

1/ Item 32. Capacity of debris basin varies. Debris excavated at various times.

2/ Item 37. Sedimentation values computed by LACFCD are based on complete water year.

RESERVOIR SEDIMENT  
DATA SUMMARY

DEPARTMENT OF THE ARMY  
CORPS OF ENGINEERS

**BRAND DEBRIS BASIN**  
NAME OF RESERVOIR

70-39b

DATA SHEET NO.

DAM	1. OWNER <b>LACFCD</b>			2. STREAM <b>Brand Canyon Channel</b>		STATE <b>California</b>									
	4. SEC. <b>Land</b> TWP. <b>Grant</b> RANGE			5. NEAREST P.O. <b>La Canada</b>		6. COUNTY <b>Los Angeles</b>									
	7. LAT <b>34° 11' 15"</b> LONG <b>118° 16' 40"</b>			8. TOP OF DAM ELEVATION <b>882.0</b>		9. SPILLWAY CREST ELEV. <b>870.0</b>									
RESERVOIR	10. STORAGE ALLOCATION		11. ELEVATION TOP OF POOL		12. ORIGINAL SURFACE AREA, ACRES		13. ORIGINAL CAPACITY, ACRE-FEET		14. GROSS STORAGE, ACRE-FEET		15. DATE STORAGE BEGAN				
	a. FLOOD CONTROL														
	b. MULTIPLE USE														
	c. POWER														
	d. WATER SUPPLY										16. DATE NORMAL OPER. BEGAN				
	e. IRRIGATION										<b>1 Nov 1935</b>				
	f. CONSERVATION														
	g. INACTIVE														
17. LENGTH OF RESERVOIR <b>.11</b> MILES				AV. WIDTH OF RESERVOIR <b>.03</b> MILES											
WATERSHED	18. TOTAL DRAINAGE AREA <b>1.03</b> SQ. MI.				22. MEAN ANNUAL PRECIPITATION <b>19.1</b> INCHES										
	19. NET SEDIMENT CONTRIBUTING AREA <b>1.03</b> SQ. MI.				23. MEAN ANNUAL RUNOFF INCHES										
	20. LENGTH <b>1.46</b> MILES		AV. WIDTH <b>.71</b> MILES		24. MEAN ANNUAL RUNOFF AC.-FT.										
	21. MAX. ELEV. <b>2,950</b>		MIN. ELEV. <b>870.0</b>		25. ANNUAL TEMP MEAN <b>62.2°</b> RANGE <b>48.8°-75.6°</b>										
	26. DATE OF SURVEY		27. PERIOD YEARS		28. ACCL. YEARS		29. TYPE OF SURVEY		30. NO. OF RANGES OR CONTOUR INT.		31. SURFACE AREA, ACRES		32. CAPACITY, ACRE-FEET		33. C/I. RATIO, AC.-FT. PER AC.-FT.
Sep 1940		5		5											
Sep 1941		1		6											
Sep 1942		1		7											
Sep 1943		1		8											
Sep 1944		1		9											
Sep 1945		1		10											
Sep 1946		1		11											
26. DATE OF SURVEY		34. PERIOD ANNUAL PRECIPITATION		35. PERIOD WATER INFLOW, ACRE-FEET				36. WATER INFL. TO DATE, AC.-FT.							
				a. MEAN ANNUAL		b. MAX. ANNUAL		c. PERIOD TOTAL		a. MEAN ANNUAL		b. TOTAL TO DATE			
Sep 1940		20.9		<b>No record of inflow</b>											
Sep 1941		42.2													
Sep 1942		14.3													
Sep 1943		26.8													
Sep 1944		22.6													
Sep 1945		16.3													
Sep 1946		14.4													
26. DATE OF SURVEY		37. PERIOD CAPACITY LOSS, ACRE-FEET/3						38. TOTAL SED. DEPOSITS TO DATE, ACRE-FEET							
		a. PERIOD TOTAL		b. AV. ANNUAL		c. PER SQ. MI.-YEAR		a. TOTAL TO DATE		b. AV. ANNUAL		c. PER SQ. MI.-YEAR			
Sep 1940		2.99		.60		.58		2.99		.60		.58			
Sep 1941		.65		.65		.63		3.64		.61		.59			
Sep 1942		0		0		0		3.64		.52		.50			
Sep 1943		1.92		1.92		1.86		5.56		.70		.68			
Sep 1944		.20		.20		.19		5.76		.64		.62			
Sep 1945		0		0		0		5.76		.58		.56			
Sep 1946		0		0		0		5.76		.52		.50			
26. DATE OF SURVEY		39. AV. DRY WGT., LBS. PER CU. FT.		40. SED. DEP., TONS PER SQ. MI.-YR.		41. STORAGE LOSS, PCT.		42. SED. INFLOW, PPM							
				a. PERIOD		b. TOTAL TO DATE		a. AV. ANN.		b. TOT. TO DATE		a. PERIOD		b. TOT. TO DATE	

