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Pages: 6

To: Bill Van Dyke, DWR Water Rights

From: Marvin Goss

Subject: As per request. Note that the enclosed is from the Preliminary Edition, May, 1963. The Pg. 58, Table 4 data (identical to that included herein) were than likely came from the Final Edition Bulletin No. 94 series which was issued a year or two later (I'm sure you have it in your files). If I can be of any further assistance, please don't hesitate to call.

State of California
THE RESOURCES AGENCY OF CALIFORNIA
Department of Water Resources

BULLETIN No. 94-6

LAND AND WATER USE IN
KLAMATH RIVER
HYDROGRAPHIC UNIT

Volume I: Text

Preliminary Edition

MAY 1963

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FOREWORD

The State Legislature requested the Department of Water Resources to make a current inventory of the water resources and water requirements of the State in greater detail and to higher standards than has previously been done. Results of this inventory will be presented in two series of reports covering (1) land and water use, and (2) water resources and water requirements.

For purposes of this inventory, the State has been divided into 12 major hydrographic areas. These areas, in turn have been subdivided into hydrographic units generally comprising watersheds of individual rivers. Basic data on present water uses, together with the apparent claim of water right attached thereto, present land uses, history of land and water uses, and the classification of lands, will be presented separately for each hydrographic unit in the series of reports on land and water use.

The determination of available water resources and water requirements, based on economic development at specific intervals of time, will be reported in the series of reports on water resources and water requirements, to be prepared for each of the major hydrographic areas.

This land and water use report covers the watershed of the Klamath River and is the sixth of the Bulletin No. 94 series. This report is a preliminary edition. After a public hearing is held in the Klamath River area, the final report will be prepared and presented to the Legislature.

Most of the water use in the unit is based on riparian rights or on appropriative rights established prior to 1914. As of June 30, 1960, a total of 247 currently active applications had been made in the unit under provisions of the Water Commission Act of 1914. Permits or licenses had been granted for 234 of these applications and 13 were incomplete. All the applications are tabulated in Table C-1, Appendix C, page C-12.

Surface Water Diversions

During the survey an attempt was made to locate and obtain data with respect to all diversions of more than 10 acre-feet per year. The locations of these diversions were plotted on aerial photographs having a scale of about 1:20,000. All diversions in use in 1958, as well as those which had been used within the preceding five years, were included. The date of last use of discontinued diversions was recorded, if known. Direct diversions, as well as those involving significant surface storage were located. All reservoirs which had surface areas of about three acres or more were mapped. Three acres was considered the minimum size which could be delineated on the aerial photographs used. Reservoirs located along and operated in conjunction with canals and ditches are shown on the land and water use maps, but are not considered as separate systems and are not assigned location numbers. Similarly, supplies obtained from small intermittent streams intercepted by canal systems are not classed as separate diversions.

In some situations water users have made efficient use of water supply by rediverting field runoff or spill collected from their own upstream diversion systems. In this investigation, such points of rediversion are neither located on the maps nor assigned numbers. However, if return flow from another water user's operation is rediverted, or if there is doubt as to the origin of the water, the diversion is delineated and assigned a number. Diversion systems of water companies or groups of water users are considered as single units and individual customer distribution points are not shown on the maps.

There were 270 surface water diversions located in the unit in 1958. These diversions are classified by primary use as follows:

<u>Primary use</u>	<u>Number of diversions</u>
Irrigation	208
Municipal	4
Industrial (lumber mills)	10
Mining	17
Power	19
Domestic	<u>12</u>
Total diversions located	270

Points of diversion and main canals or pipelines used to convey the water are delineated on the 36 sheets of Plate 2 entitled "Land and Water Use." The diversions are listed in Table 4.

Numbering System for Surface Water Diversions

Surface water diversions are numbered to indicate their location by township, range, and section within the federal land survey system.

TABLE 4 (Continued)
 DESCRIPTIONS OF SURFACE WATER DIVERSIONS IN
 KLAMATH RIVER HYDROGRAPHIC UNIT

Location number and Plate 2 sheet number	Diversion name and/or owner	Source	Water use in 1958			Apparent water right			Indicated date of appropriation or first use	Description of diversion system	Remarks
			Purpose	Extent and method of use	Amount diverted in acre-feet	Type	Amount	Reference			
<u>SOMES BAR SUBUNIT</u>											
H. E. E. H. 12N/6E-16F1 (Sheet 24)	F. P. Diata	Springs tributary to Klamath River	Domestic Power	(s) 1.2 kw.	37	(c)	--	--	1930	Gravity; rock dam with 0.1 mile of earth ditch and 1,000 feet of 6- and 2-inch pipe.	Former owner: Jack Forgan.
12N/6E-28M1 (Sheet 24)	Luther Hickox	Fenayak Creek	Mining Power	Flower ^a 5.5 kw.	586	Approp.	--	--	Prior 1914	Gravity; rock dam and wood headworks with 800 feet of 18-inch pipe.	Former owners: Ward, Teneyak, Hall. Received supplemental supply from 12N/6E-28M1 and an unnamed stream which enters above sluice box.
12N/6E-28M1 (Sheet 24)	Luther Hickox	Hstuket Creek	Mining	(*)	3,336 ^b	(c)	--	--	1958	Gravity; rock dam with 0.2 mile of earth ditch.	Amount diverted supplemented 12N/6E-28M1.
12N/6E-34L1 (Sheet 24)	Helisea Langford	Herrill Creek	Power Domestic	5 kw. (a)	257	Approp.	--	--	About 1850	Gravity; log dam 6 feet high, 20 feet long with 1.7 miles of earth ditch.	Former owner: Andy Merrill.
13N/6E-5H1 (Sheet 21)	J. E. Ephraim	Tributary to Kennedy Creek	Power	3 kw.	144	Riparian	--	--	1950	Gravity; short wood flume to 450 feet of 6-inch pipe.	Former owner: James.
13N/6E-37G1 (Sheet 21)	L. H. Hayes	Stanshaw Creek	Irrig. Domestic Stock Power	19 acres by flooding 5 connections 23 head 6 kw.	362	Riparian	--	--	About 1800	Gravity; rock and earth dam with 0.7 mile of earth ditch.	Former owner: McArthur.
13N/6E-37H1 (Sheet 21)	Stanshaw Mines	Stanshaw Creek	Power Domestic	(a)	40	Approp.	--	--	About 1890	Gravity; board dam 2 feet high, 8 feet long with 120 feet of 12- and 5-inch pipe.	Former owners: Stanshaw Mining Company, Fontana.
15N/7E-12B1 (Sheet 19)	W. E. Lemon	Malena Creek	Power	5 kw.	269 ^a	Riparian	--	--	1952	Gravity; rock and earth dam with 0.5 mile of earth ditch and 250 feet of 5-inch pipe.	Amount diverted supplemented 15N/7E-12B1.
15N/7E-13G1 (Sheet 19)	W. E. Lemon	Elk Creek	Irrig.	21 acres by flooding ^b	304	Riparian	--	--	About 1906	Gravity; 0.4 mile of earth ditch.	Former owner: Malena. Area irrigated received supplemental supply from 15N/7E-13B1.
15N/6E-29K1 (Sheet 19)	Rosa I. Kennedy	Stanza Creek	Irrig. Domestic	7 acres by flooding (a)	400	Approp.	--	--	1876	Gravity; earth and rock dam 1 foot high, 8 feet long with 0.2 mile of earth ditch.	Former owners: Fields, Dave Custer.

^a See remarks.
^b Information not available.
 For lettered footnotes, see last page of table.