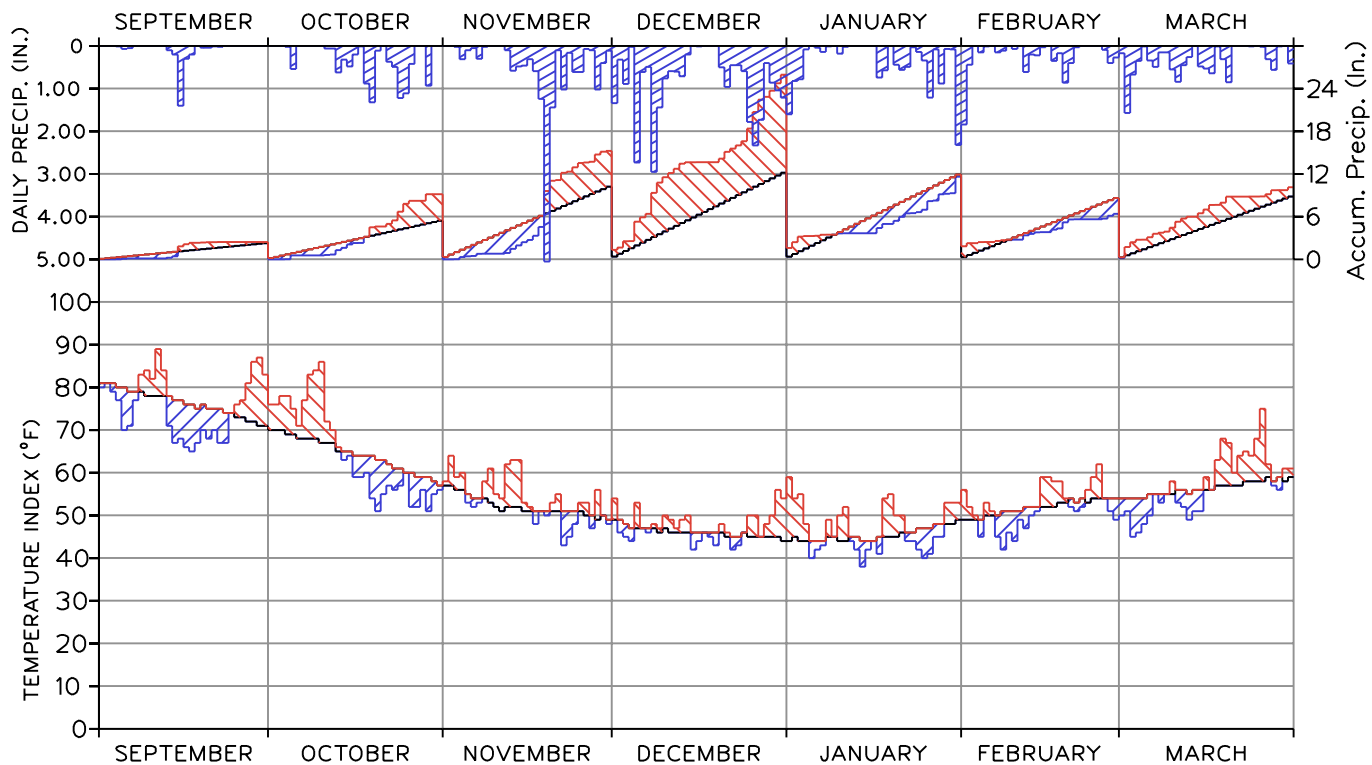
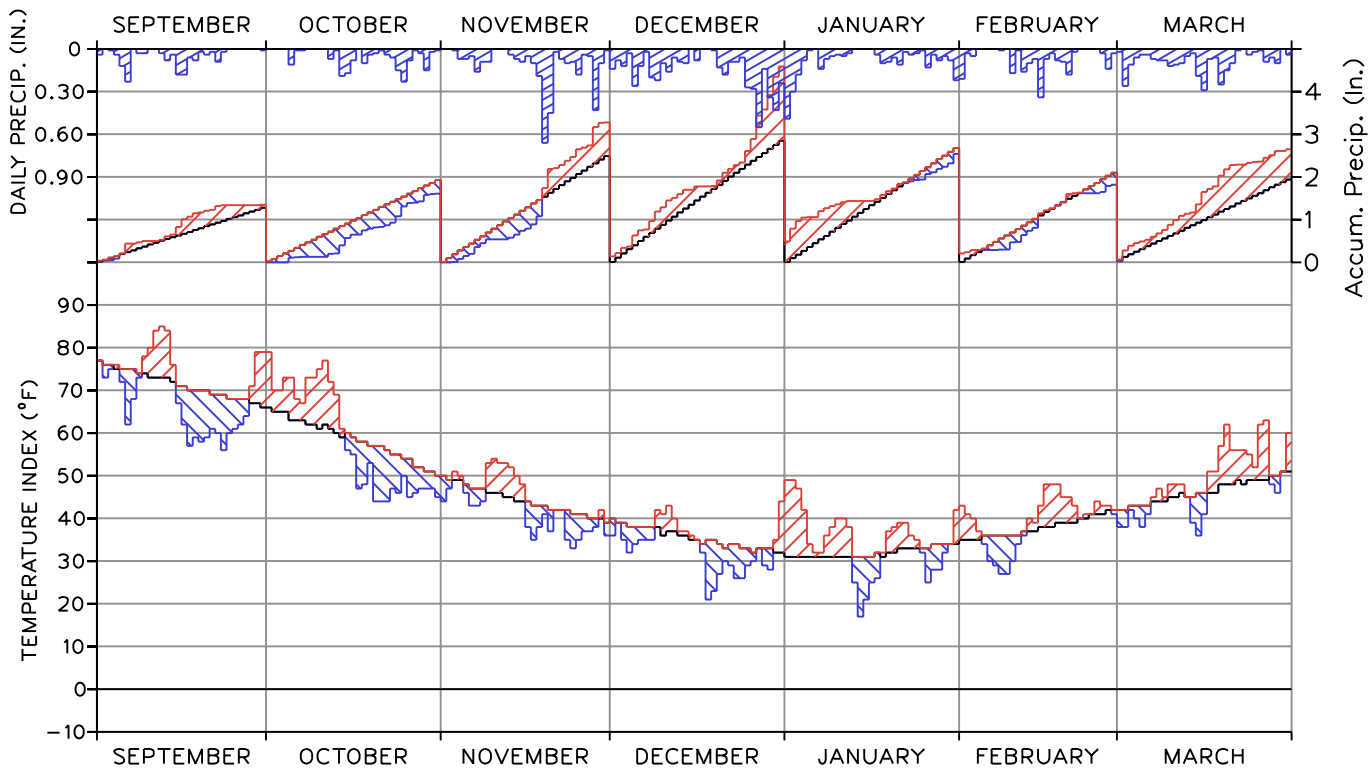


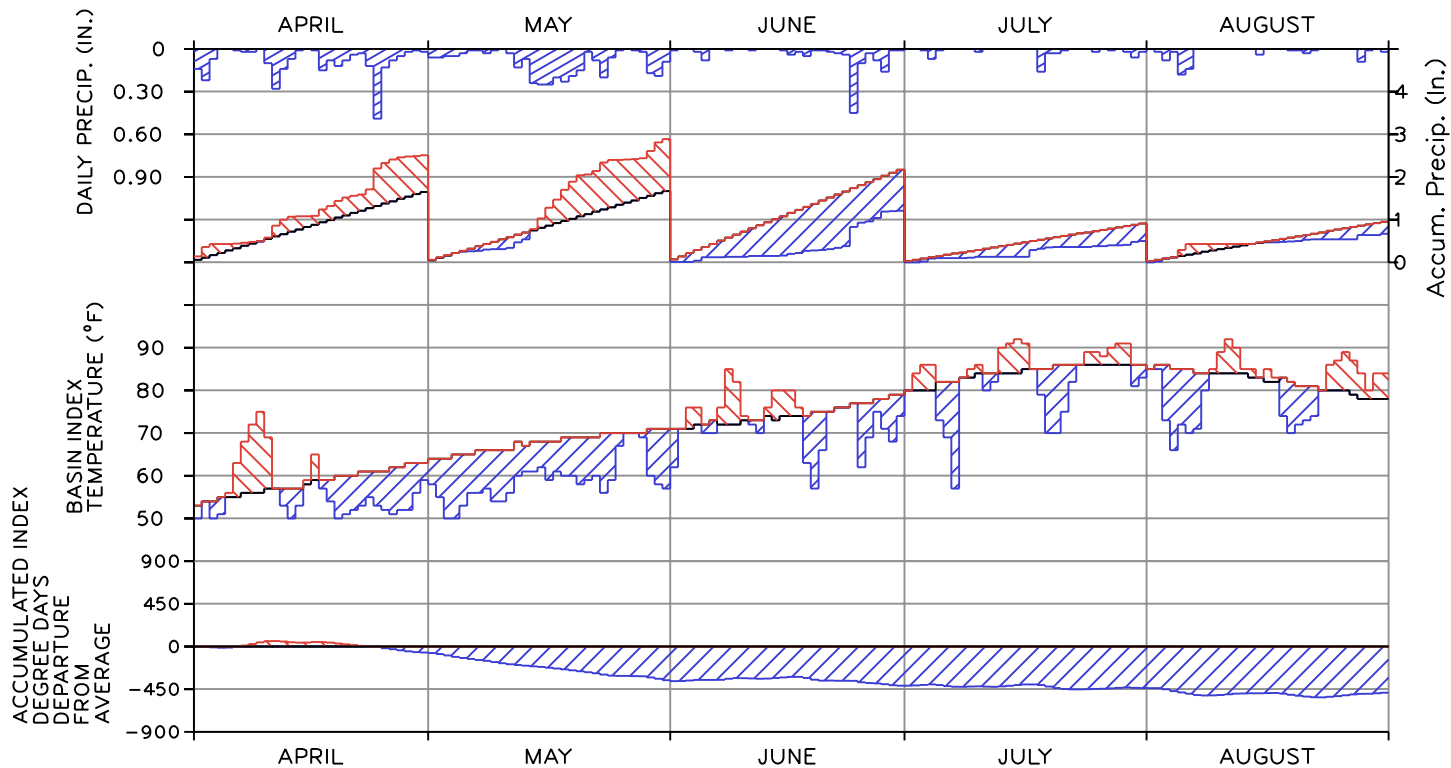
WINTER SEASON CHART 1
TEMPERATURE AND PRECIPITATION INDEX 1996-1997
WESTERN WASHINGTON



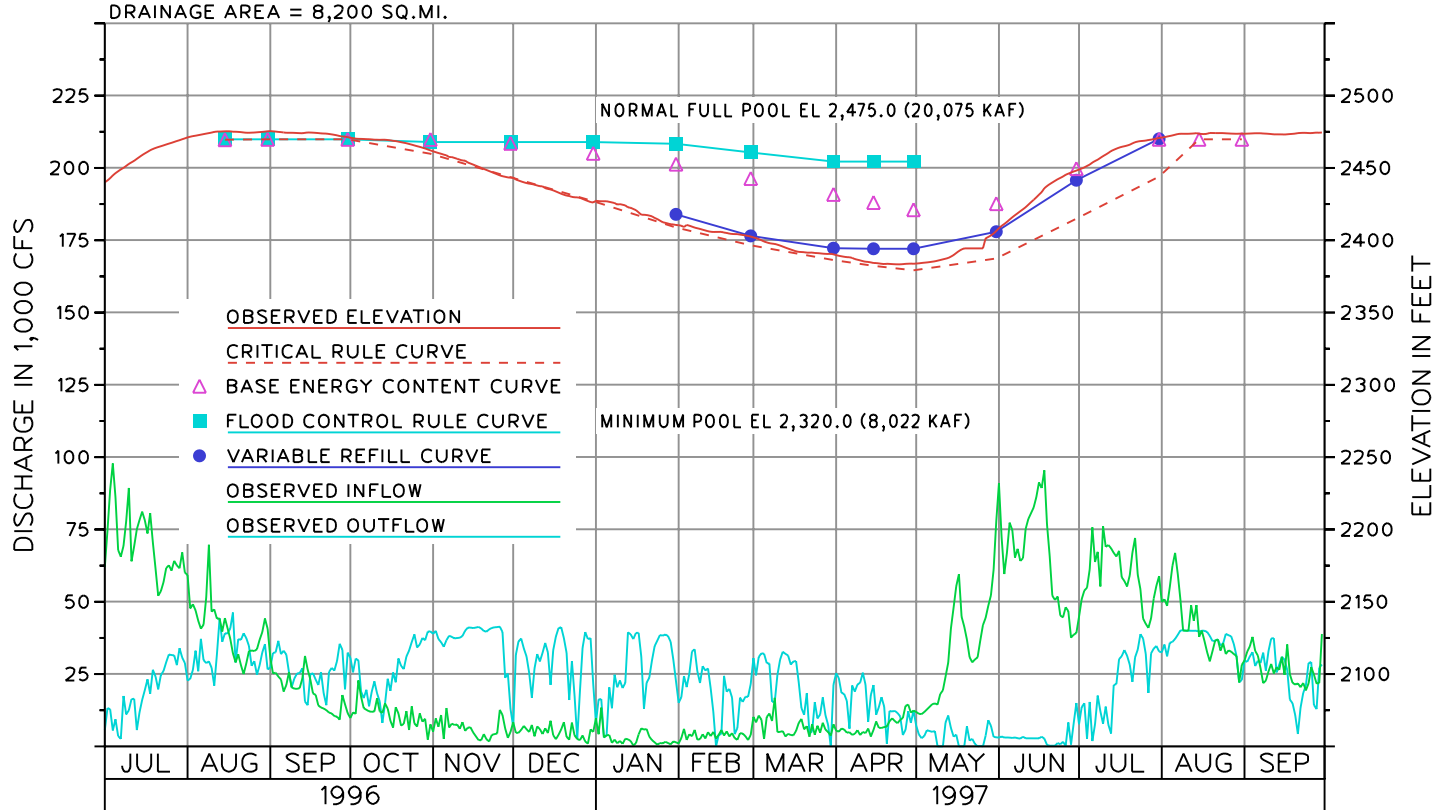
WINTER SEASON CHART 2
TEMPERATURE AND PRECIPITATION INDEX 1996-1997
WESTERN OREGON



