STATE OF CALIFORNIA—THE RESOURCES AGENCY
STATE WATER RESOURCES CONTROL BOARD

DIVISION OF WATER RIGHTS

REPORT OF INSPECTION

Filing Data

APPLICATION: 18006 FILING DATE: 02-18-58

NAME : U S BUREAU OF RECLAMATION
ADDRESS : 2800 COTTAGE WAY, SACRAMENTO, CALIF 95825
SOURCE : PROSSER CREEK TRIB TRUCKEE RIVER
PT. OF DIV. : NW1/4 OF SW1/4 SECTION 30 T18N R17E MDB&M COUNTY: NEVADA
AMOUNT : 30,000 AC-FT/ANN
PURPOSE : IRRIGATION, FISH CULTURE, FLOOD CONTROL & RECREATIONAL
SEASON : JANUARY 1 TO DECEMBER 31

PERMIT NO. : 11666 DATE ISSUED: 01-16-59 EXPIRES: 12-01-69
ACREAGE: 96,800 ACRES

Date of Inspection August 5, 19 70 Inspected by George A. Platz
Accompanied by Bob Murphy, Bureau Rep.
Persons interviewed same
Reason for inspection time up

Recommendation

License [X] Extension ☐ to 19____ No action ☐ Revoke ☐

Changes or corrections None ☐
(Indicate by an "X" the items that need change from permit or license and show correctly below)
Owner ☐ Address ☐ Amount [X] Season ☐ Purpose [X] Point of diversion ☐ Place of use [X]

Remarks (Explain basis for recommendation)
Maximum withdrawal in any one year has been 22,000 + acre-feet
Flood control has been dropped.
Place of Use is shown as 81,446 net in a gross area of 96,800 acres

Source

Name as above Who measures flow? B of Rec.
Tributary to " Is supply natural flow? yes
From (direction) Estimated minimum flow 0
During what portion of year does minimum flow occur? late summer
Measured or estimated flow at time of inspection 10 to 15 cfs

Diversion System

Is point of diversion at location specified in permit, license or order? yes
If not, when will petition be submitted?
If diversion point has been moved, roughly describe present location with respect to authorized location
Would change cause any injury? no
Is diversion by gravity or pumping? gravity
Is diversion system complete? yes If not, briefly explain what remains to be done
If not complete, does it appear to have been pursued with reasonable diligence?
What is the capacity of the limiting section? 30,000 AF How determined? capacity of reservoir
Explain briefly manner of determining above capacity area-capacity curve

19 70

WRCB 19-1 1st Inspection

Place of Use

(Permit)

Name of place of use, if commonly known as such Truckee Meadows & Newlands Project
Describe briefly any changes from place of use as described in permit, license or order none

Is petition required? no If so, indicate when it will be submitted

Is place of use developed to a point where full use of water may be made? yes
If not, describe briefly what remains to be done

Does it appear that development has been pursued with due diligence? yes
Does permittee or licensee own or control all the land originally covered or as covered by change? yes

Major Use of Water

Briefly describe method of applying water to major use water is collected to onstream storage and released as required for irrigation, fish life and flood control purposes.

Does method of use appear to be wasteful, judging from local standards? no
Explain answer common

List units served during maximum season (if applicable) 81,000 acres of irrigation

Other Uses

Average number of persons served during maximum period - Number of housing units
Plumbing facilities available -
Area of garden, lawn, etc., served - Area sprinkled to allay dust
Number of domestic livestock served -
Other miscellaneous domestic use -
Recreational use fishing, boating etc.