26. DATE OF SURVEY	43. DEPTH DESIGNATION RANGE IN FEET BELOW, AND ABOVE, CREST ELEVATION													
	PERCENT OF TOTAL SEDIMENT LOCATED WITHIN DEPTH DESIGNATION													
26. DATE OF SURVEY	44. REACH DESIGNATION PERCENT OF TOTAL ORIGINAL LENGTH OF RESERVOIR													
	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	-105	-110	-115	-120
	PERCENT OF TOTAL SEDIMENT LOCATED WITHIN REACH DESIGNATION													
45. RANGE IN RESERVOIR OPERATION														
WATER YEAR	MAX. ELEV.	MIN. ELEV.	INFLOW, AC.-FT.	WATER YEAR	MAX. ELEV.	MIN. ELEV.	INFLOW, AC.-FT.							
46. ELEVATION-AREA-CAPACITY DATA														
ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY						
47. REMARKS AND REFERENCES														
1/ Item 25 - Temperature taken at Pasadena, California. 2/ Item 32 - Capacity of debris basin varies. Debris excavated at various times. 3/ Item 37 - Sedimentation values computed by LACFCD are based on complete water year.														
48. AGENCY MAKING SURVEY				LACFCD										
49. AGENCY SUPPLYING DATA				C of E										
50. DATE						March 1951								

RESERVOIR SEDIMENT  
DATA SUMMARY

BRAND DEBRIS BASIN

DEPARTMENT OF THE ARMY  
CORPS OF ENGINEERS

NAME OF RESERVOIR

70-39c

DATA SHEET NO.

DAM	1. OWNER LACFCD			2. STREAM Brand Canyon Channel			3. STATE California								
	4. SEC. Land TWP. Grant RANGE			5. NEAREST P.O. La Canada			6. COUNTY Los Angeles								
	7. LAT 34° 11' 15" LONG 118° 16' 40"			8. TOP OF DAM ELEVATION 882.0			9. SPILLWAY CREST ELEV. 870.0								
RESERVOIR	10. STORAGE ALLOCATION		11. ELEVATION TOP OF POOL		12. ORIGINAL SURFACE AREA, ACRES		13. ORIGINAL CAPACITY, ACRE-Feet		14. GROSS STORAGE, ACRE-Feet		15. DATE STORAGE BEGAN				
	a. FLOOD CONTROL														
	b. MULTIPLE USE														
	c. POWER														
	d. WATER SUPPLY										16. DATE NORMAL OPER. BEGAN				
	e. IRRIGATION										1 Nov 35				
	f. CONSERVATION														
g. INACTIVE															
17. LENGTH OF RESERVOIR .11 MILES			AV. WIDTH OF RESERVOIR .03 MILES												
WATERSHED	18. TOTAL DRAINAGE AREA 1.03 SQ. MI.			22. MEAN ANNUAL PRECIPITATION 19.1 INCHES											
	19. NET SEDIMENT CONTRIBUTING AREA 1.03 SQ. MI.			23. MEAN ANNUAL RUNOFF INCHES											
	20. LENGTH 1.46 MILES		AV. WIDTH .71 MILES		24. MEAN ANNUAL RUNOFF AC.-FT.										
	21. MAX. ELEV. 2,950		MIN. ELEV. 858		25. ANNUAL TEMP. MEAN 62° RANGE 48.8°-75.6°										
SURVEY DATA	26. DATE OF SURVEY		27. PERIOD YEARS	28. ACCL. YEARS	29. TYPE OF SURVEY		30. NO. OF RANGES OR CONTOUR INT.		31. SURFACE AREA, ACRES		32. CAPACITY, 2/ ACRE-Feet		33. C/I. RATIO, AC.-FT. PER AC.-FT.		
	Sep 1947		1	12											
	Sep 1948		1	13											
	Sep 1949		1	14											
	Sep 1950		1	15											
	Sep 1952		2	17											
	Sep 1964		12	29											
	26. DATE OF SURVEY		34. PERIOD ANNUAL PRECIPITATION		35. PERIOD WATER INFLOW, ACRE-Feet				36. WATER INFL. TO DATE, AC.-FT.						
					a. MEAN ANNUAL		b. MAX. ANNUAL		c. PERIOD TOTAL		a. MEAN ANNUAL		b. TOTAL TO DATE		
	Sep 1947		17.3		No record of inflow										
Sep 1948		8.6													
Sep 1949		9.3													
Sep 1950		10.2													
Sep 1952		21.85													
Sep 1964		13.93													
26. DATE OF SURVEY		37. 3/ PERIOD CAPACITY LOSS, ACRE-Feet			38. TOTAL SED. DEPOSITS TO DATE, ACRE-Feet										
		a. PERIOD TOTAL	b. AV. ANNUAL	c. PER SQ. MI.-YEAR	a. TOTAL TO DATE	b. AV. ANNUAL	c. PER SQ. MI.-YEAR								
Sep 1947		.09	.09	.09	5.85	.49	.48								
Sep 1948		0	0	0	5.85	.45	.44								
Sep 1949		0	0	0	5.85	.42	.41								
Sep 1950		0	0	0	5.85	.39	.38								
Sep 1952		3.29	1.64	1.59	9.14	.54	.52								
Sep 1964		14.54	1.21	1.17	23.68	.82	.80								
26. DATE OF SURVEY		39. AV. DRY WGT., LBS. PER CU. FT.		40. SED. DEP., TONS PER SQ. MI.-YR.		41. STORAGE LOSS, PCT.		42. SED. INFLOW, PPM							
				a. PERIOD		b. TOTAL TO DATE		a. AV. ANN.		b. TOT. TO DATE		a. PERIOD		b. TOT. TO DATE	