WINTER SEASON CHART 3
TEMPERATURE AND PRECIPITATION INDEX 1996-1997
COLUMBIA RIVER BASIN ABOVE THE DALLES, OR

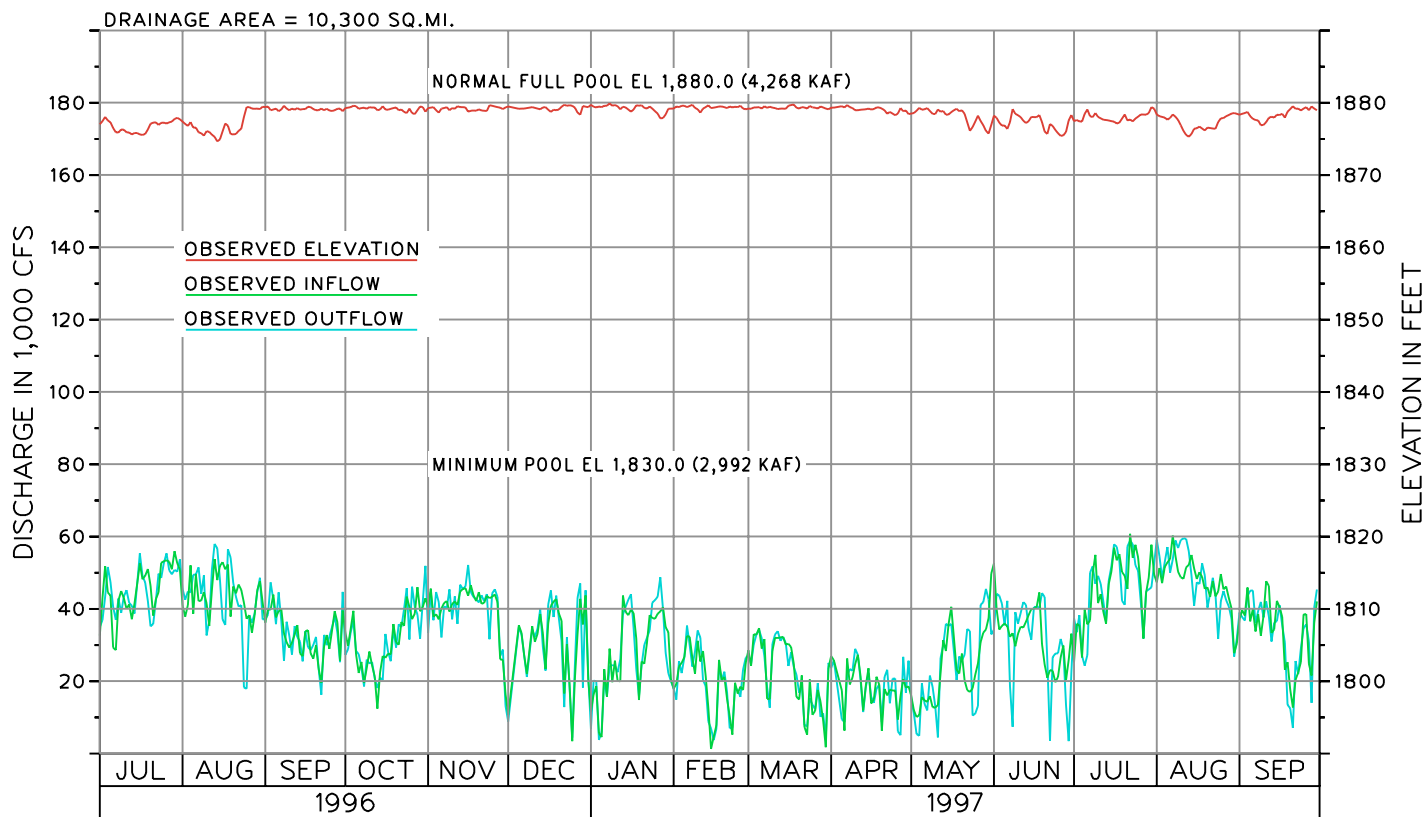


1997 SNOWMELT SEASON CHART 4
TEMPERATURE AND PRECIPITATION INDEX
COLUMBIA RIVER BASIN ABOVE THE DALLES, OR



STORAGE AND STREAMFLOW HYDROGRAPHS 1996 - 1997
COLUMBIA RIVER AT MICA PROJECT, BRITISH COLUMBIA

Chart 5



STORAGE AND STREAMFLOW HYDROGRAPHS 1996 - 1997
COLUMBIA RIVER AT REVELSTOKE PROJECT, BRITISH COLUMBIA

Chart 6

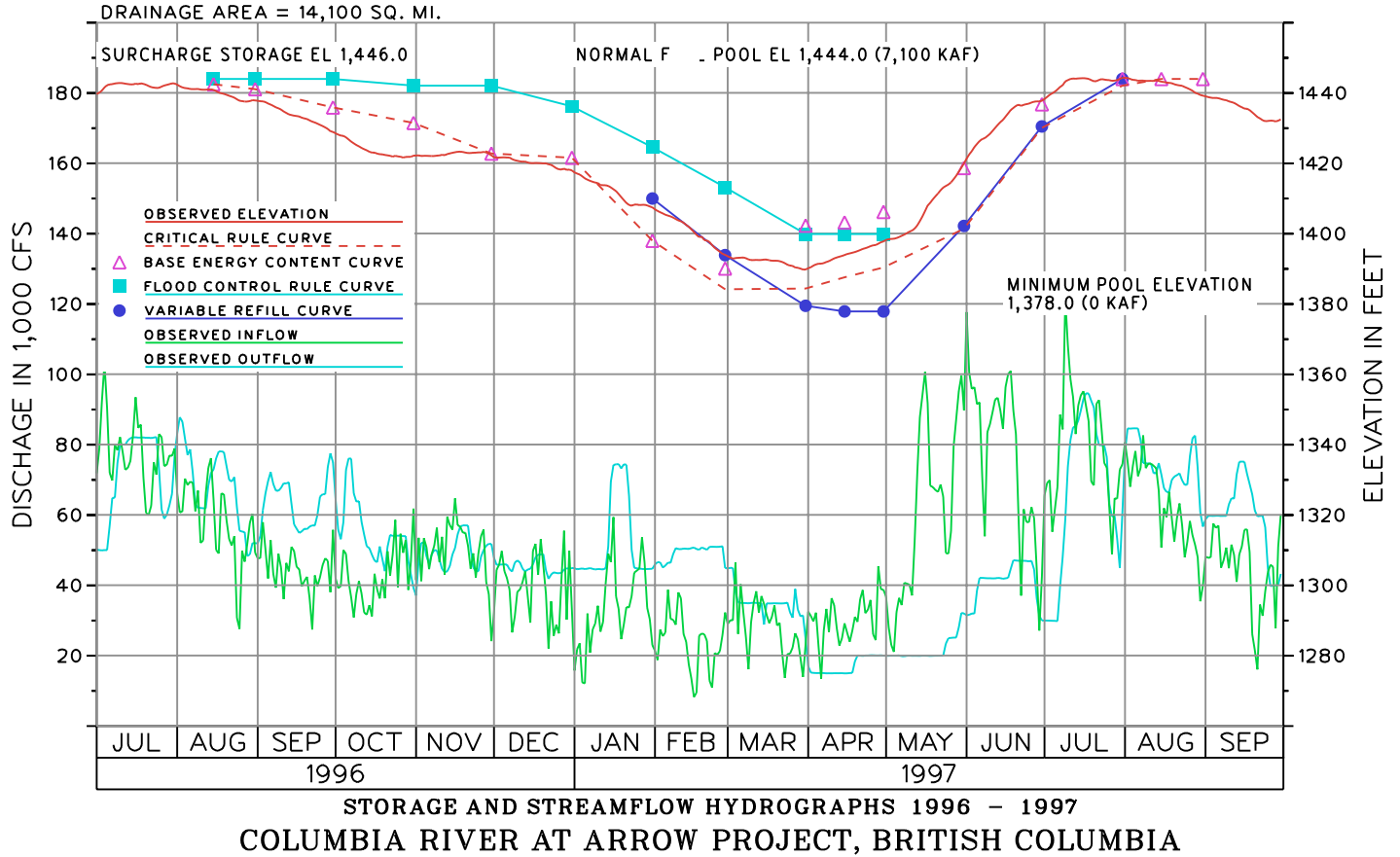


Chart 7

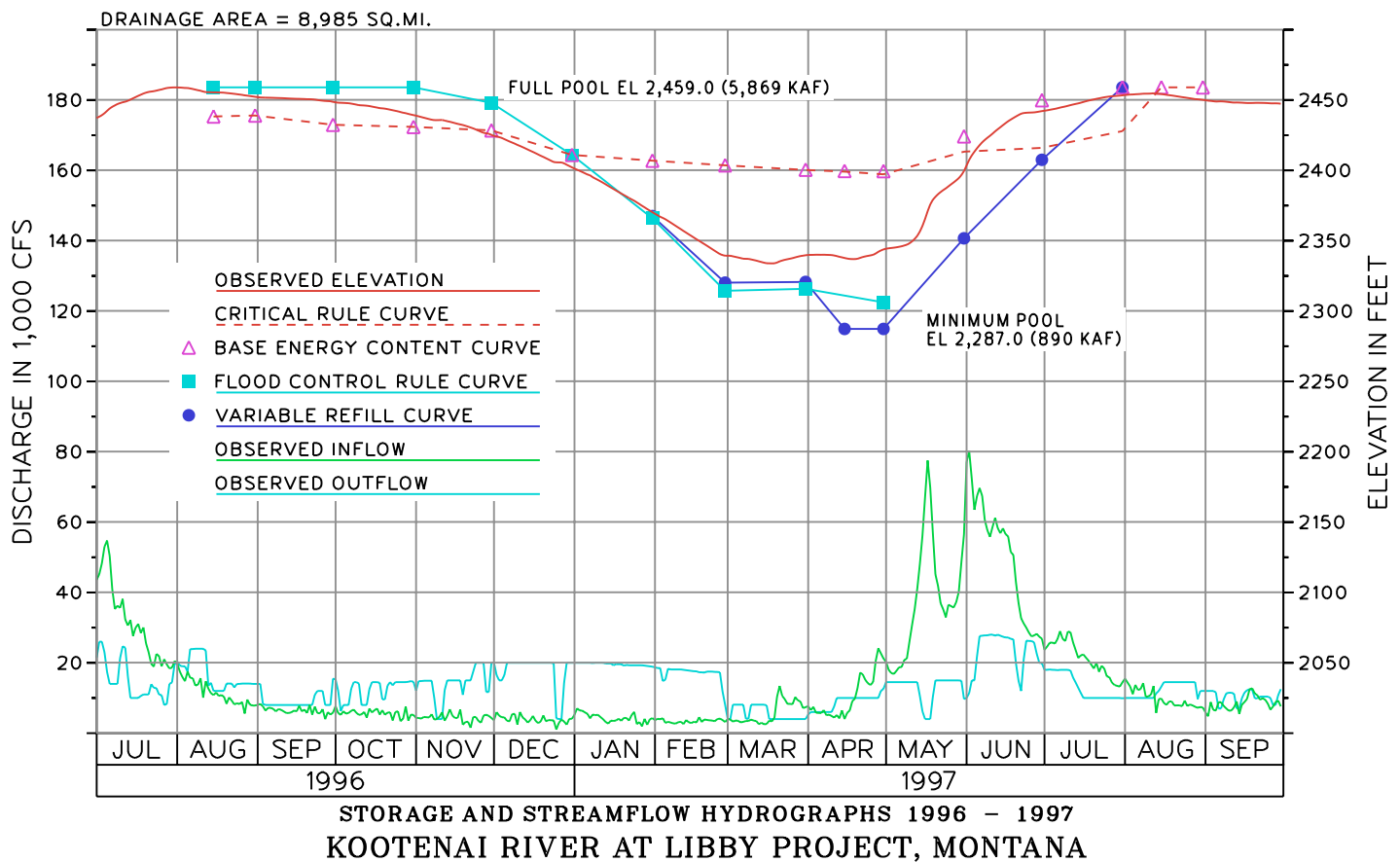


Chart 8

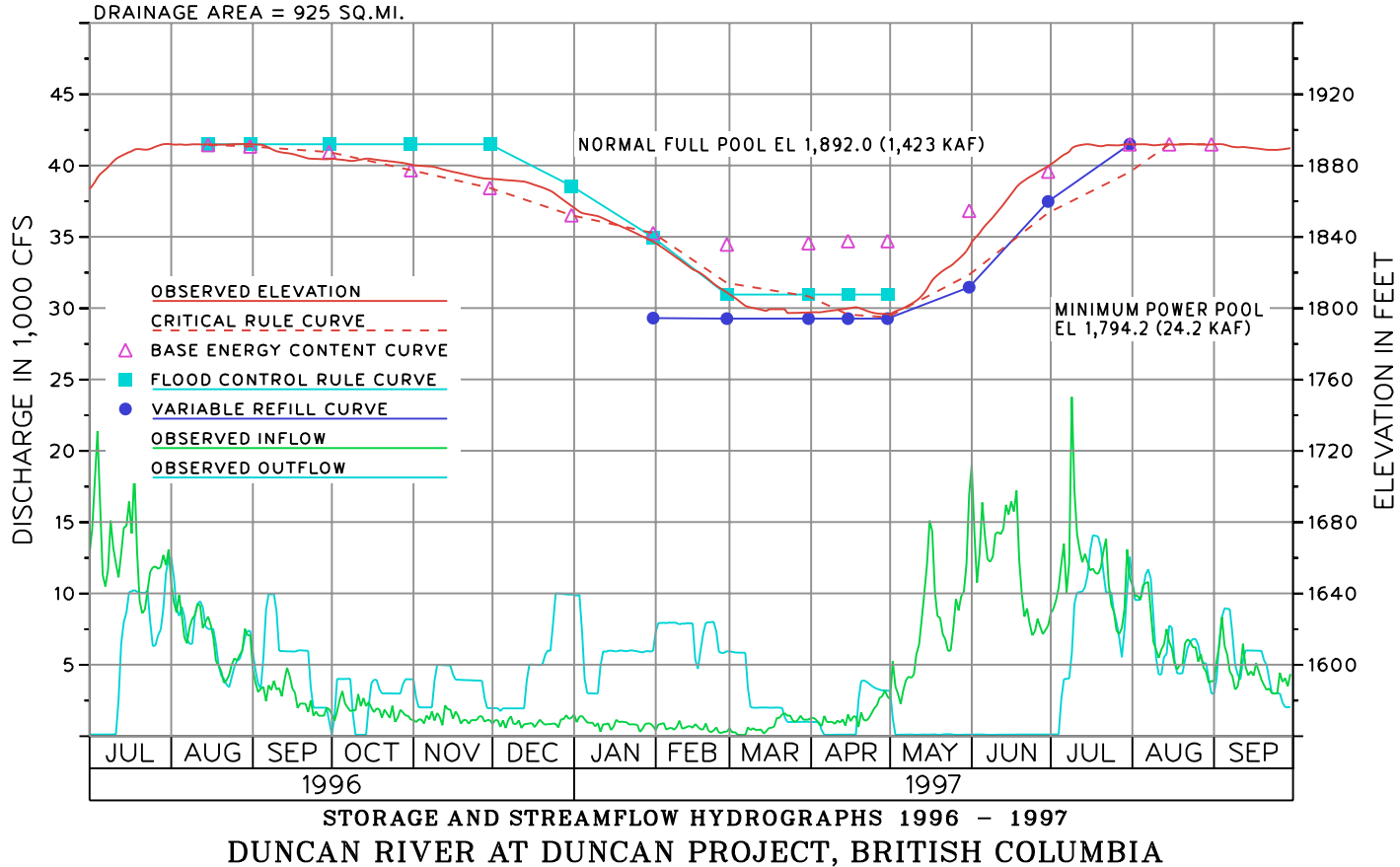


Chart 9

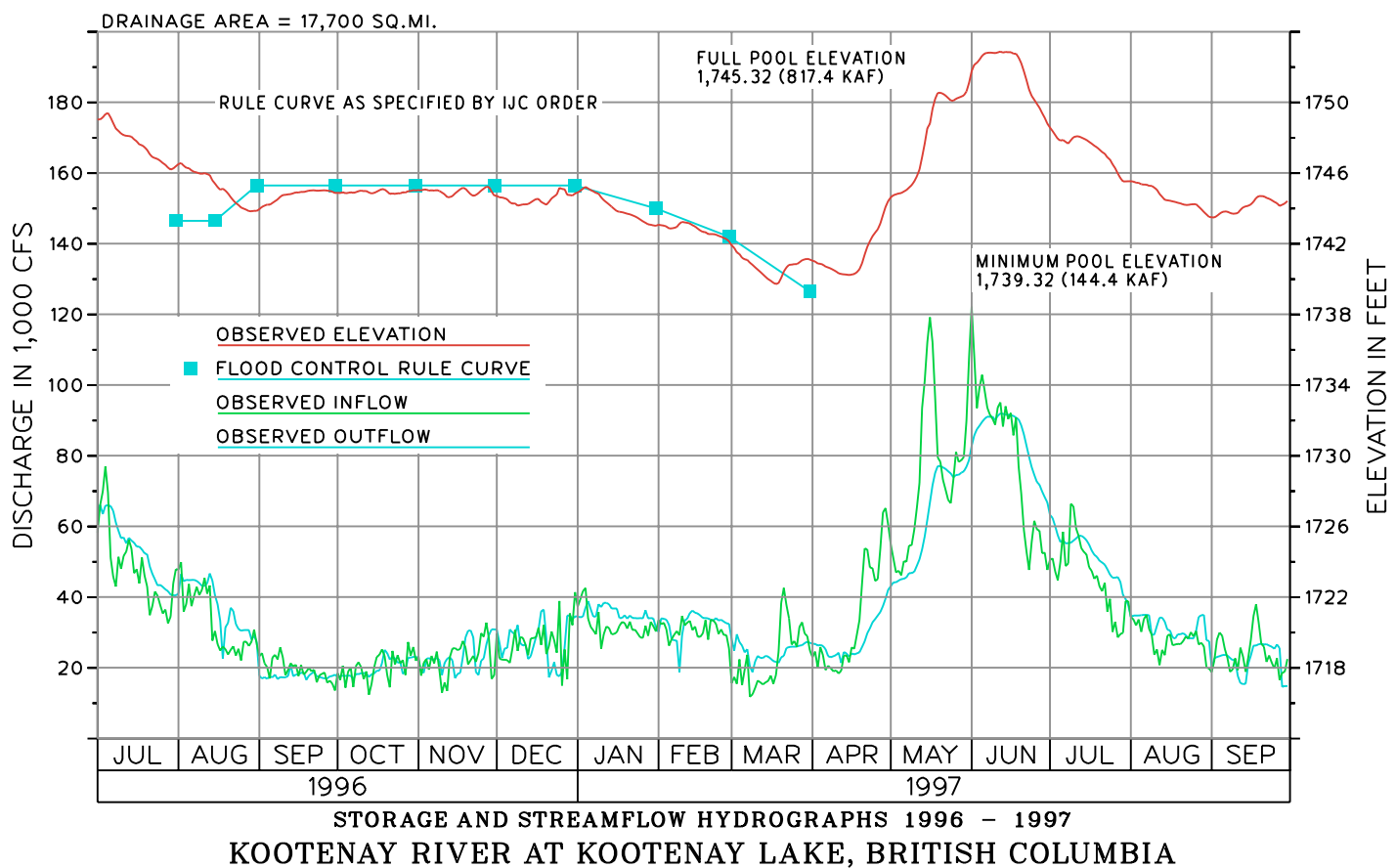
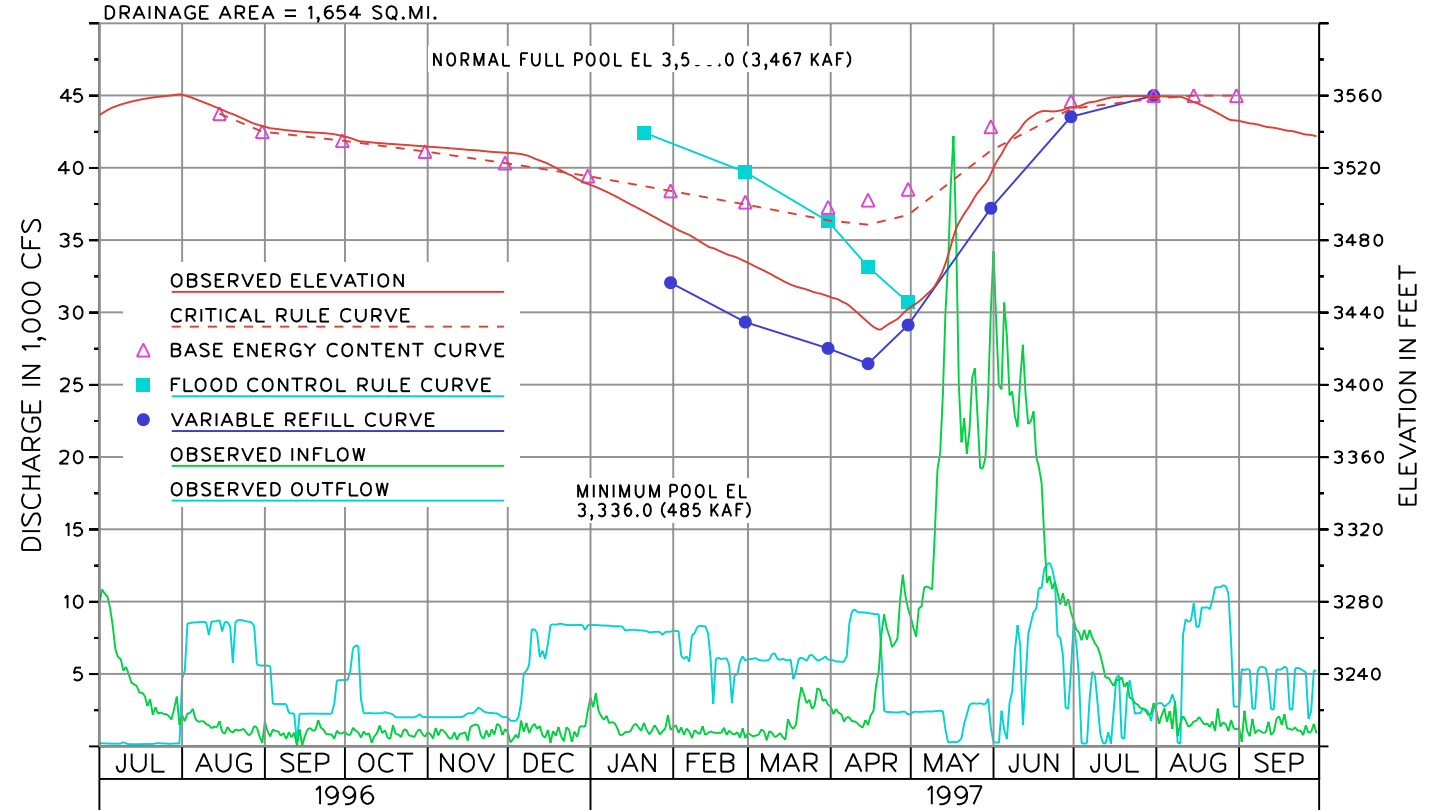


