

BEAR RIVER BASIN

Published by
BEAR RIVER COMMISSION

**BEAR RIVER COMMISSION WATER ALLOCATIONS
CENTRAL DIVISION**

Date of Regulation: _____

(1)

(1) WYOMING DIVERSIONS

(including all diversions from Grade Creek, Pine Creek, Bruner Creek and Pine Creek Springs, Spring Creek, Sublette Creek, and Smiths Fork and the tributaries of Smiths Fork above the mouth of Hobbie Creek including Hobbie Creek, and the main stem of the Bear River between Pixley Dam and the point where the river crosses the state line near Border, Wyoming, and also including waters diverted in the Cook Canal in Wyoming for use in Wyoming and Idaho).

Data received from: _____

(2) IDAHO DIVERSIONS

(including diversions from the main stem of the Bear River from the point where the river crosses the Wyoming-Idaho State line near Border to Stewart Dam including West Fork Canal which diverts at Stewart Dam).

Data received from: _____

(3) RAINBOW INLET CANAL AND BEAR RIVER MAIN STEM

(consisting of the flow in the Rainbow Inlet Canal and of the Bear River passing downstream from Stewart Dam).

Data received from: _____

Rainbow Inlet Canal (cfs) _____ Stewart Dam (cfs) _____

(2)

**TOTAL CENTRAL DIVISION
DIVERTIBLE FLOW**

**FLOW OF BEAR
RIVER AT BORDER
GAUGING STATION**

(3)

**NO WATER
EMERGENCY
EXISTS**

NO

**TOTAL DIVERTIBLE FLOW (2) < 870 CFS
OR
FLOW AT BORDER (3) IS < 350 CFS**

YES

**WATER
EMERGENCY
EXISTS**

ALLOCATIONS IN THE STATE OF WYOMING (Total Divertible Flow (2) multiplied by 0.43)
(from Grade Creek, Pine Creek, Bruner Creek and Pine Creek Springs, Spring Creek, Sublette Creek, Smiths Fork, and all the tributaries of Smiths Fork above the mouth of Hobbie Creek including Hobbie Creek, and from the main stem of the Bear River between Pixley Dam and the point where the river crosses the Wyoming-Idaho State line near Border).

ALLOCATIONS IN THE STATE OF IDAHO (Total Divertible Flow (2) multiplied by 0.57)
(for use in Idaho in the Central Division, provided that any amount not used shall be available in Idaho for use in the Lower Division).

REMARKS: _____

**BEAR RIVER COMMISSION WATER ALLOCATIONS
UPPER DIVISION**

Date of Regulation: _____

(cfs)

+

+/-

+

+

+

UPPER UTAH SECTION DIVERSIONS
(excluding The Hilliard East Fork Canal, Lannon Canal, Lone Mountain Ditch, and Hilliard West Side Canal).

Data rec'd from: _____

UPPER WYOMING SECTION DIVERSIONS
(including the Hilliard East Fork Canal, Lannon Canal, Lone Mountain Ditch, and Hilliard West Side Canal from above as well as the Chapman, Bear River, and Francis Lee Canals).

Data rec'd from: _____

Wyo diversions abv Woodruff (cfs) _____ Bear R Canal _____ Francis Lee Canal _____

WOODRUFF NARROWS RESERVOIR STORAGE WATER

Data rec'd from: _____

Inflow (cfs) _____ Outflow (cfs) _____ Storage Water (cfs) _____

LOWER UTAH SECTION DIVERSIONS
(including the Beckwith Quinn West Side Canal).