26. DATE OF SURVEY	43. DEPTH DESIGNATION RANGE IN FEET BELOW, AND ABOVE, CREST ELEVATION												
	PERCENT OF TOTAL SEDIMENT LOCATED WITHIN DEPTH DESIGNATION												

26. DATE OF SURVEY	44. REACH DESIGNATION PERCENT OF TOTAL ORIGINAL LENGTH OF RESERVOIR														
	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	-105	-110	-115	-120	-125
	PERCENT OF TOTAL SEDIMENT LOCATED WITHIN REACH DESIGNATION														

45. RANGE IN RESERVOIR OPERATION							
WATER YEAR	MAX. ELEV.	MIN. ELEV.	INFLOW, AC-FT.	WATER YEAR	MAX. ELEV.	MIN. ELEV.	INFLOW, AC-FT.

46. ELEVATION-AREA-CAPACITY DATA								
ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY

47. REMARKS AND REFERENCES

1/ Item 25 - Temperature taken at Pasadena, California.

2/ Item 32 - Capacity of debris basin varies. Debris excavated at various times.

3/ Item 37 - Sedimentation values computed by LACFCD are based on complete water.

RESERVOIR SEDIMENT  
DATA SUMMARY

DEPARTMENT OF THE ARMY  
CORPS OF ENGINEERS

Brand Debris Basin

NAME OF RESERVOIR

70-39c

DATA SHEET NO.