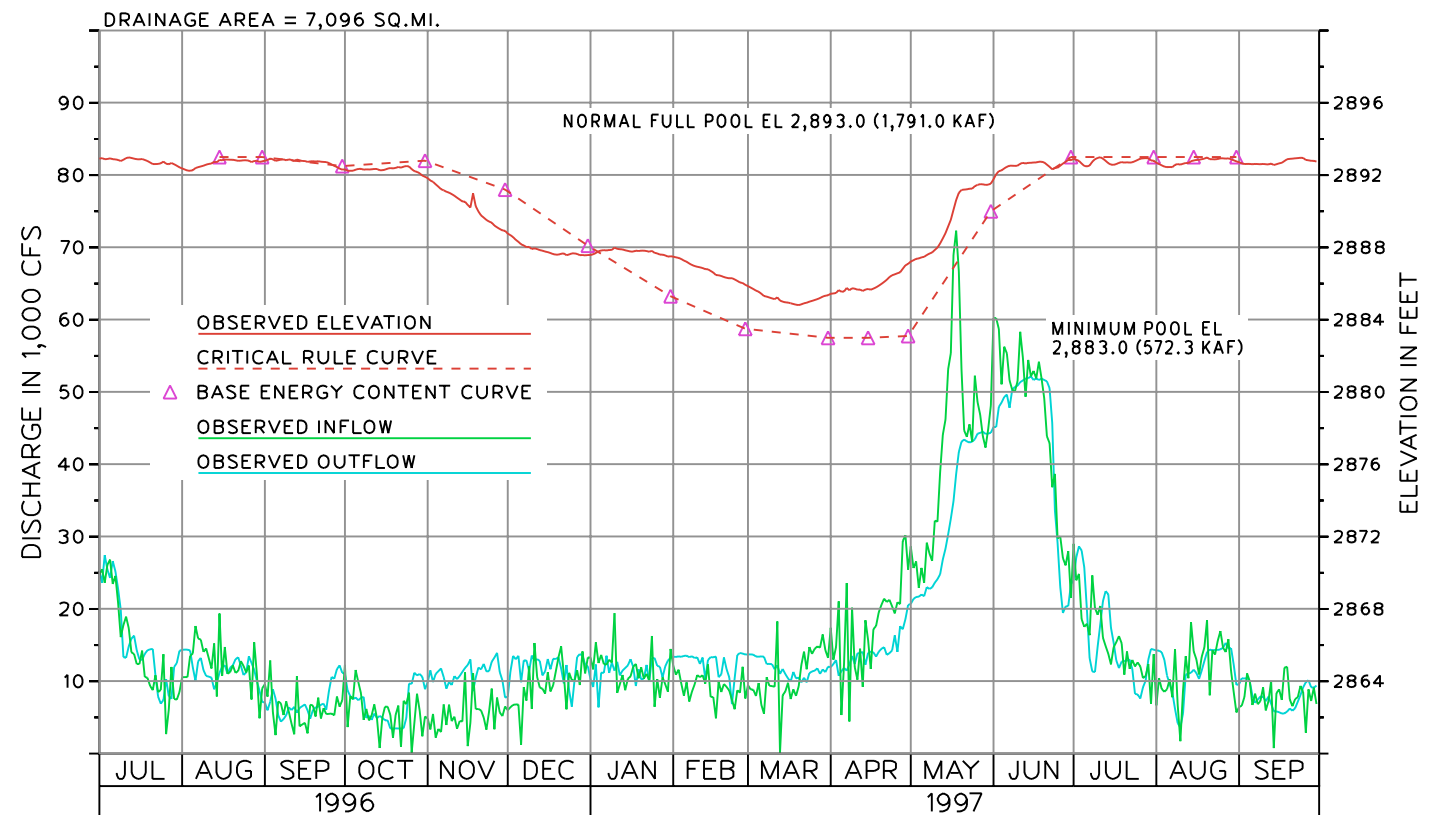
Chart 10



STORAGE AND STREAMFLOW HYDROGRAPHS 1996 - 1997

SOUTH FORK FLATHEAD RIVER AT HUNGRY HORSE PROJECT, MONTANA

Chart 11



STORAGE AND STREAMFLOW HYDROGRAPHS 1996 - 1997

FLATHEAD RIVER AT FLATHEAD LAKE, MONTANA

Chart 12

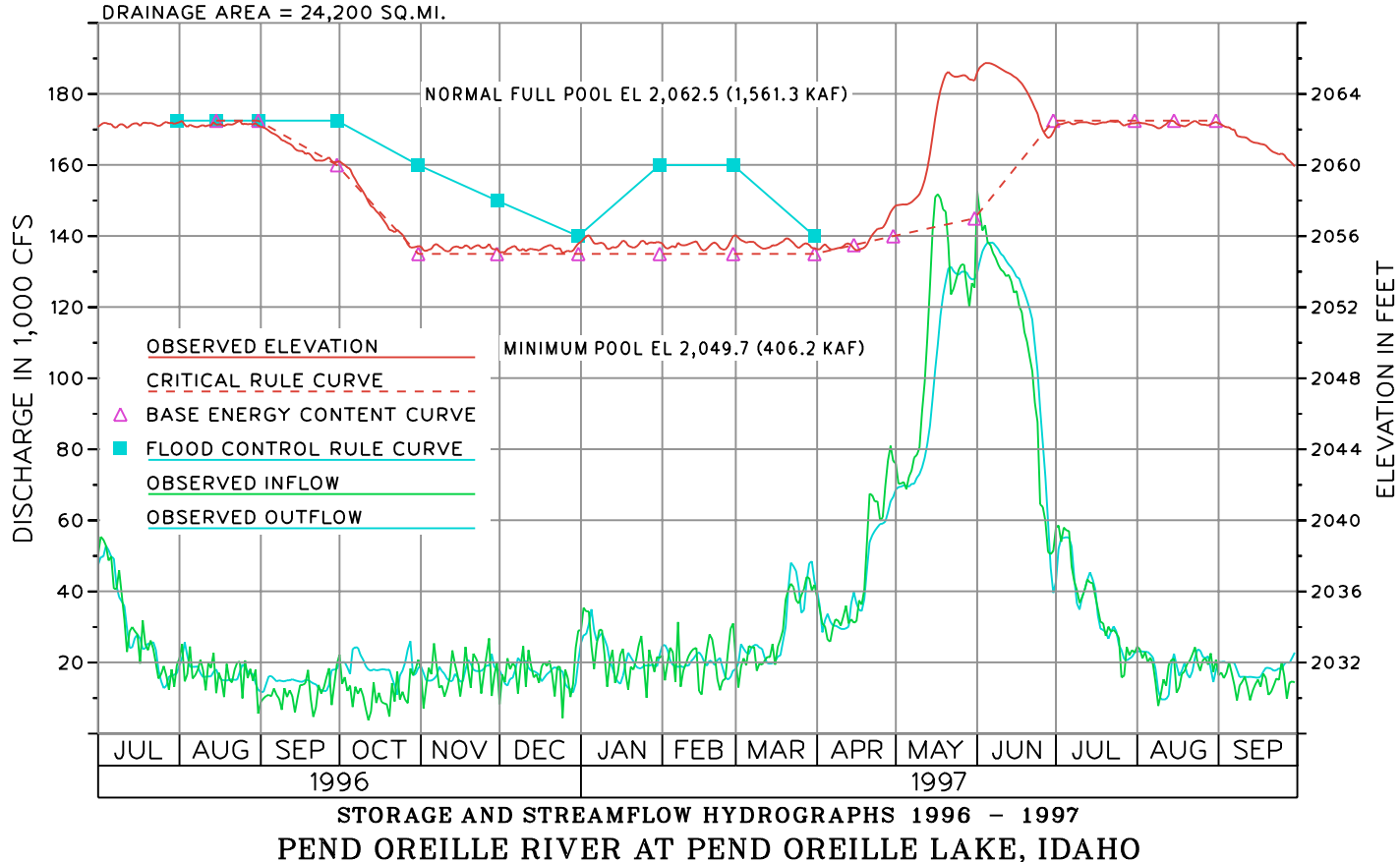


Chart 13

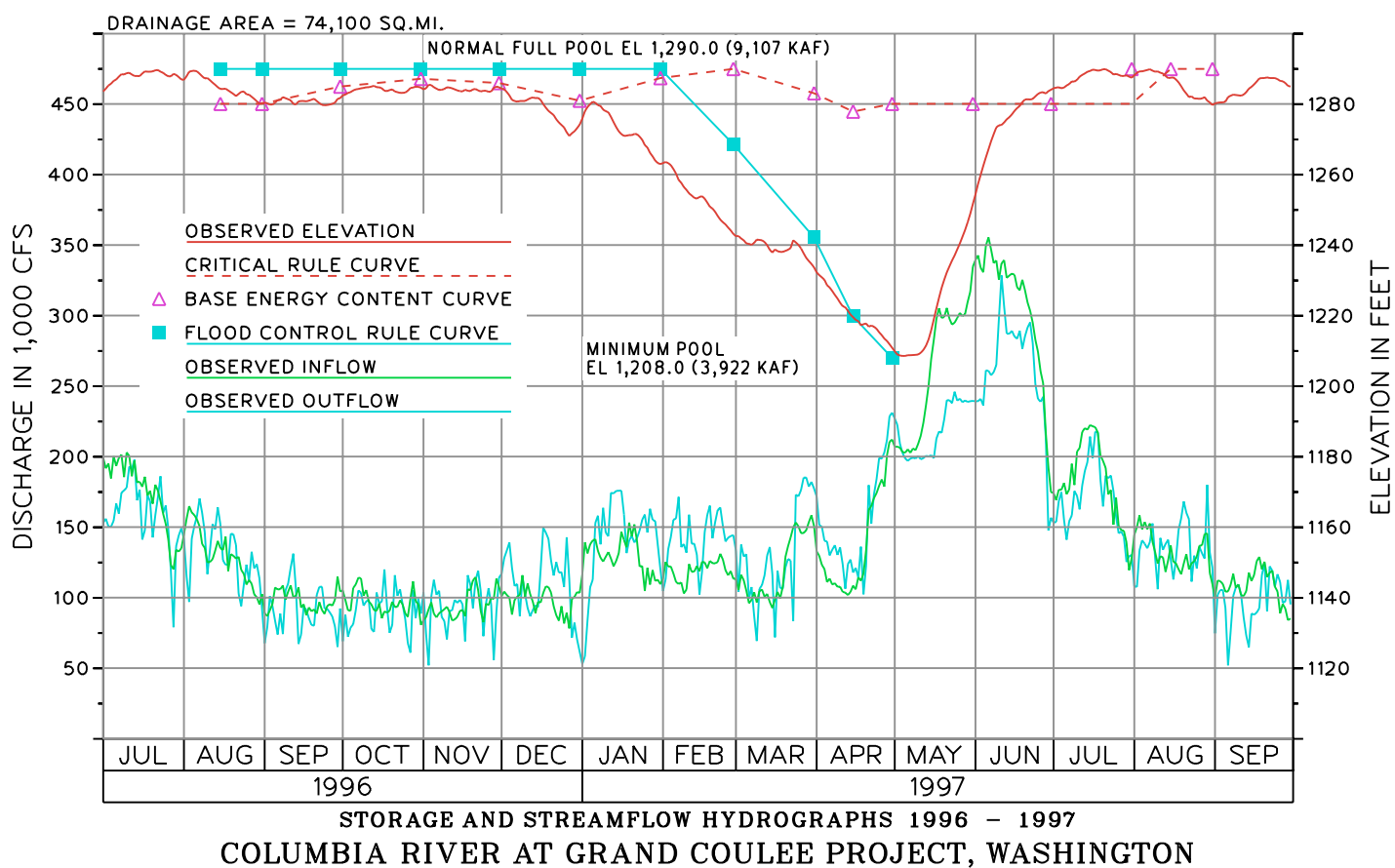