Extent of Use of Water

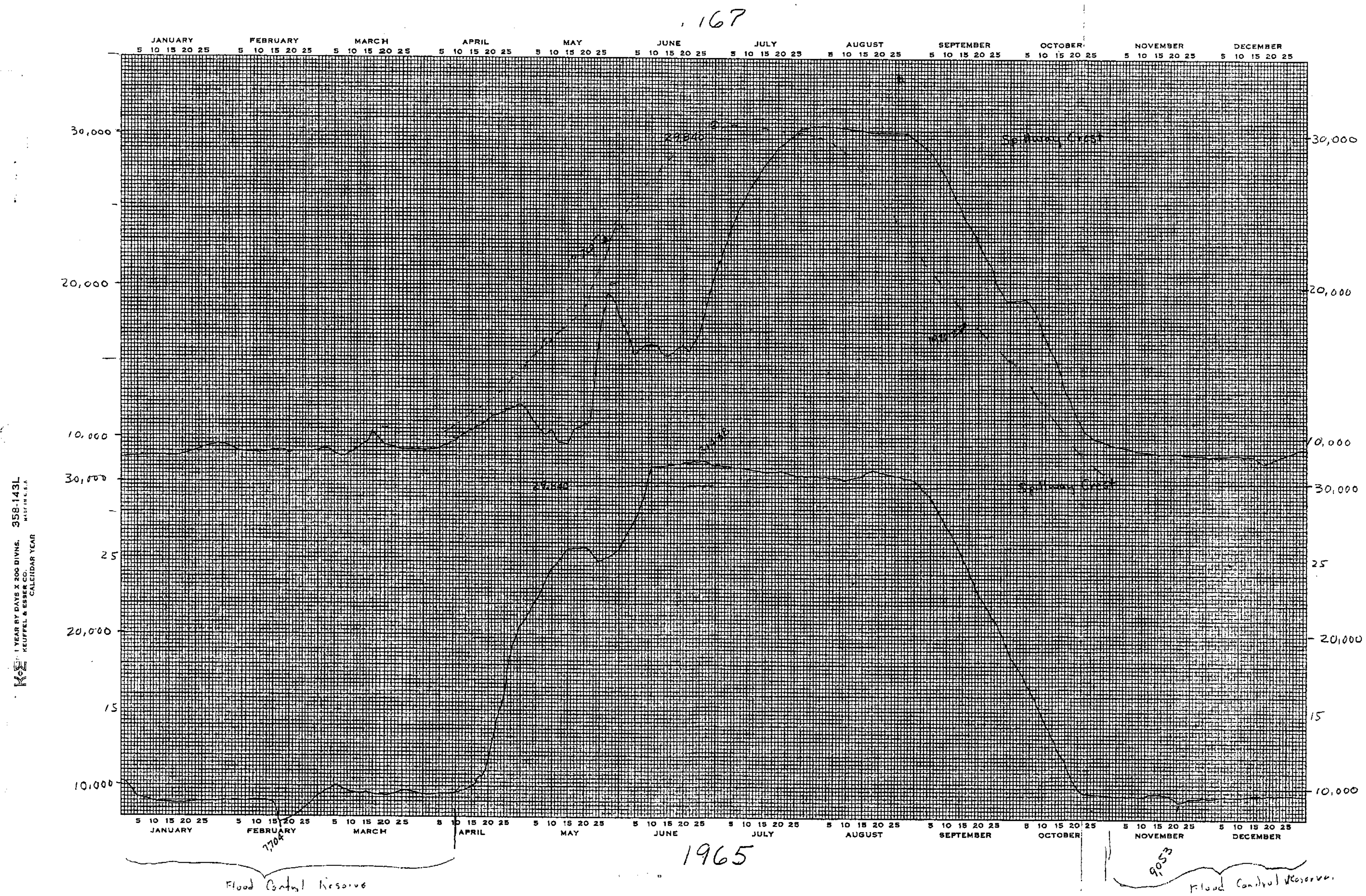
Season of use and/or diversion to storage: used to some extent all year, collected all year

Average rate of use by direct diversion during maximum period unknown
Approximate beginning and ending dates of maximum period
Year of maximum use

Complete the following only if storage is involved
Maximum amount diverted to storage in one season 30,000 acre-feet Year 1962-63
Does the purpose for which water was stored require withdrawal before use? yes
If so, give maximum withdrawal in one season 22,385 acre-feet Year 1965
How much water was held over in dead storage? about 9,000 AF
For what purpose? fish, recreational purposes

Other Rights

no other filings



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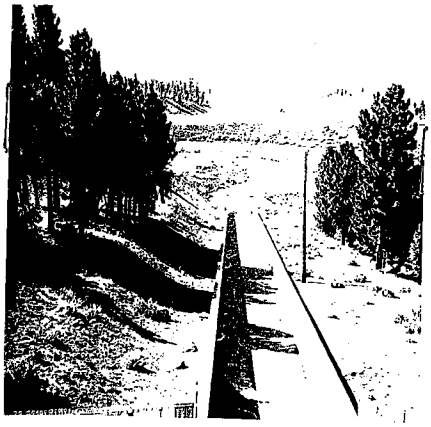
JANUARY
FEBRUARY
MARCH
APRIL
MAY
JUNE
JULY
AUGUST
SEPTEMBER
OCTOBER
NOVEMBER
DECEMBER
30,000
20,000
10,000
25
15
Spillway Crest
29840
1965
Flood Control Reserve
9053
1 YEAR BY DAYS X 200 DIVNS. 358-143L
KEUFFEL & ESSER CO.
CALENDAR YEAR