DAM	1. OWNER <b>LACFCD</b>			2. STREAM <b>Brand Canyon</b>			3. STATE <b>California</b>					
	4. SEC. <b>Land TWP. Grant</b> RANGE			5. NEAREST P.O. <b>LA Canada</b>			6. COUNTY <b>Los Angeles</b>					
	7. LAT. <b>34° 11' 04"</b> LONG. <b>118° 16' 30"</b>			8. TOP OF DAM ELEVATION <b>882.0</b>			9. SPILLWAY CREST ELEV. <b>870.0</b>					
RESERVOIR	10. STORAGE ALLOCATION		11. ELEVATION TOP OF POOL		12. ORIGINAL SURFACE AREA, ACRES		13. ORIGINAL CAPACITY, ACRE-FEET		14. GROSS STORAGE, ACRE-FEET		15. DATE STORAGE BEGAN	
	a. FLOOD CONTROL											
	b. MULTIPLE USE											
	c. POWER											
	d. WATER SUPPLY										16. DATE NORMAL OPER. BEGAN	
	e. IRRIGATION										Nov. '35	
	f. CONSERVATION											
	g. INACTIVE											
WATERSHED	17. LENGTH OF RESERVOIR <b>0.11</b> MILES				AV. WIDTH OF RESERVOIR <b>0.03</b> MILES							
	18. TOTAL DRAINAGE AREA <b>1.03</b> SQ. MI.				22. MEAN ANNUAL PRECIPITATION <b>19.1</b> INCHES							
	19. NET SEDIMENT CONTRIBUTING AREA <b>1.03</b> SQ. MI.				23. MEAN ANNUAL RUNOFF INCHES							
	20. LENGTH <b>1.46</b> MILES		AV. WIDTH <b>0.71</b> MILES		24. MEAN ANNUAL RUNOFF AC.-FT.							
	21. MAX. ELEV. <b>2,950</b>		MIN. ELEV. <b>858.0</b>		25. ANNUAL TEMP. MEAN <b>62.2</b> RANGE <b>48.8°-75.6°</b>							
SURVEY DATA	26. DATE OF SURVEY		27. PERIOD YEARS	28. ACCL. YEARS	29. TYPE OF SURVEY	30. NO. OF RANGES OR CONTOUR INT.	31. SURFACE AREA, ACRES	32. CAPACITY, ACRE-FEET		33. C/I. RATIO, AC.-FT. PER AC.-FT.		
	Sep 65 Sep 70		1 5	30 35				2				
	26. DATE OF SURVEY		34. PERIOD ANNUAL PRECIPITATION		35. PERIOD WATER INFLOW, ACRE-FEET			36. WATER INFL. TO DATE, AC.-FT.				
	Sep 65 Sep 70		15.31 22.06		No record of Inflow							
	26. DATE OF SURVEY		37. 3 / PERIOD CAPACITY LOSS, ACRE-FEET		38. TOTAL SED. DEPOSITS TO DATE, ACRE-FEET							
	Sep 65 Sep 70		28.7 14.8		a. PERIOD TOTAL	b. AV. ANNUAL	c. PER SQ. MI.-YEAR	a. TOTAL TO DATE	b. AV. ANNUAL	c. PER SQ. MI.-YEAR		
					28.7 2.96	27.86 2.87	52.4 67.2	1.75 1.92	1.70 1.86			
	26. DATE OF SURVEY		39. AV. DRY WGT., LBS. PER CU. FT.		40. SED. DEP., TONS PER SQ. MI.-YR.		41. STORAGE LOSS, PCT.		42. SED. INFLOW, RPM			
					a. PERIOD	b. TOTAL TO DATE	a. AV. ANN.	b. TOT. TO DATE	a. PERIOD	b. TOT. TO DATE		

26. DATE OF SURVEY	43. DEPTH DESIGNATION RANGE IN FEET BELOW, AND ABOVE, CREST ELEVATION											
	PERCENT OF TOTAL SEDIMENT LOCATED WITHIN DEPTH DESIGNATION											

26. DATE OF SURVEY	44. REACH DESIGNATION PERCENT OF TOTAL ORIGINAL LENGTH OF RESERVOIR														
	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	-105	-110	-115	-120	-125
	PERCENT OF TOTAL SEDIMENT LOCATED WITHIN REACH DESIGNATION														

45. RANGE IN RESERVOIR OPERATION							
WATER YEAR	MAX. ELEV.	MIN. ELEV.	INFLOW, AC.-FT.	WATER YEAR	MAX. ELEV.	MIN. ELEV.	INFLOW, AC.-FT.

46. ELEVATION-AREA-CAPACITY DATA								
ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY

47. REMARKS AND REFERENCES

1/ Item 25 - Temperature taken at Pasadena, California

2/ Item 32 - Capacity of debris basin varies. Debris excavated at various times.

3/ Item 37 - Sedimentation values computed by LACFCD are based on complete water year.



RESERVOIR SEDIMENT  
DATA SUMMARY

DEPARTMENT OF THE ARMY  
CORPS OF ENGINEERS

BRAND DEBRIS BASIN  
NAME OF RESERVOIR

70-39c  
DATA SHEET NO.