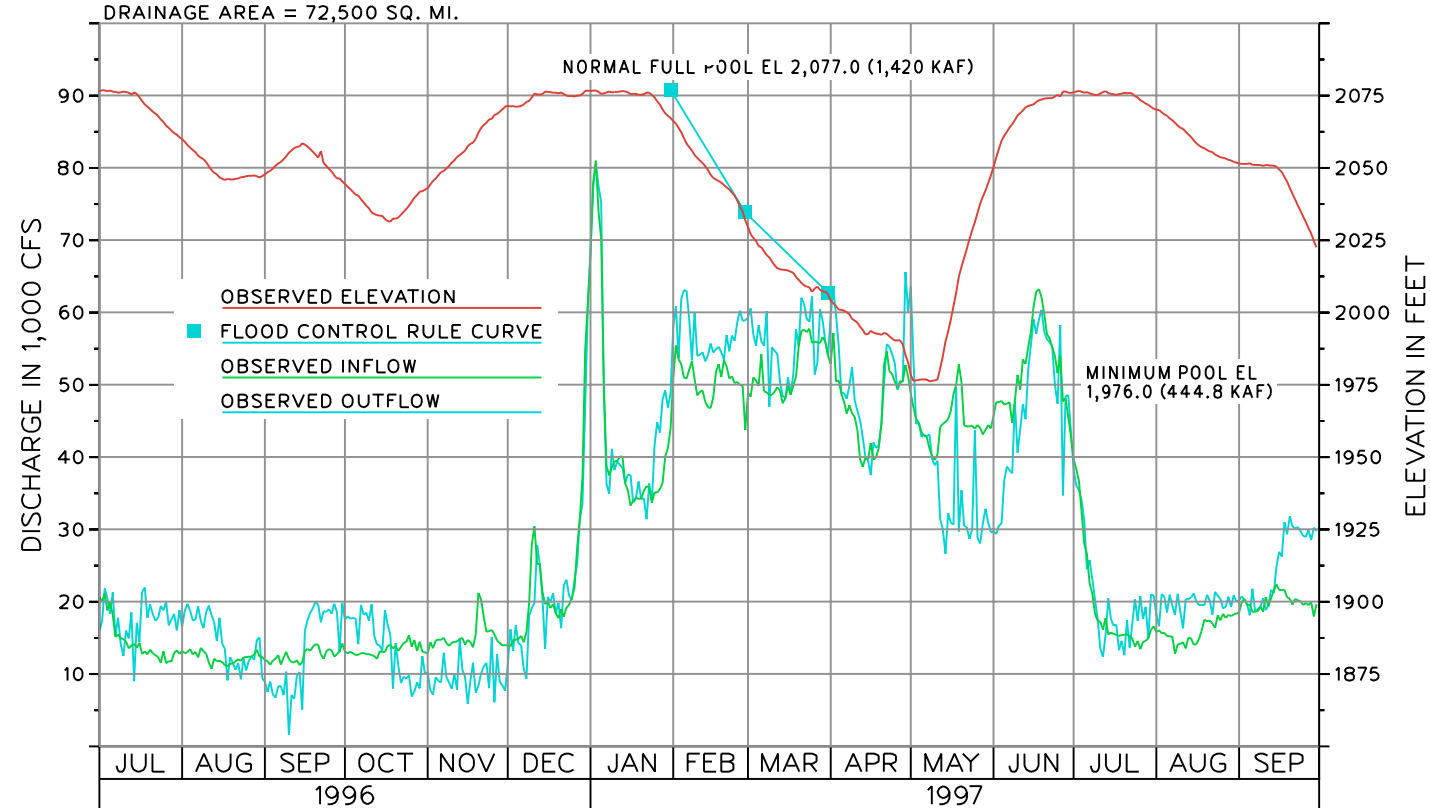
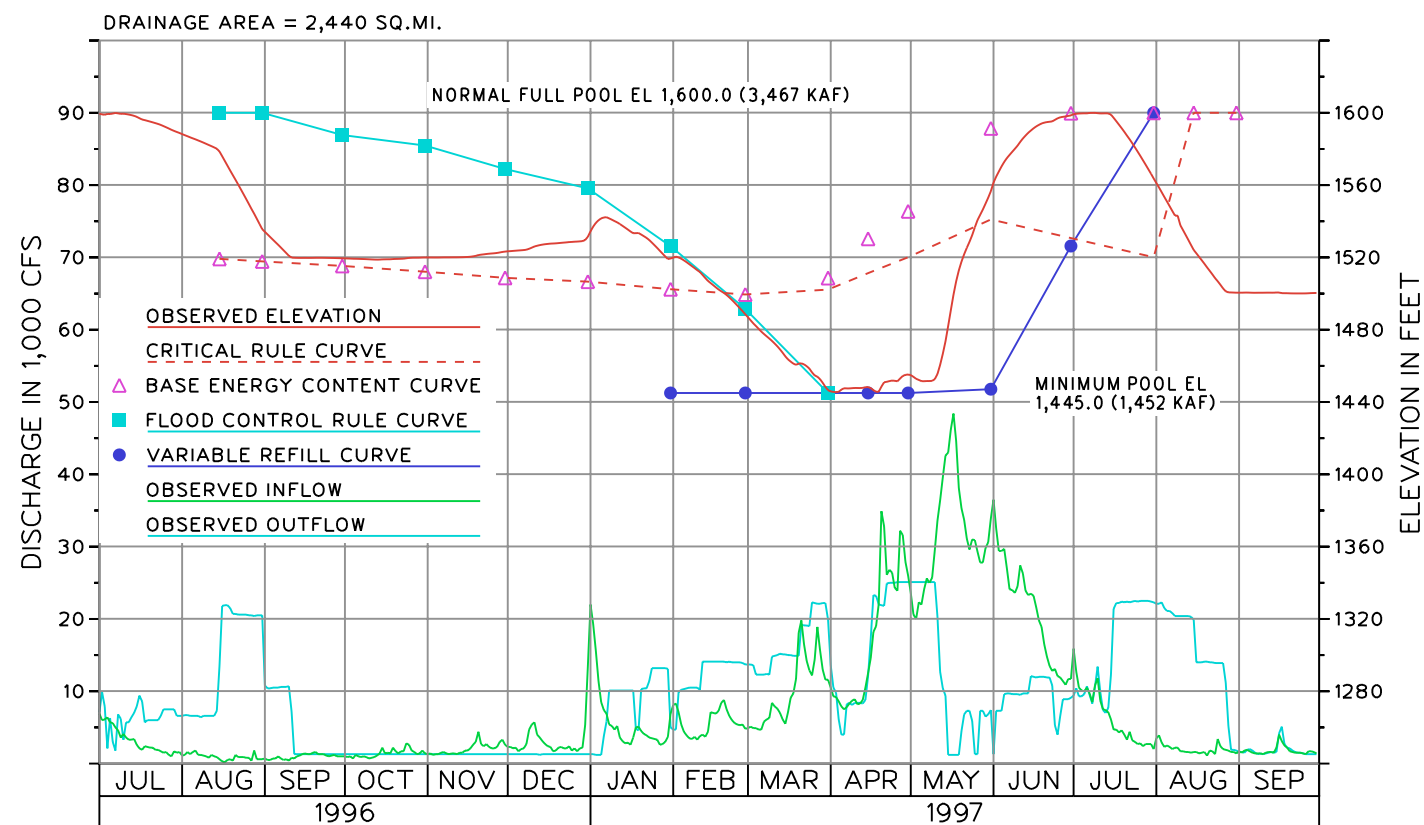


Chart 14



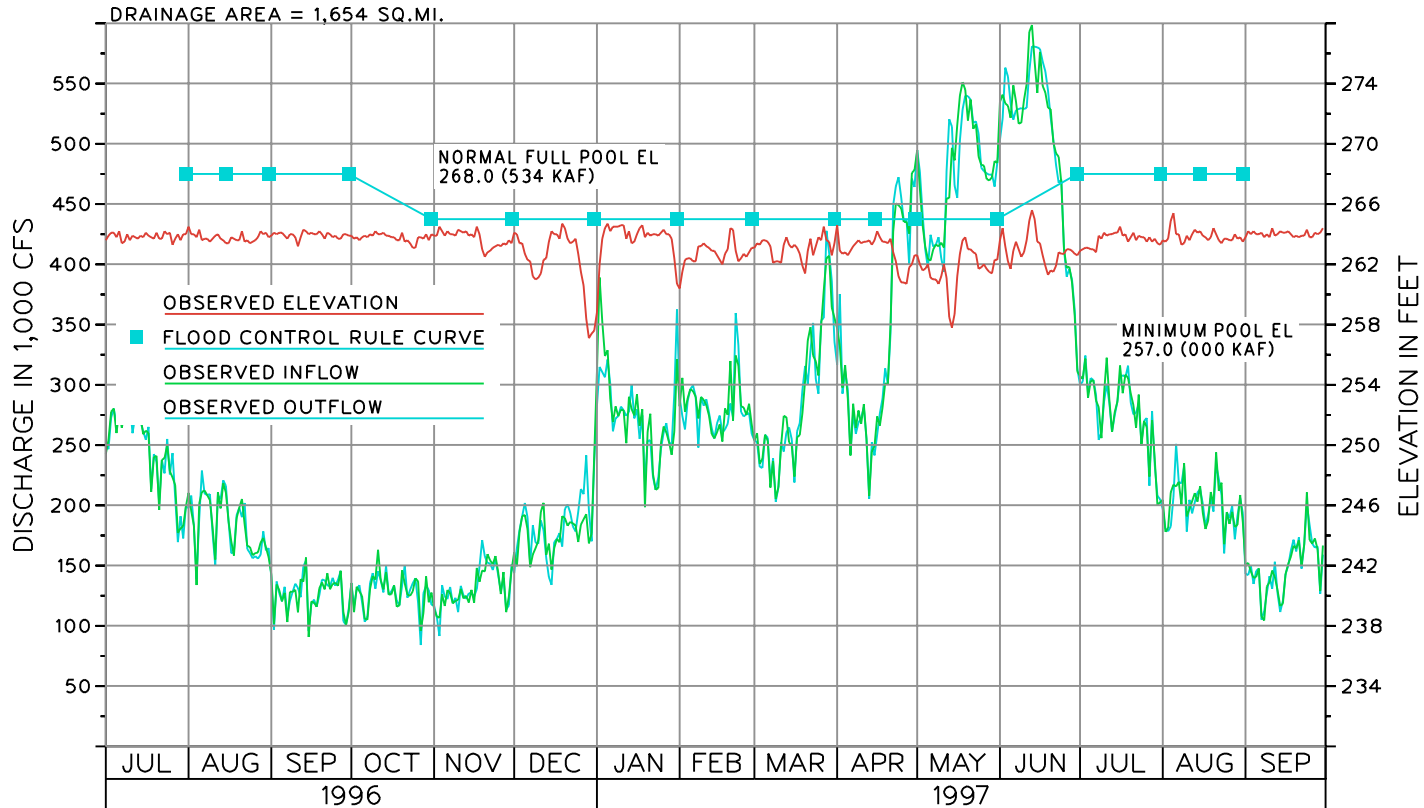
**STORAGE AND STREAMFLOW HYDROGRAPHS 1996 - 1997
 SNAKE RIVER AT BROWNLEE PROJECT, IDAHO - OREGON**

Chart 15



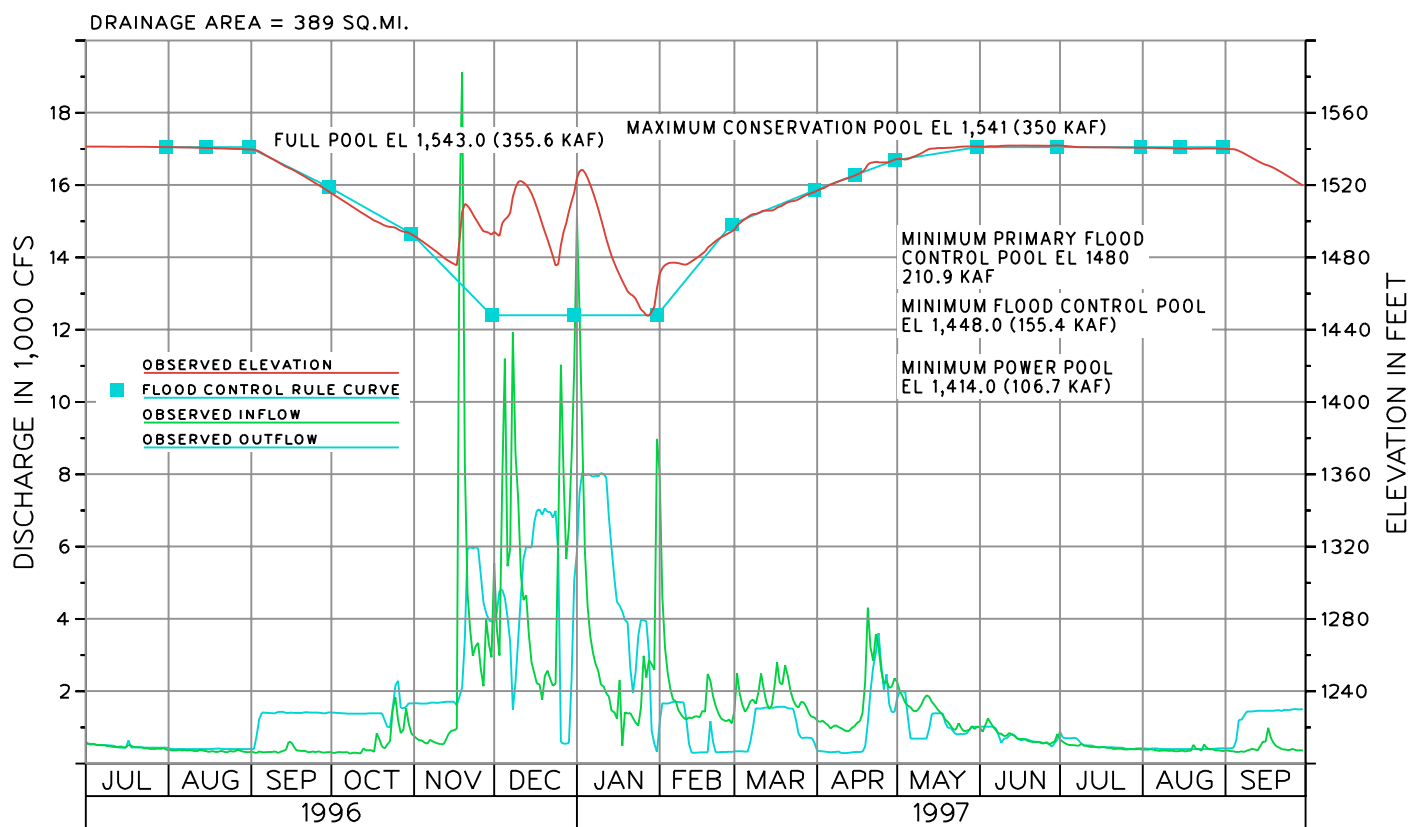
**STORAGE AND STREAMFLOW HYDROGRAPHS 1996 - 1997
 NORTH FORK CLEARWATER RIVER AT DWORSHAK PROJECT, IDAHO**