Data rec'd from: _____

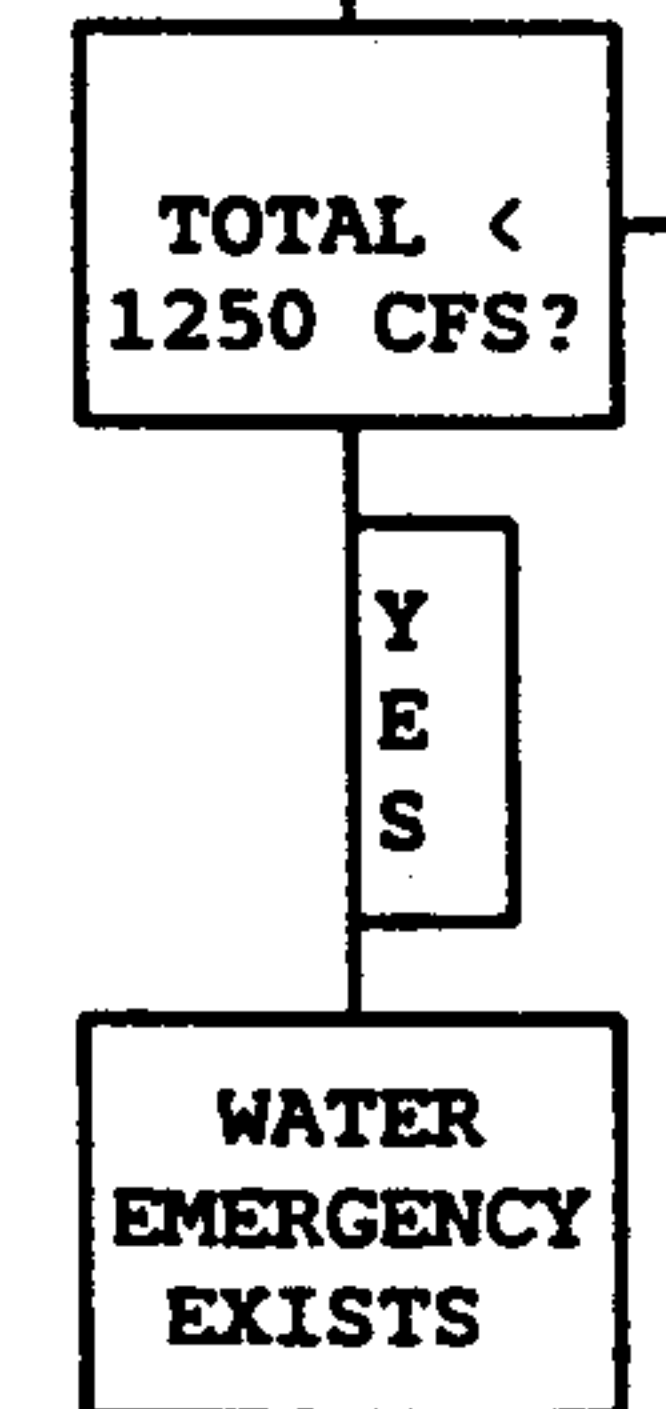
LOWER WYOMING SECTION DIVERSIONS

Data rec'd from: _____

PIXLEY DAM

Data rec'd from: _____

TOTAL UPPER DIVISION DIVERTIBLE FLOW



NO WATER EMERGENCY EXISTS

NO ACTION IS NECESSARY

UPPER UTAH SECTION ALLOCATION
(Total flow multiplied by 0.006)

UPPER WYOMING SECTION ALLOCATION
(Total flow multiplied by 0.493)