DAM	1. OWNER LACFCD			2. STREAM BRAND CANYON			3. STATE CALIFORNIA									
	4. SEC. LAND TWP. GRANT RANGE			5. NEAREST P.O. La Canada			6. COUNTY Los Angeles									
	7. LAT. 34° 11' 04" LONG. 118° 16' 30"			8. TOP OF DAM ELEVATION 882.0			9. SPILLWAY CREST ELEV. 870.0									
RESERVOIR	10. STORAGE ALLOCATION		11. ELEVATION TOP OF POOL		12. ORIGINAL SURFACE AREA, ACRES		13. ORIGINAL CAPACITY, ACRE-FEET		14. GROSS STORAGE, ACRE-FEET		15. DATE STORAGE BEGAN					
	a. FLOOD CONTROL															
	b. MULTIPLE USE															
	c. POWER															
	d. WATER SUPPLY										16. DATE NORMAL OPER. BEGAN					
	e. IRRIGATION										Nov 35					
	f. CONSERVATION															
g. INACTIVE																
WATERSHED	17. LENGTH OF RESERVOIR 0.11 MILES			AV. WIDTH OF RESERVOIR 0.03 MILES												
	18. TOTAL DRAINAGE AREA 1.03 SQ. MI.			22. MEAN ANNUAL PRECIPITATION 19.1 INCHES												
	19. NET SEDIMENT CONTRIBUTING AREA 1.03 SQ. MI.			23. MEAN ANNUAL RUNOFF INCHES												
	20. LENGTH 1.46 MILES		AV. WIDTH 0.71 MILES		24. MEAN ANNUAL RUNOFF AC.-FT.											
	21. MAX. ELEV. 2,950		MIN. ELEV. 858.0		25. 1/ ANNUAL TEMP MEAN 62.6° RANGE 48.8°-75.6°											
SURVEY DATA	26. DATE OF SURVEY		27. PERIOD YEARS		28. ACCL. YEARS		29. TYPE OF SURVEY		30. NO. OF RANGES OR CONTOUR INT. 2/		31. SURFACE AREA, ACRES		32. CAPACITY, ACRE-FEET		33. C/I. RATIO, AC.-FT. PER AC.-FT.	
	Sep 65		1		30											
	Sep 70		5		35											
	Sep 77		7		42											
	26. DATE OF SURVEY		34. PERIOD ANNUAL PRECIPITATION		35. PERIOD WATER INFLOW, ACRE-FEET				36. WATER INFL. TO DATE, AC.-FT.							
					a. MEAN ANNUAL		b. MAX. ANNUAL		c. PERIOD TOTAL		a. MEAN ANNUAL		b. TOTAL TO DATE			
	Sep 65		15.31		No record of inflow											
	Sep 70		22.06													
	Sep 77		17.49													
	26. DATE OF SURVEY		37. 3/ PERIOD CAPACITY LOSS, ACRE-FEET				38. TOTAL SED. DEPOSITS TO DATE, ACRE-FEET									
		a. PERIOD TOTAL		b. AV. ANNUAL		c. PER SQ. MI.-YEAR		a. TOTAL TO DATE		b. AV. ANNUAL		c. PER SQ. MI.-YEAR				
Sep 65		28.7		28.7		27.86		52.4		1.75		1.70				
Sep 70		14.8		2.96		2.87		67.2		1.92		1.86				
Sep 77		0.62		0.09		0.09		67.82		1.61		1.56				
26. DATE OF SURVEY		39. AV. DRY WGT., LBS. PER CU. FT.		40. SED. DEP., TONS PER SQ. MI.-YR.		41. STORAGE LOSS, PCT.		42. SED. INFLOW, PPM								
				a. PERIOD		b. TOTAL TO DATE		a. AV. ANN.		b. TOT. TO DATE		a. PERIOD		b. TOT. TO DATE		

26. DATE OF SURVEY	43. DEPTH DESIGNATION RANGE IN FEET BELOW, AND ABOVE, CREST ELEVATION												

PERCENT OF TOTAL SEDIMENT LOCATED WITHIN DEPTH DESIGNATION													

26. DATE OF SURVEY	44. REACH DESIGNATION PERCENT OF TOTAL ORIGINAL LENGTH OF RESERVOIR													
	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	-105	-110	-115	-120
PERCENT OF TOTAL SEDIMENT LOCATED WITHIN REACH DESIGNATION														

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45. RANGE IN RESERVOIR OPERATION

WATER YEAR	MAX. ELEV.	MIN. ELEV.	INFLOW, AC.-FT.	WATER YEAR	MAX. ELEV.	MIN. ELEV.	INFLOW, AC.-FT.

46. ELEVATION-AREA-CAPACITY DATA

ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY

47. REMARKS AND REFERENCES

1/ Item 25 - Temperature taken at Pasadena, California  
 2/ Item 32 - Capacity of debris basin varies. Debris excavated at various times..  
 3/ Item 37 - Sedimentation values computed by LACFCD are based on complete water year.