Chart 16



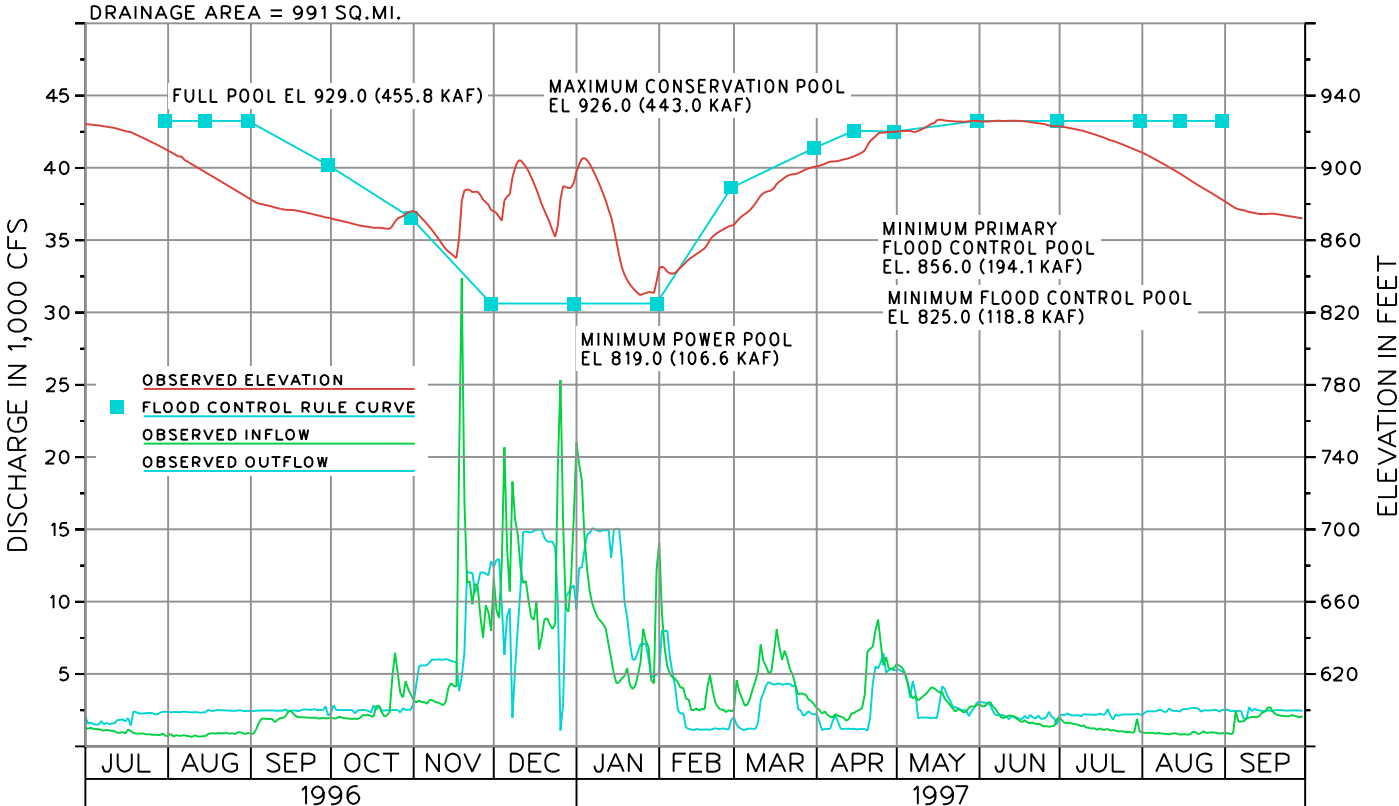
STORAGE AND STREAMFLOW HYDROGRAPHS 1996 - 1997
COLUMBIA RIVER AT JOHN DAY PROJECT, OREGON - WASHINGTON