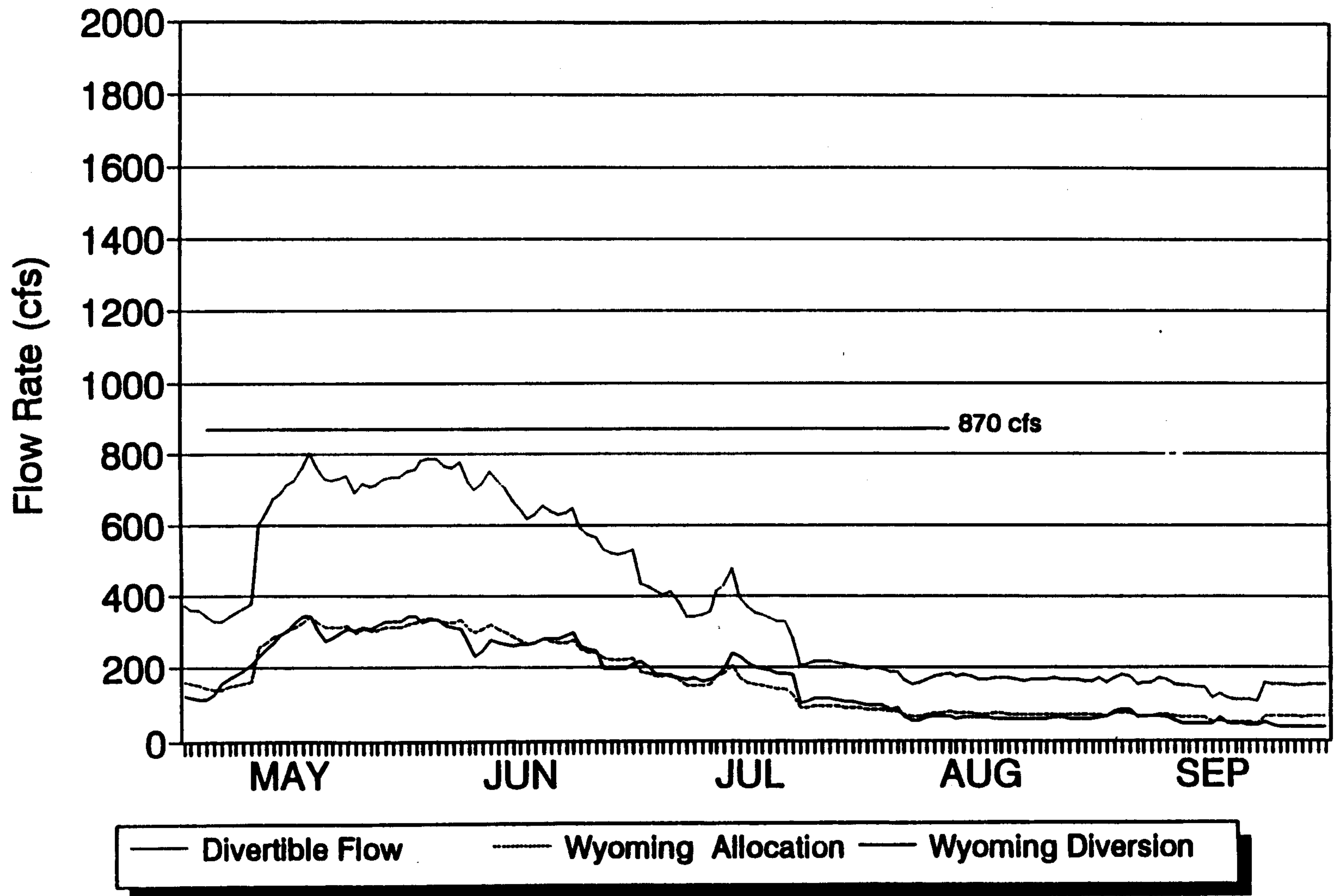
LOWER UTAH SECTION ALLOCATION
(Total flow multiplied by 0.405)

LOWER WYOMING SECTION ALLOCATION
(Total flow multiplied by 0.096)