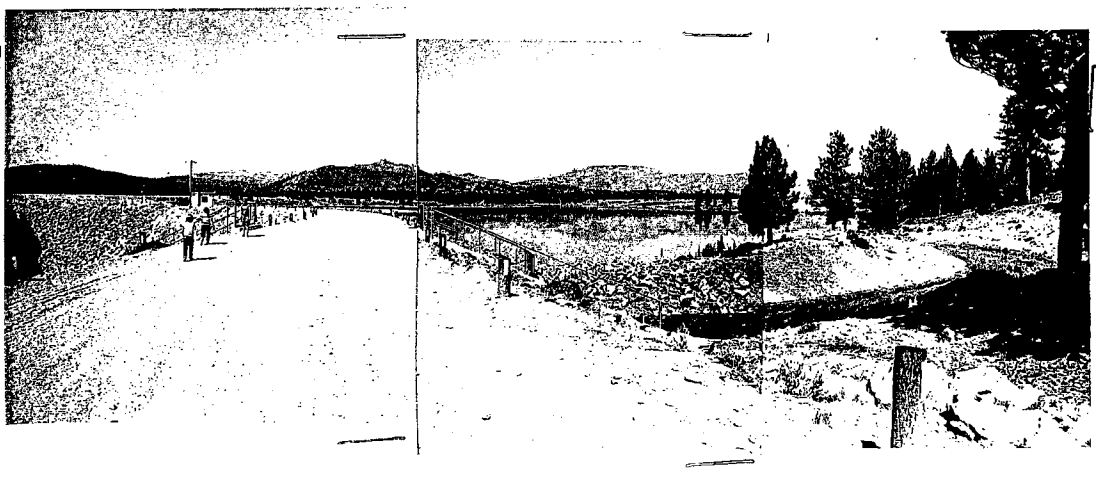
Remarks

Project visited accompanied by Mr. Bob Morgan of the Bureau office in Sacramento. I had previously contacted him by phone to let him know what data would be helpful, such as hydrographs, etc. When he met me at the dam, he had worked up figures on storage quantities and acreage irrigated from 1965 thru 1969. He also submitted their monthly flood control reports showing the daily figures on storage quantities, inflow and outflow amounts in acre-feet.
From this I was able to make a hydrograph for the years 1965 and 1967, which have been the two peak years since the reservoir was built in 1963.
As shown, a minimum pool of about 9,000 acre-feet is maintained from about November 1 to about April 10 for flood control purposes (20,000 AF) and this is accomplished by releasing about 20,000 acre-feet during September & October. Much of this is done under the exchange agreement with Lake Tahoe.
The question now arises as to whether this water that is released during these months is beneficially used for irrigation, or simply allowed to run into Pyramid Lake. To determine this, we will have to have records of the flows through their canals into Truckee Meadows area or through the Truckee Canal into Lahontan Reservoir. Without this, I suppose we could compare flows between the station at Farad and below Derby. I called Bob Morgan to see if this material could be made available, but he is on a field trip and I will contact him when he returns. This data will be added to this report when we get it.

Dated: August 27, 1970

L. A. Pierce
Ass't. Civil Engineer





Prosser Creek Reservoir
Storage Quantities

1969

1/21/69	10921	2/28/69	9280	4/2/69	3648
1/6/69	9414	2/10/69	8689	3/26/69	2886
	1507		591		762
8/4/69	22251	11/17/69	9209	12/22/69	10346
4/9/69	2546	10/29/69	8457	12/5/69	9285
	19705		752		1361

Total 24,678

Acres 81,446

1968

2/24/68	10598	3/31/68	10509	6/24/68	20460
1/22/68	9388	3/11/68	8885	4/5/68	9206
	1210		1624		11254
11/6/68	9967	12/27/68	9703		
10/28/68	9519	12/5/68	9378		
	448		325		

Total 14,861

Acres 81,025

1967

2/1/67 9487	3/17/67 10371	5/1/67 12120
1/1/67 8625	3/8/67 8704	3/31/67 9062
862	1667	3058
5/29/67 19407	8/2/67 30578	12/30/67 9632
5/15/67 9487	6/16/67 15386	12/18/67 9238
9,920	15192	394

Total 31093

Acres 78934

1966

3/16/66 10081	8/3/66 20489	11/18/66 9716
1/24/66 9319	3/21/66 9542	10/19/66 9193
762	10,947	523

Total 12,232

Acres 78,785

1965

2/8/65 9181	3/5/65 10,018	5/17/65 25719
1/22/65 8,764	2/19/65 7704	3/17/65 9300
417	2,314	16,419
6/25/65 31 438	11/18/65 9984	12/24/65 9615
5/26/65 24,748	10/29/65 9503	11/22/65 9053
6,690	481	562

Total 26,883

Acres 80574