Chart 17

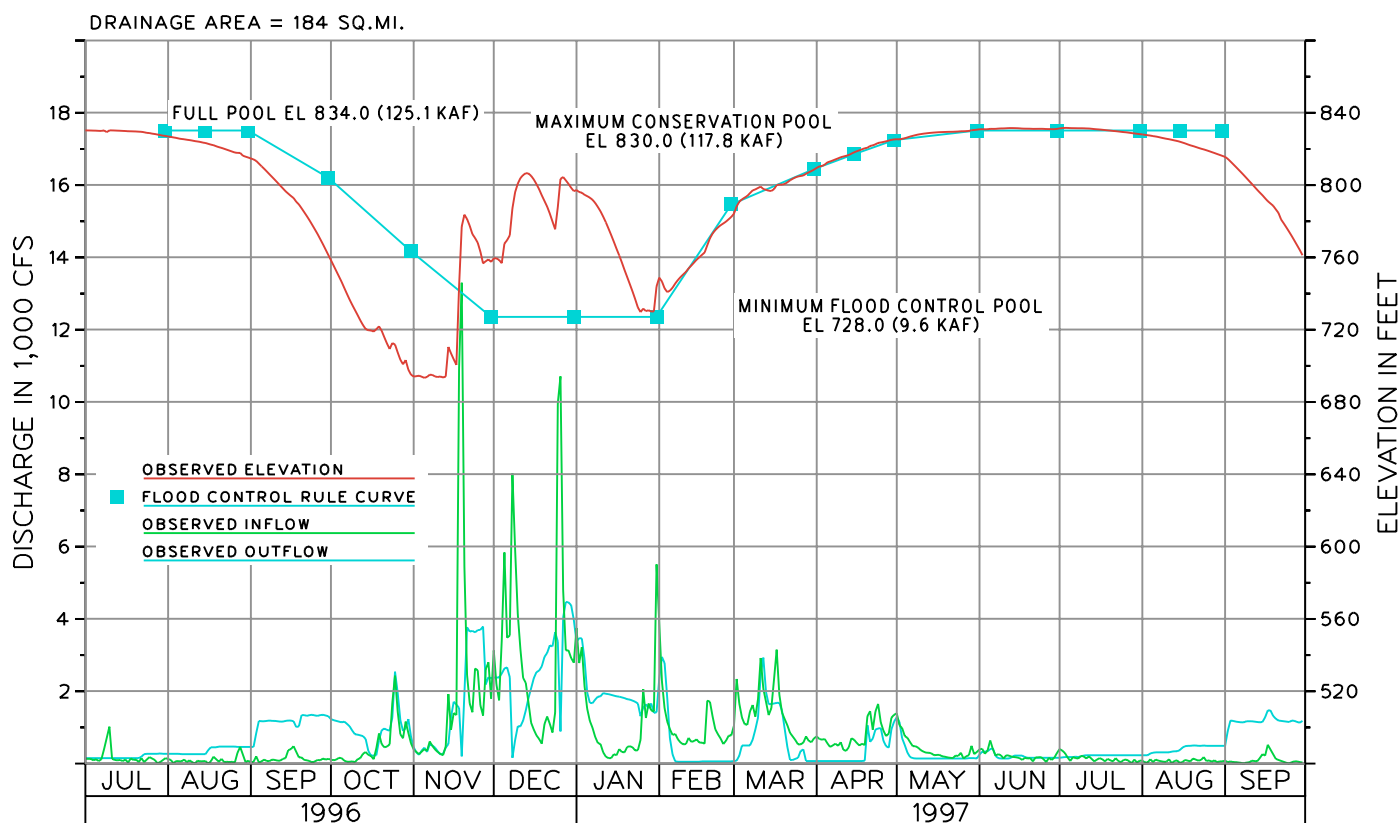


STORAGE AND STREAMFLOW HYDROGRAPHS 1996 - 1997
MIDDLE FORK WILLAMETTE RIVER AT HILLS CREEK PROJECT, OREGON

Chart 18



STORAGE AND STREAMFLOW HYDROGRAPHS 1996 - 1997
MIDDLE FORK WILLAMETTE RIVER AT LOOKOUT POINT PROJECT, OREGON
Chart 19



STORAGE AND STREAMFLOW HYDROGRAPHS 1996 - 1997
FALL CREEK AT FALL CREEK PROJECT, OREGON

Chart 20

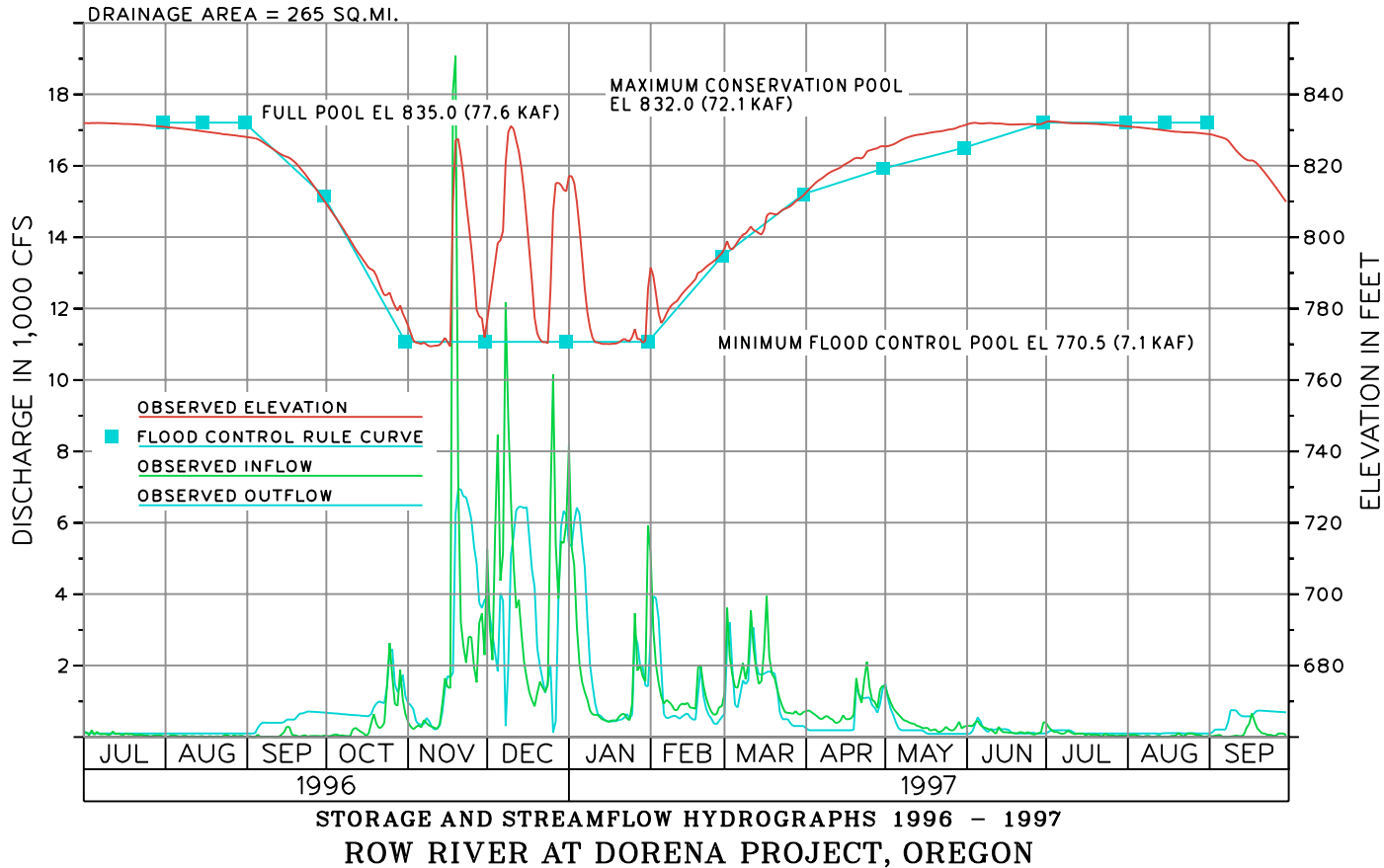


Chart 21

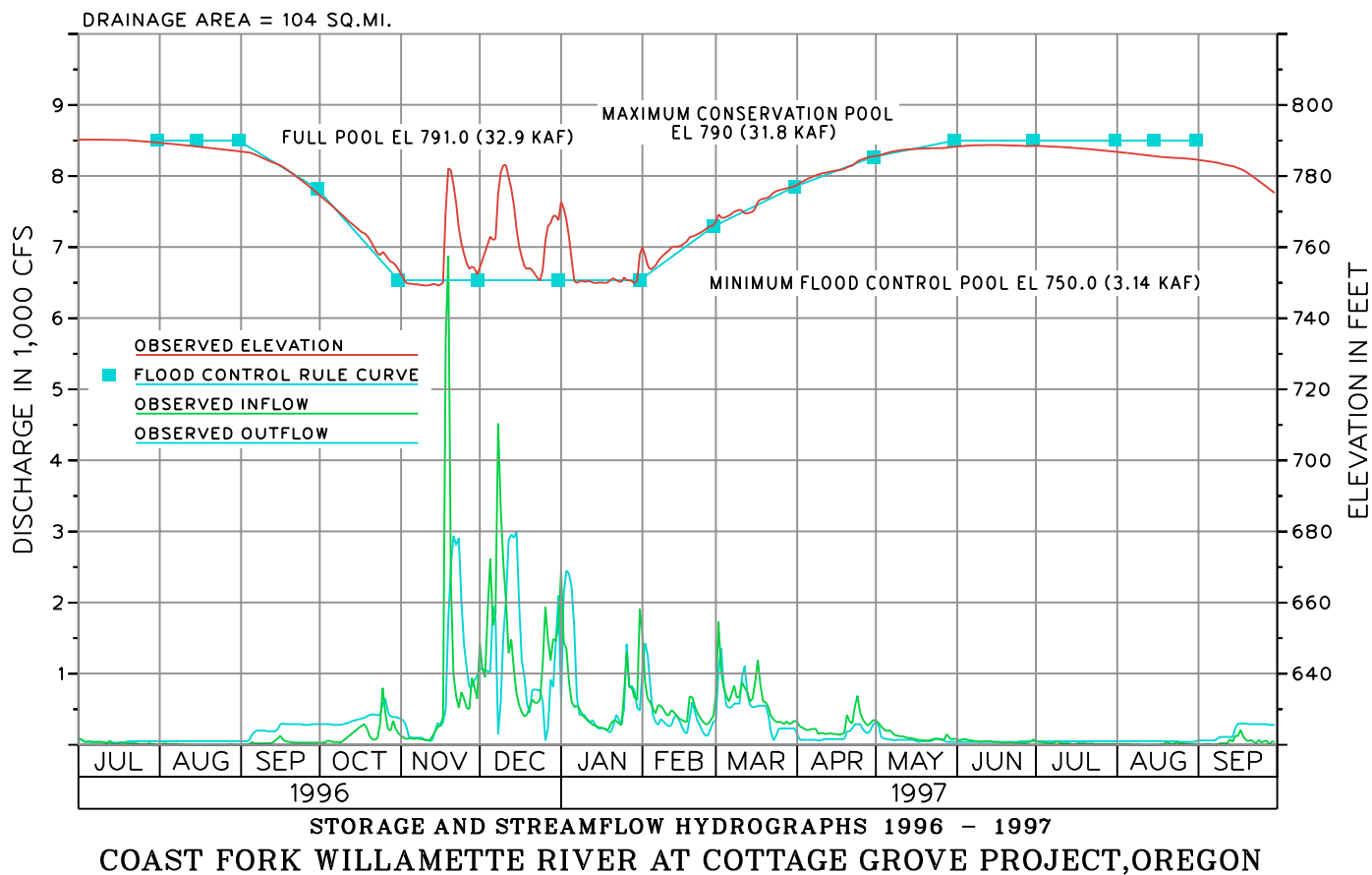


Chart 22

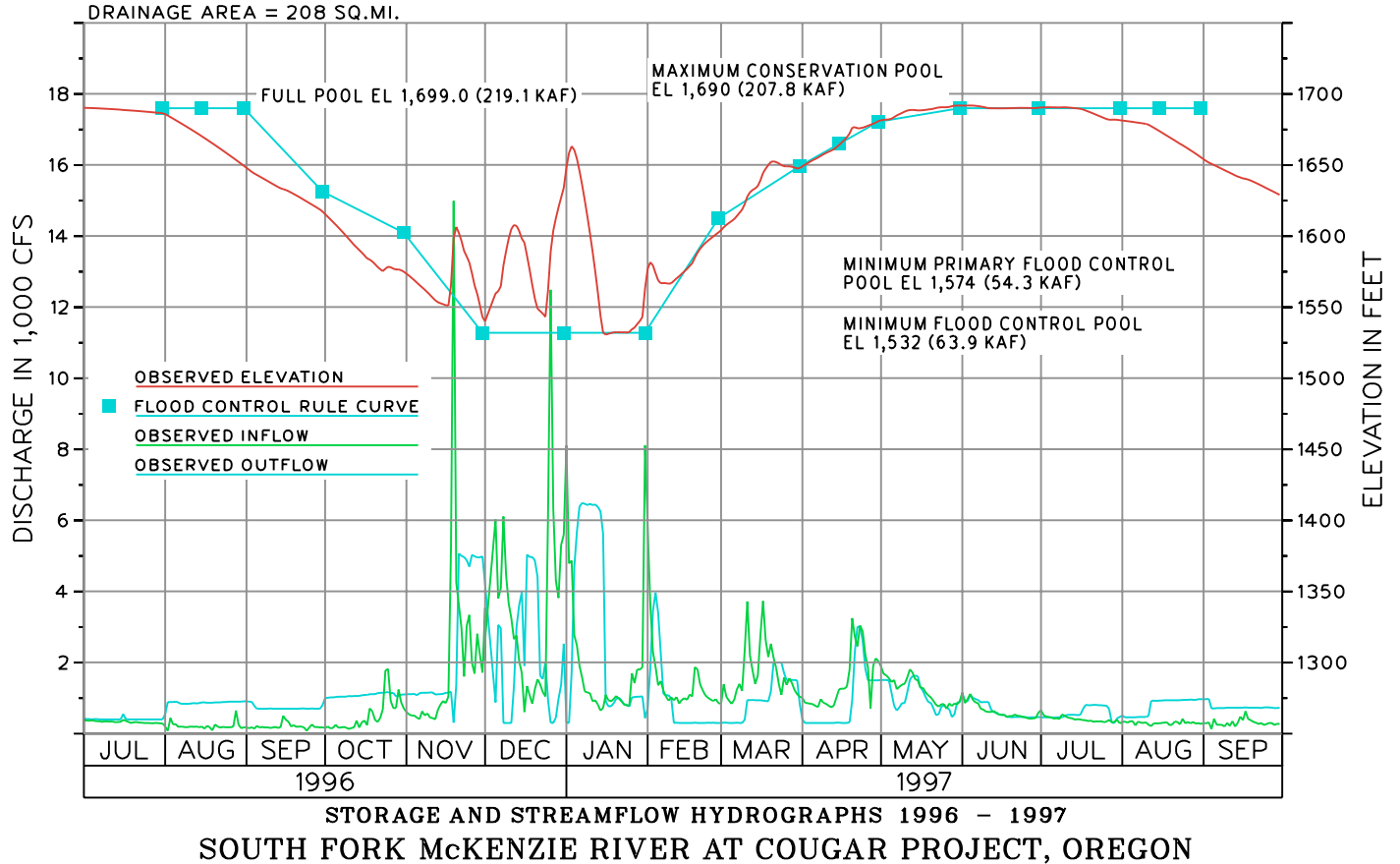


Chart 23

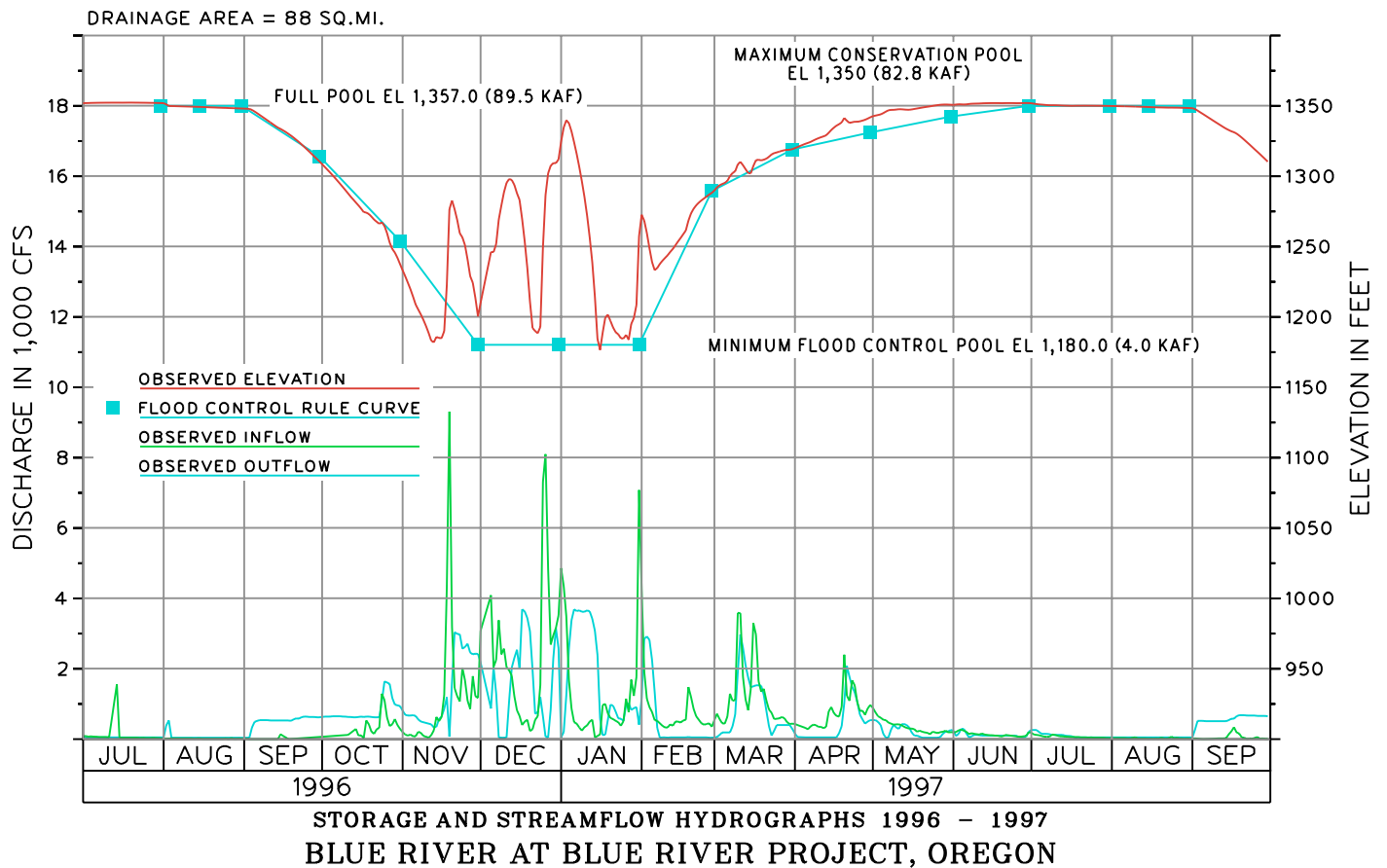
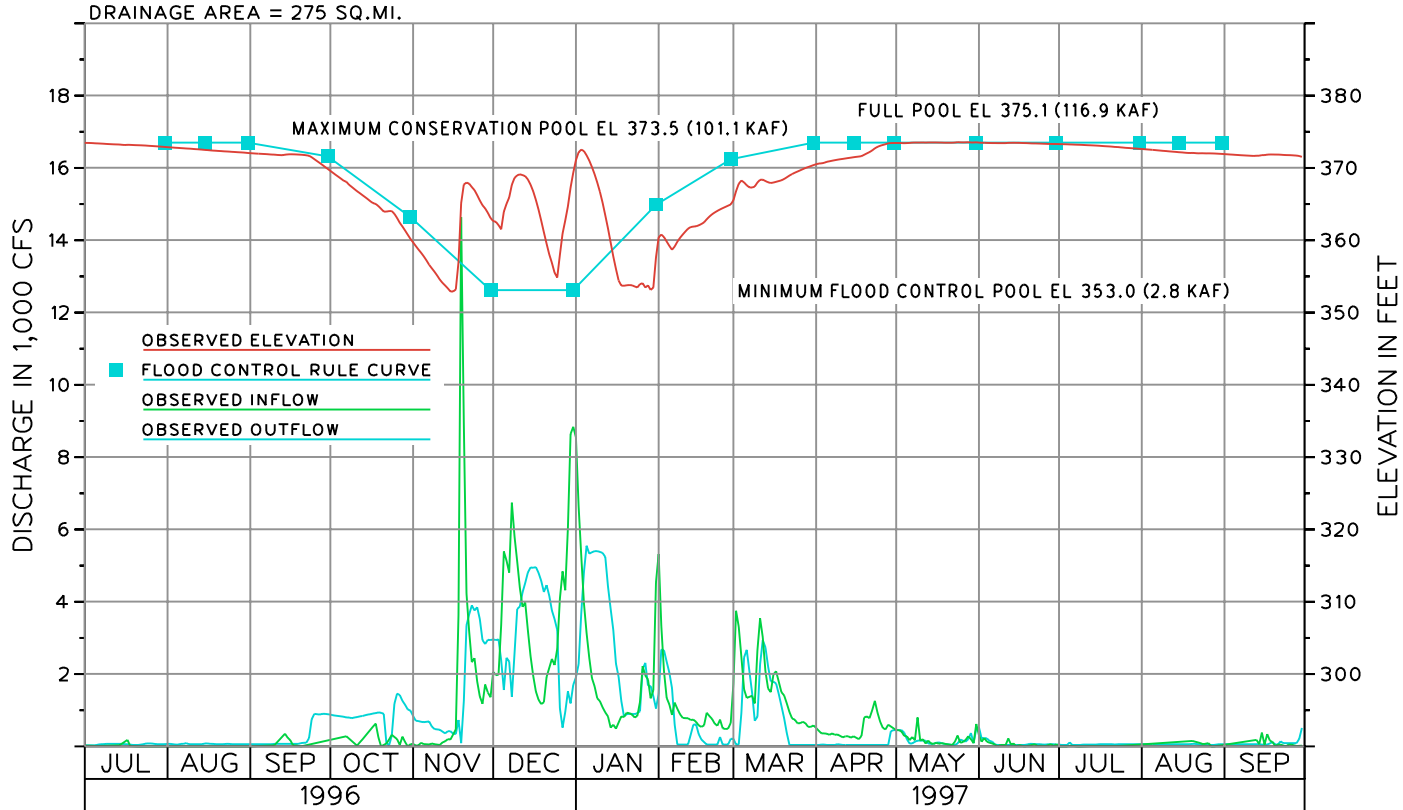
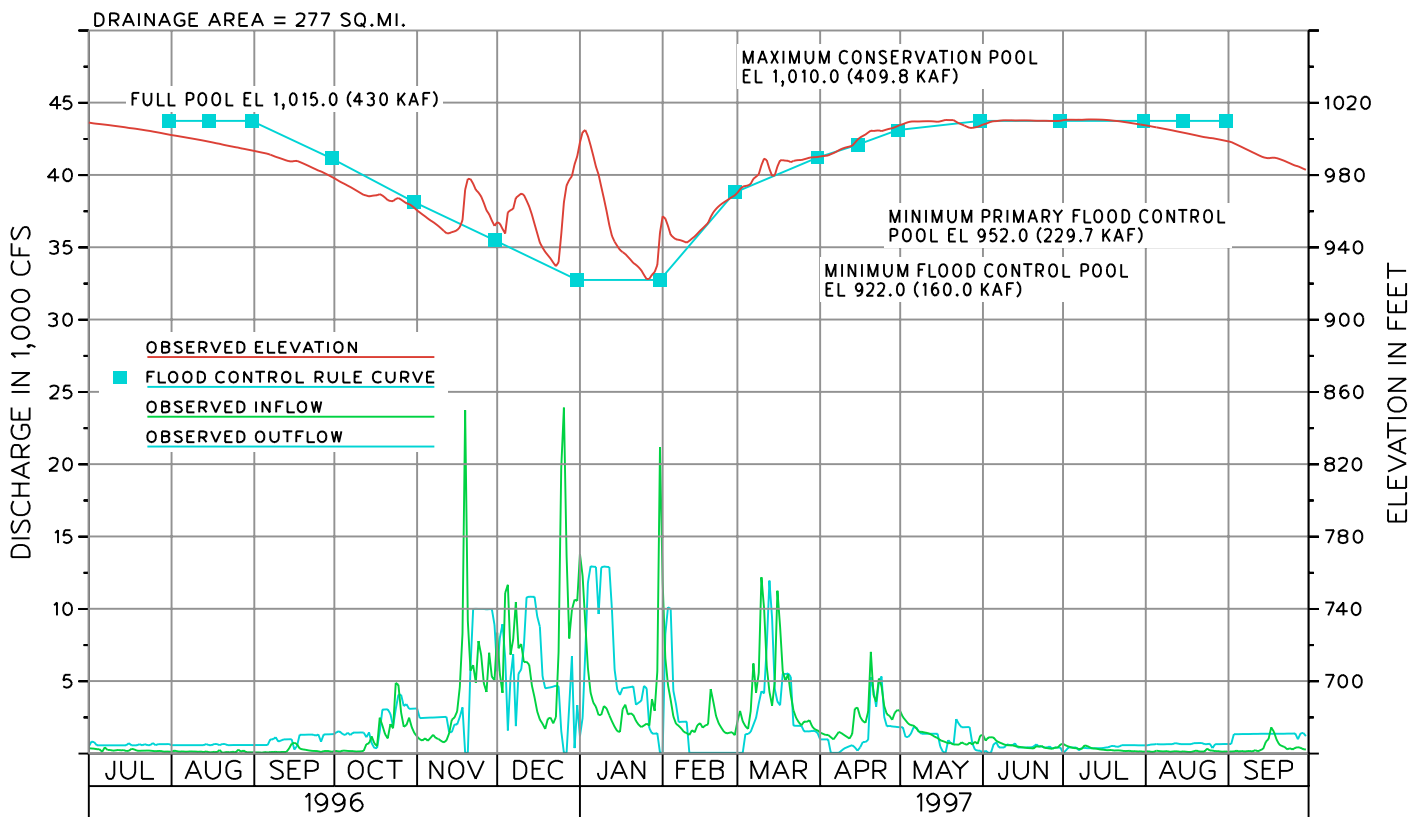