REMARKS: _____

1994 - CENTRAL DIVISION

Wyoming Section Diversion v Allocation

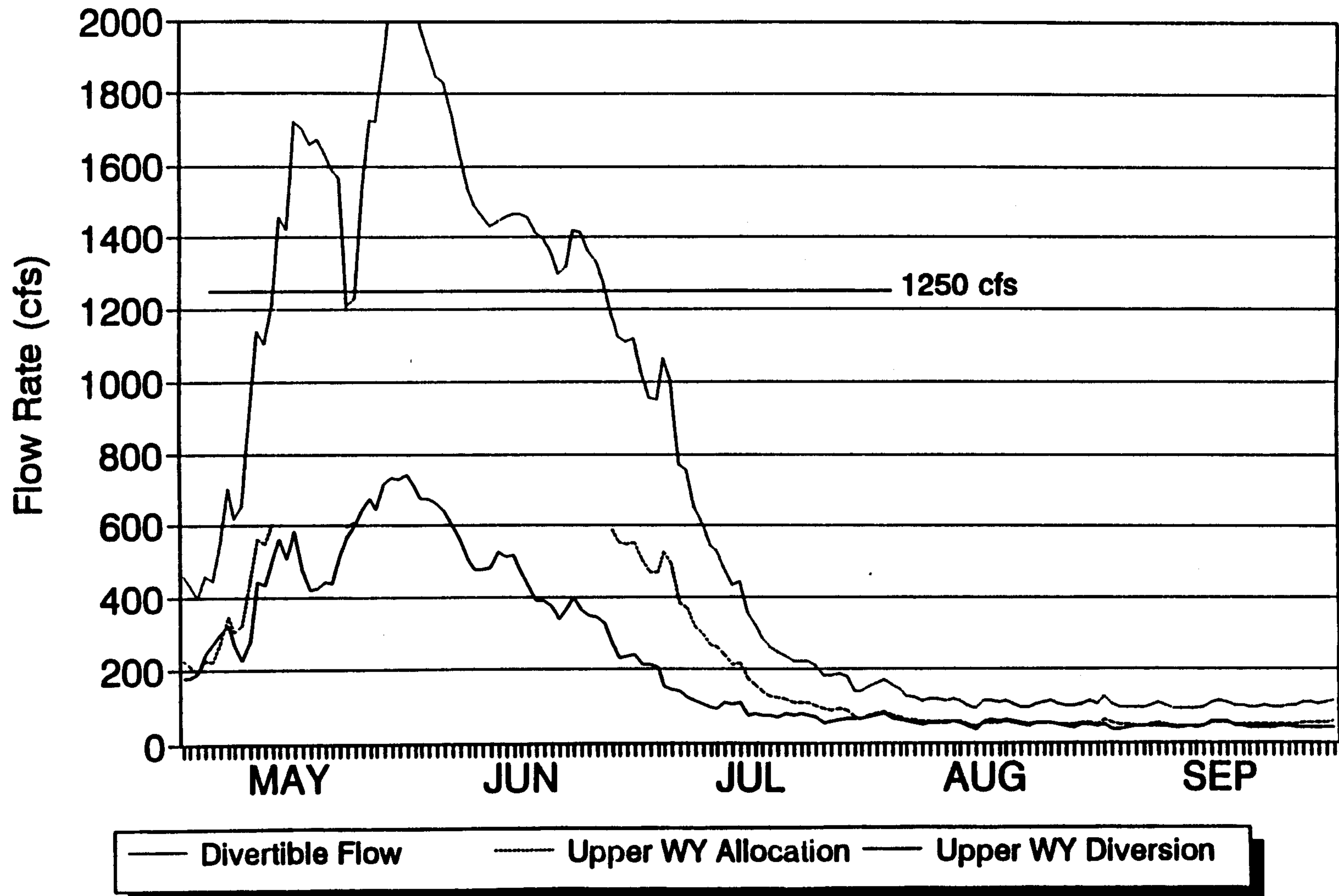


94-25

Figure 1994.15

1994 - UPPER DIVISION

Upper WY Section Diversion v Allocation

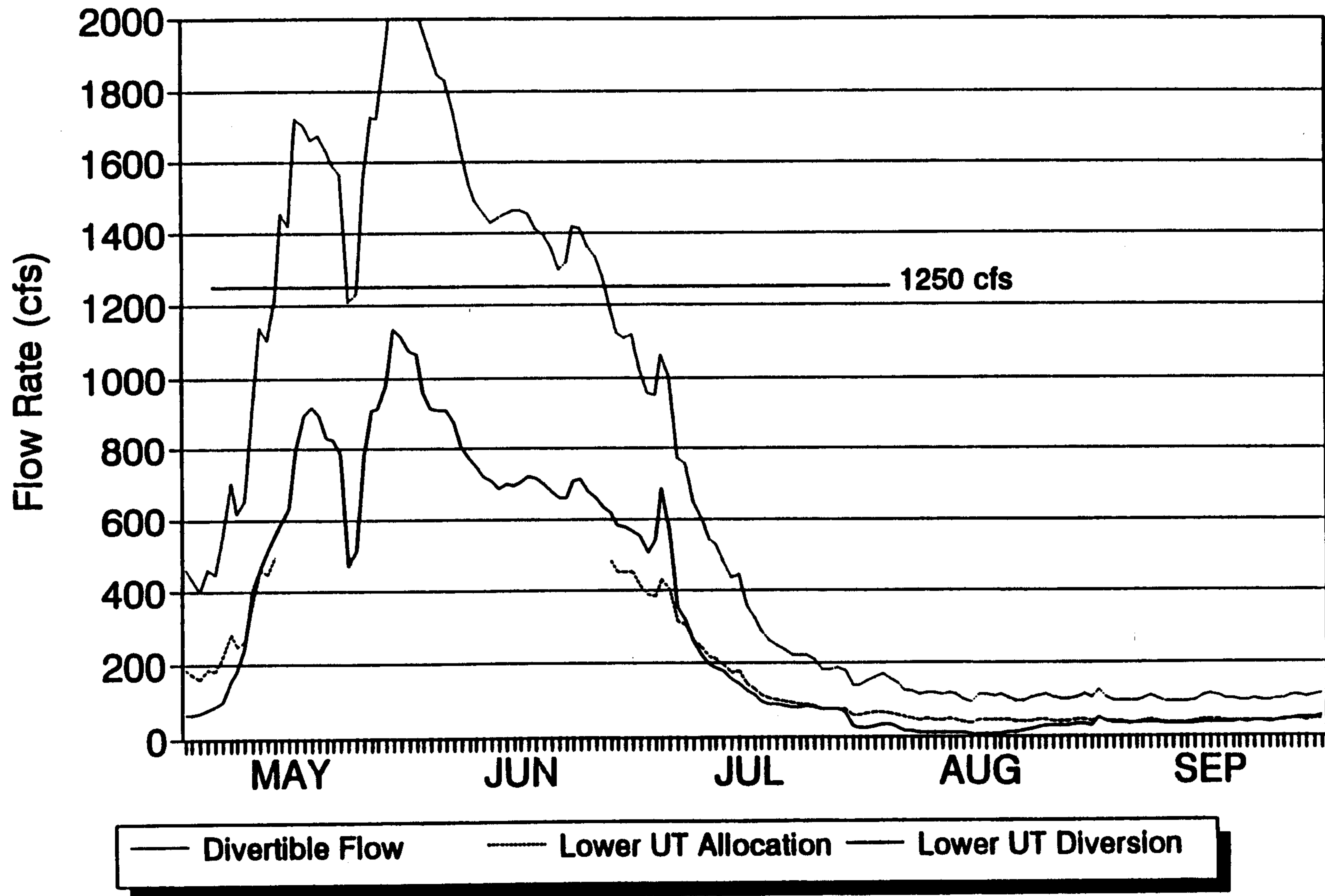


94-17

Figure 1994.12

1994 - UPPER DIVISION

Lower UT Section Diversion v Allocation



94-18

Figure 1994.13

**Bear River Commission
Estimated Annual Depletions'
Changes from January 1, 1976, to January 1, 1990**

ABOVE STEWART DAM

State	Allocation	Agricultural Depletions	M&I Depletions	Total Depletions	Remaining Allocation
Wyoming	13,000	1,996	781	2,777	10,223
Idaho	2,000	1,293	0	1,293	707
Utah	13,000	5,106	177	5,283	7,717

LOWER DIVISION

State	Allocation	Agricultural Depletions	M&I Depletions	Total Depletions	Remaining Allocation
Idaho	125,000 ²	7,348	-48	7,300	117,700
Utah	275,000 ³	2,936	1,178	4,114	270,886

¹All values are in acre-feet. Data were obtained from the appendices of the April 22, 1992, Bear River Commission meeting minutes. Any reductions in pre-1976 depletions are reflected in the above numbers. With the exception of Woodruff Narrows Reservoir, reservoir evaporation was not calculated.

²First right under Compact—Compact grants additional rights.

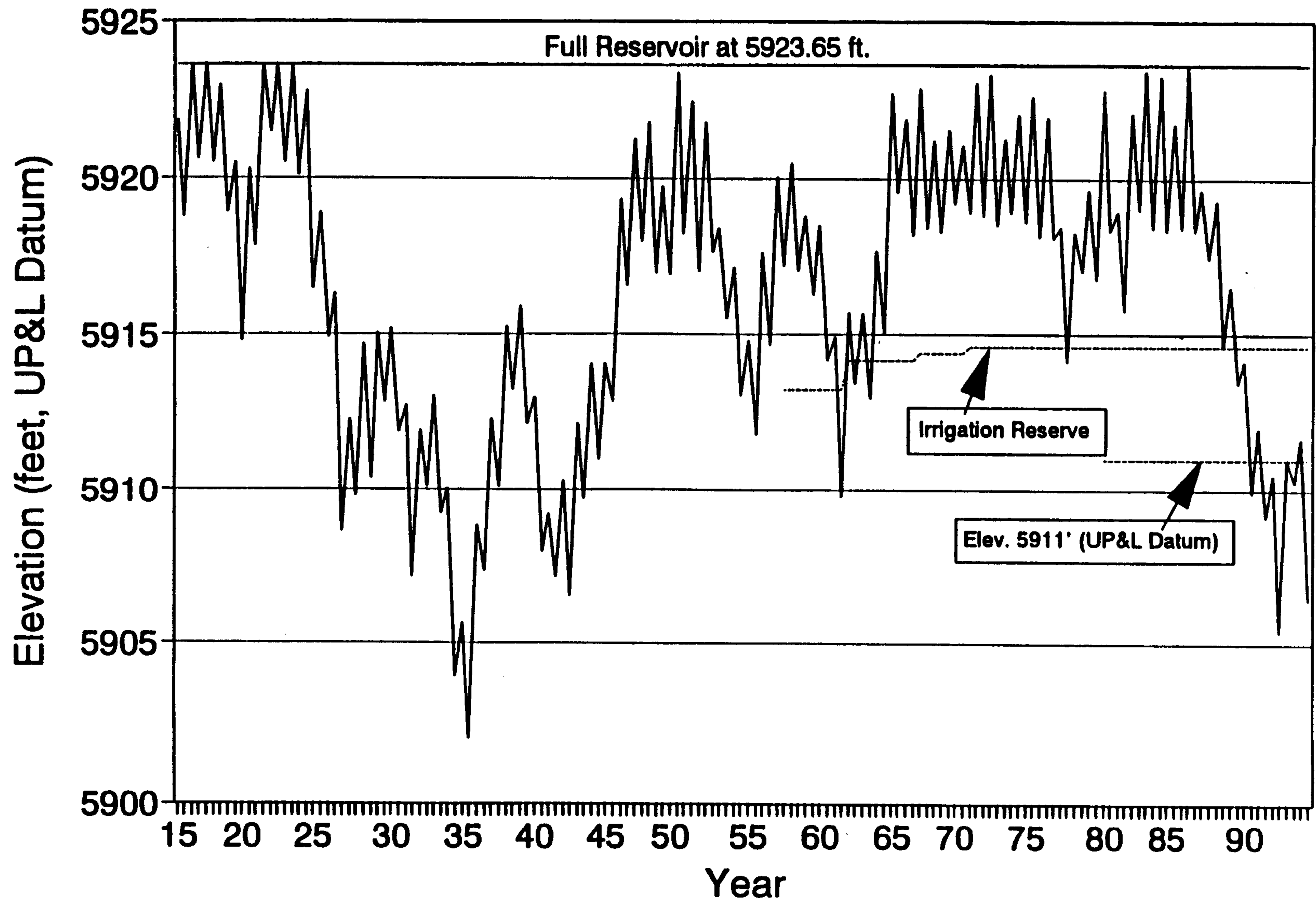
³Second right under Compact—Compact grants additional rights.

Figure O.3

Post-1975 storage subject to Amended Compact along with annual depletion
Wyoming: 35000 AF allocated
20946 AF left
Post-1955 storage subject to Original Compact
Wyoming: 17750 AF allocated
4318 AF left
Pre-1955 pre-Compact storage exempted
Wyoming: 2150 AF

BEAR LAKE ELEVATION

Annual Maximum & Minimum Elevations



94-11

Figure 1994:8

IRRIGATION WATER ALLOCATION AND
LAKE RECOVERY PROPOSAL FOR BEAR LAKE

<u>Calculated Elevation¹</u>	<u>Storage Content(A.F.)</u>	<u>Calculated Evaporation</u>	<u>Calculated Net Storage Avail.</u>	<u>Annual Allocation²</u>	<u>Balance Preserved For Lake Recovery</u>
Full 5923.85	1,414,000				
5914.7 (Irr. Reserve)	801,000	(125,000)	676,000	230,000 (100%)	446,000
5914	754,000	(125,000)	629,000	225,000 (98%)	404,000
5913	688,000	(125,000)	563,000	220,000 (96%)	343,000
5912	621,000	(125,000)	490,000	215,000 (93%)	275,000
5911	557,000	(125,000)	432,000	210,000 (91%)	222,000
5910	497,000	(125,000)	372,000	205,000 (89%)	167,000
5909	428,000	(125,000)	303,000	181,000 (79%)	122,000
5908	365,000	(125,000)	240,000	168,000 (73%)	72,000
5907	302,000	(125,000)	177,000	141,000 (61%)	36,000
5906	240,000	(125,000)	115,000	104,000 (45%)	11,000
5905	180,000	(125,000)	55,000	55,000 (24%)	0
5904	119,000	(125,000)	0	0 (0%)	119,000
5903	59,000	(125,000)	0	0 (0%)	59,000
5902	0		0	0 (0%)	0

* Footnotes are found on the following page.