Chart 24



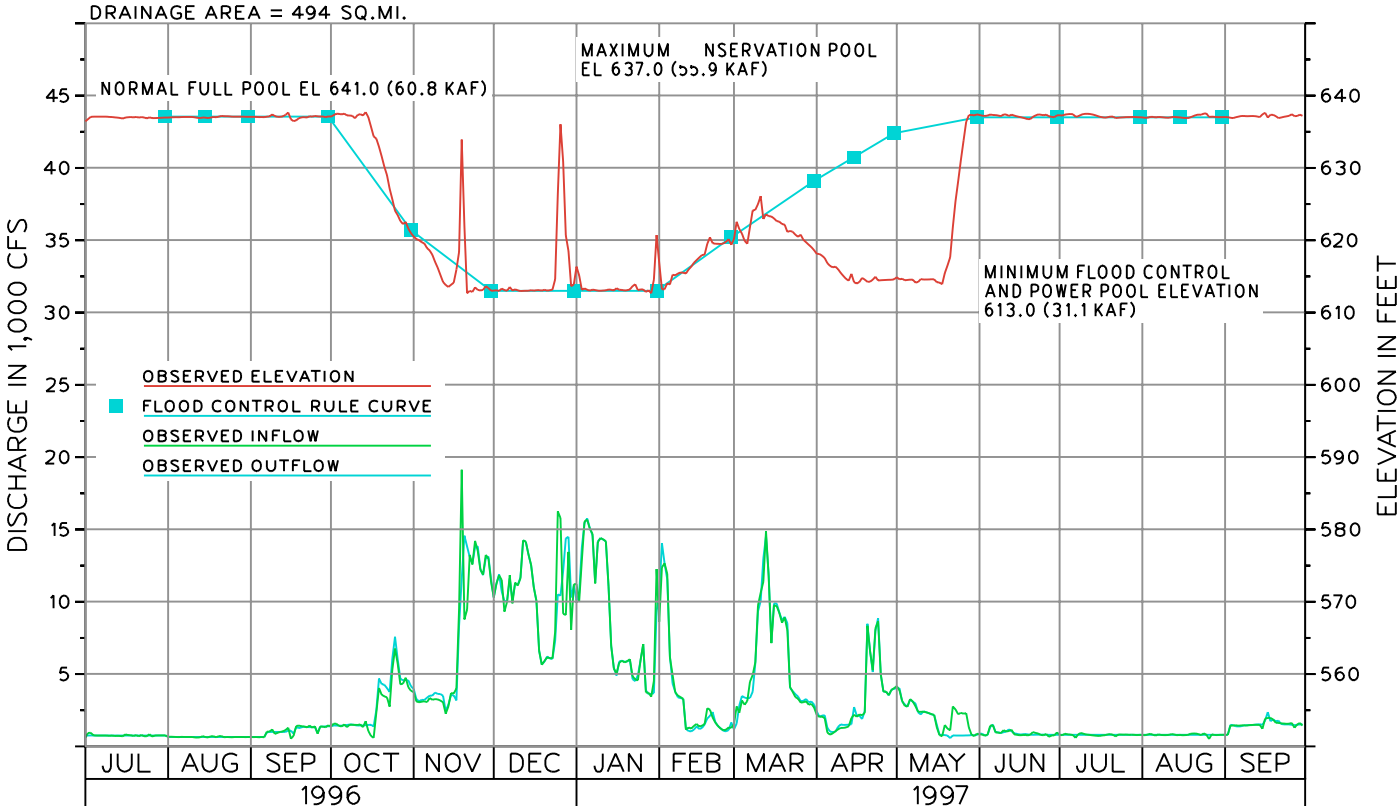
STORAGE AND STREAMFLOW HYDROGRAPHS 1996 - 1997
LONG TOM RIVER AT FERN RIDGE PROJECT, OREGON

Chart 25



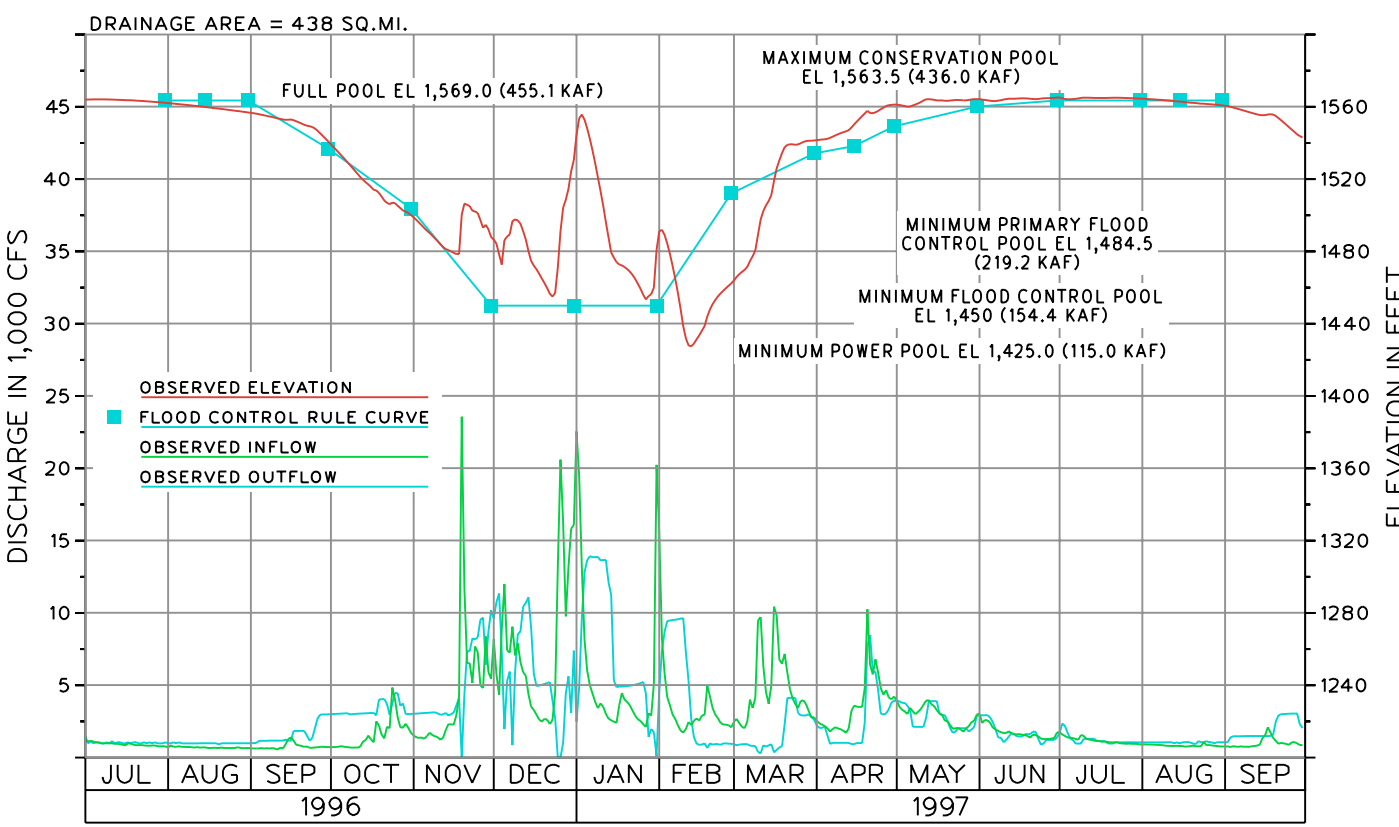
STORAGE AND STREAMFLOW HYDROGRAPHS 1996 - 1997
MIDDLE SANTIAM RIVER AT GREEN PETER PROJECT, OREGON

Chart 26



STORAGE AND STREAMFLOW HYDROGRAPHS 1996 - 1997
SOUTH SANTIAM RIVER AT FOSTER PROJECT, OREGON

Chart 27



STORAGE AND STREAMFLOW HYDROGRAPHS 1996 - 1997
NORTH SANTIAM RIVER AT DETROIT PROJECT, OREGON

Chart 28

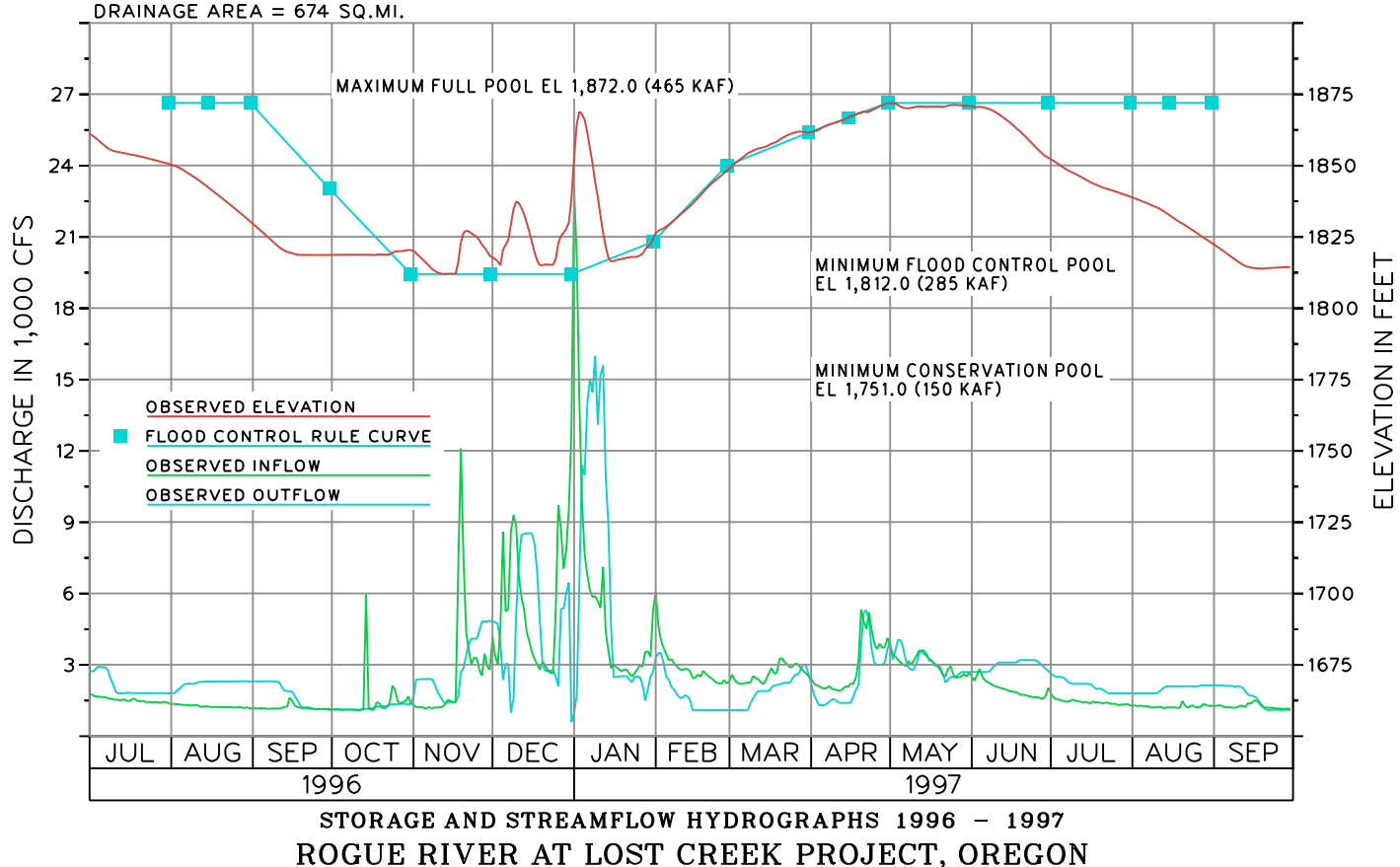


Chart 29

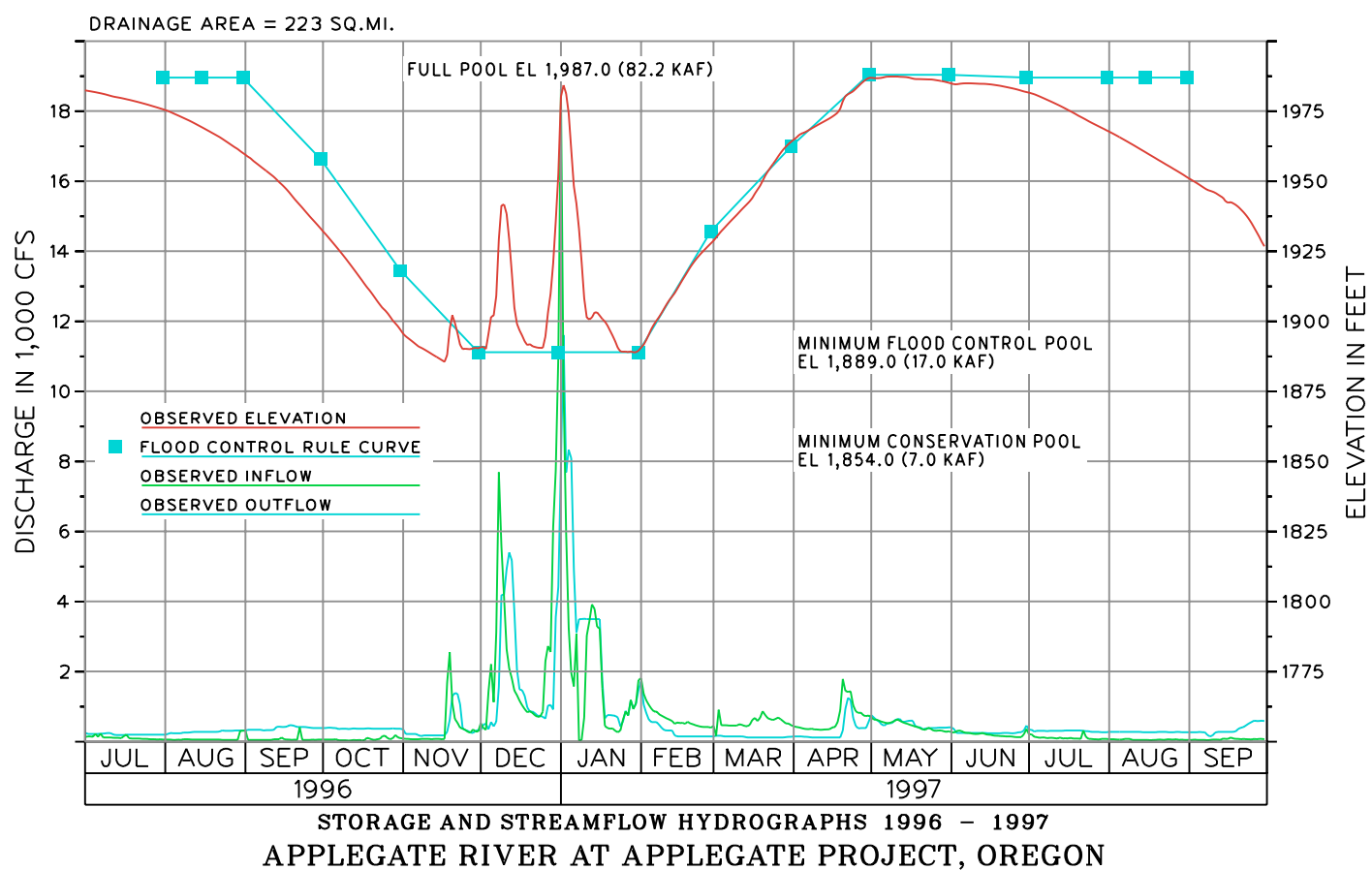
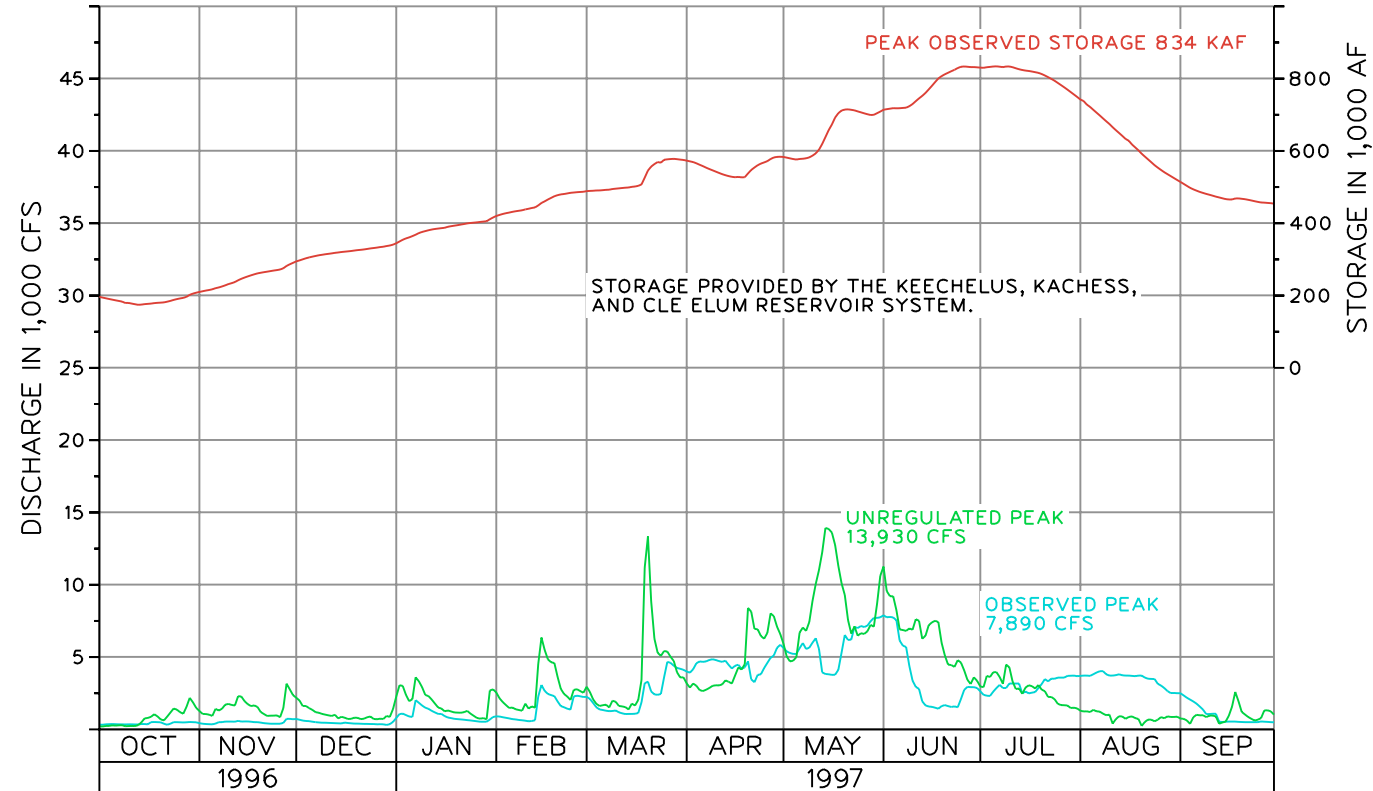


Chart 30

DRAINAGE AREA = 495 SQ.MI.

ACTIVE CAPACITY 834 KAF

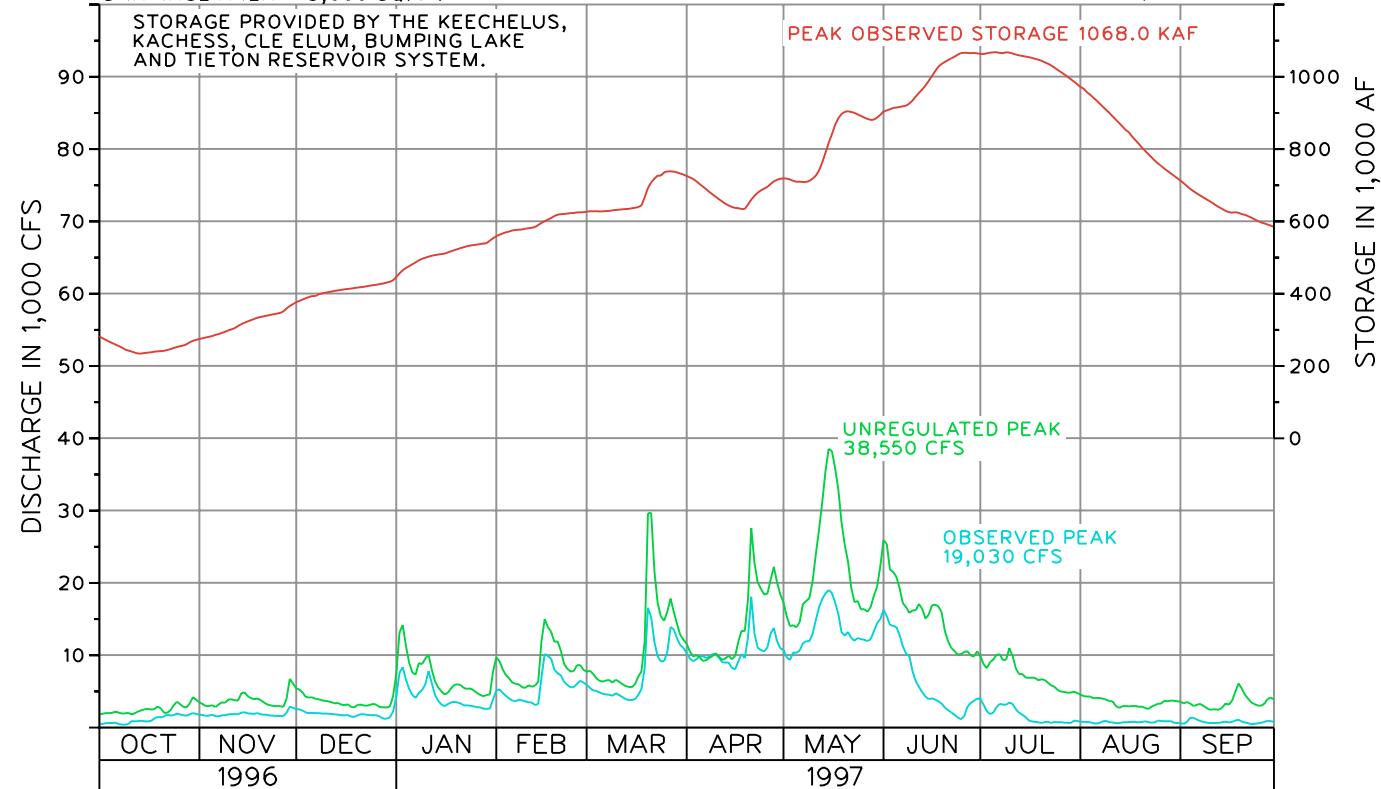


STORAGE AND STREAMFLOW HYDROGRAPHS 1996 - 1997
YAKIMA RIVER AT CLE ELUM, WASHINGTON

Chart 31

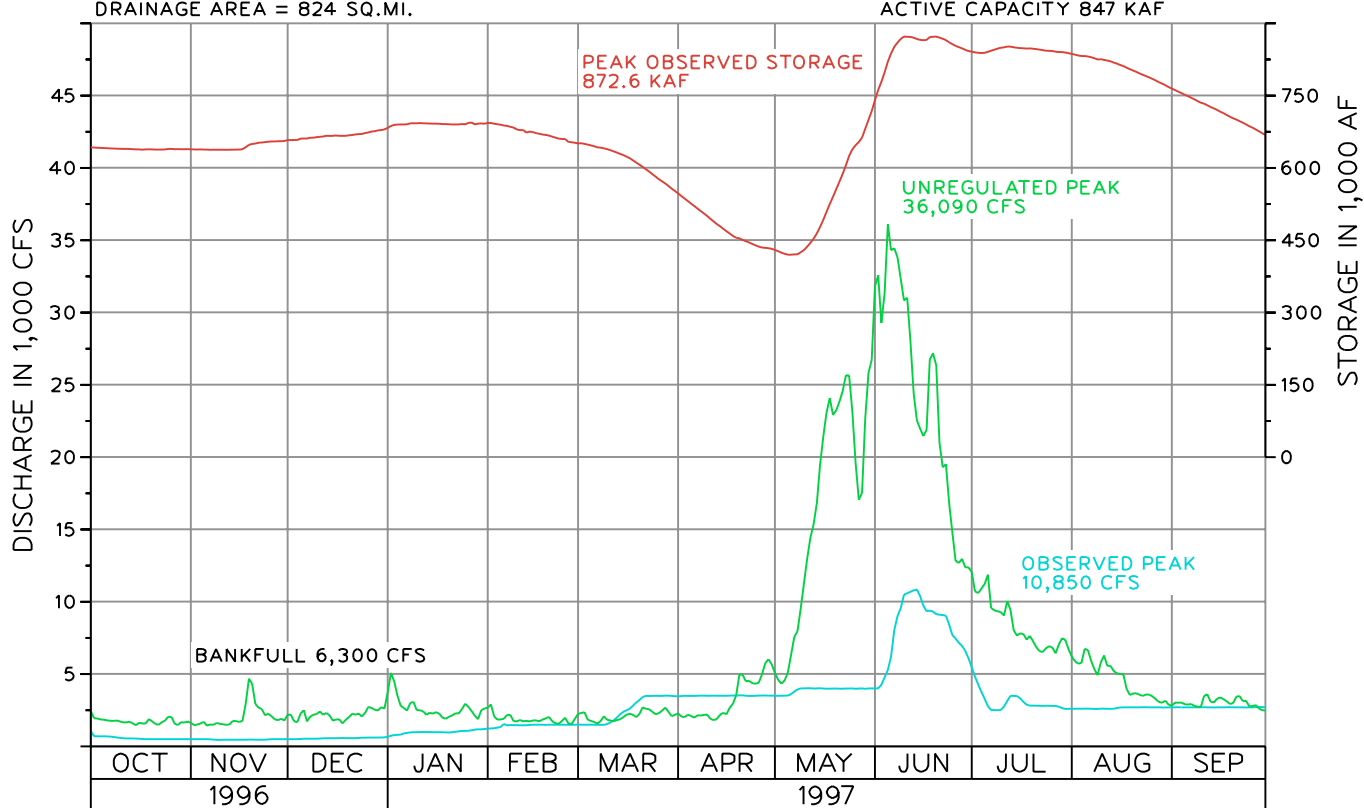
DRAINAGE AREA = 3,660 SQ.MI.

ACTIVE CAPACITY 1,066 KAF



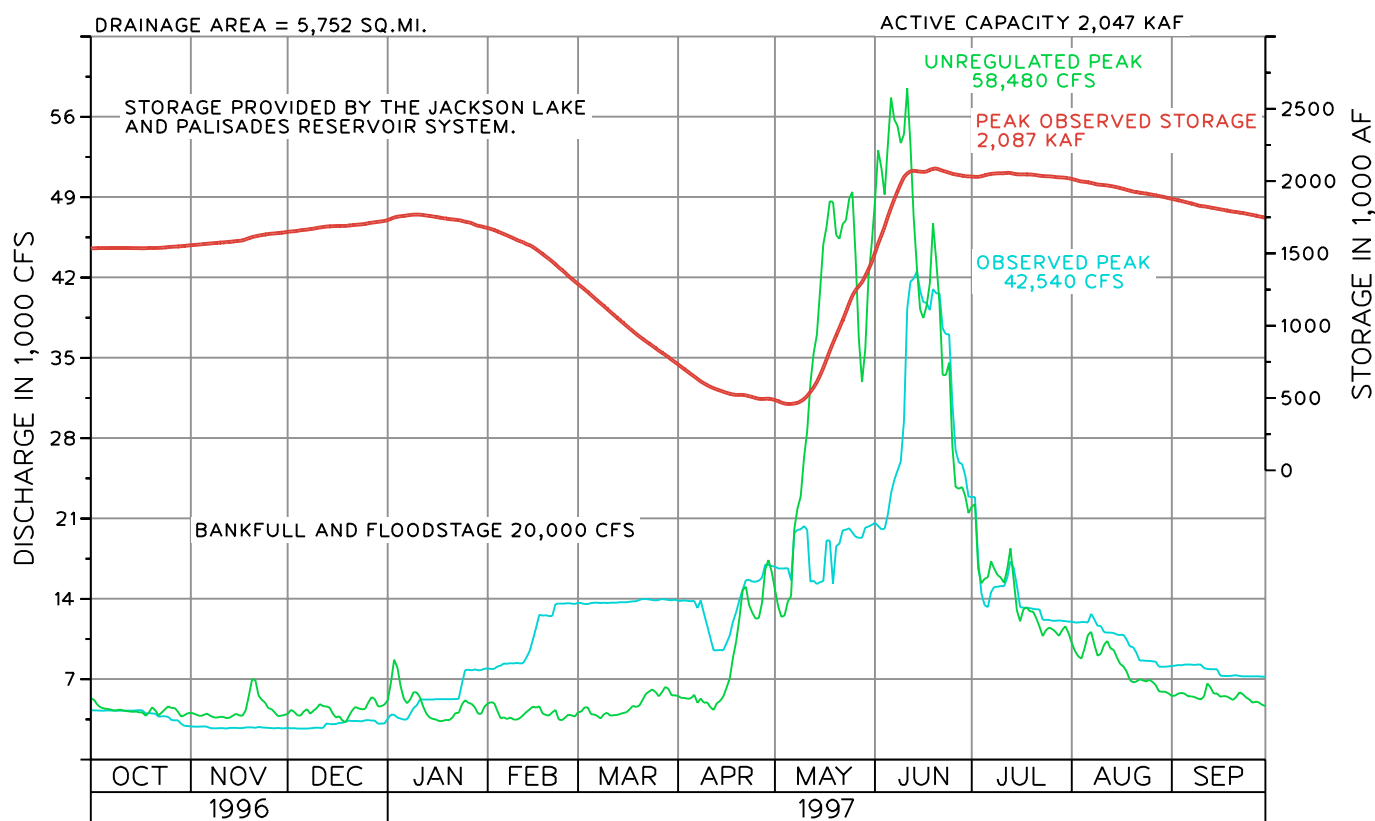
STORAGE AND STREAMFLOW HYDROGRAPHS 1996 - 1997
YAKIMA RIVER AT PARKER, WASHINGTON

Chart 32



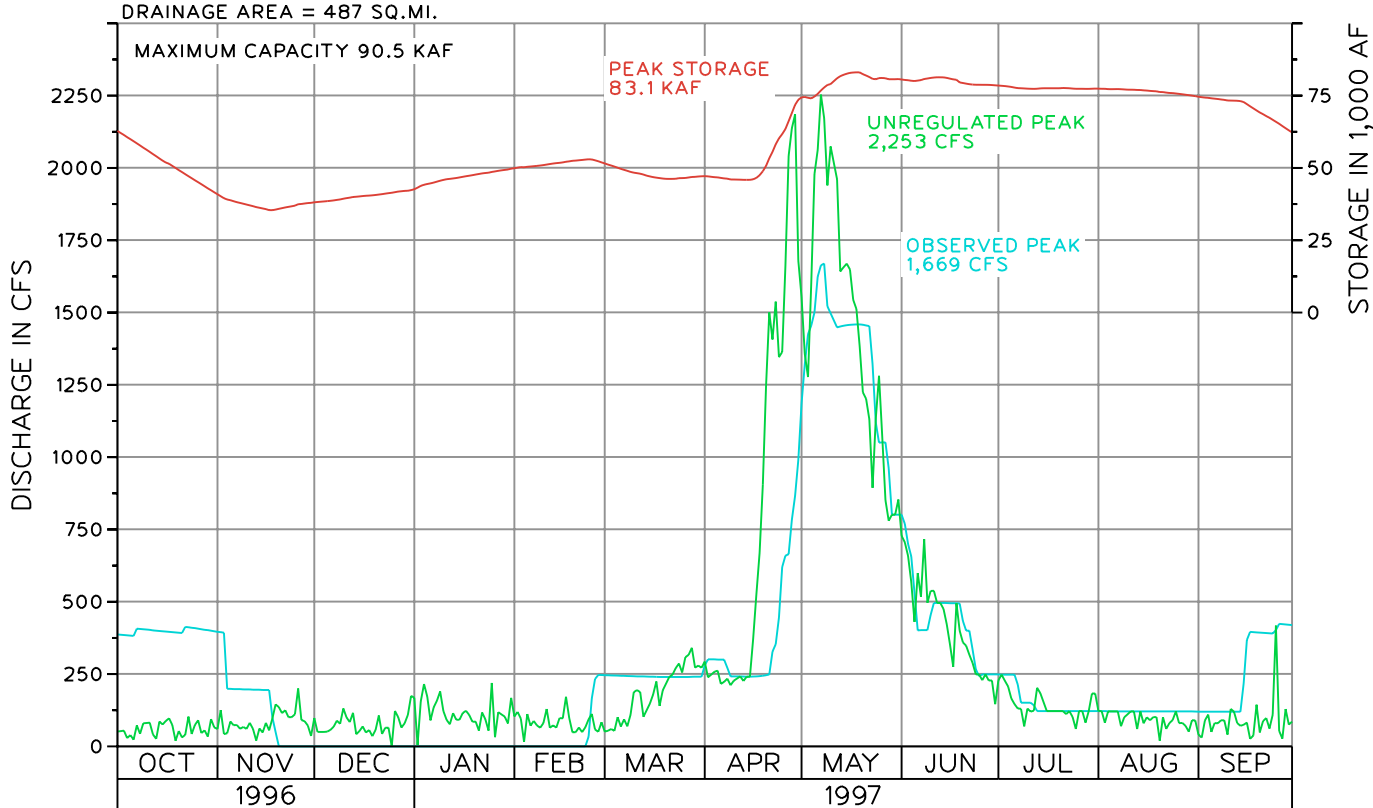
STORAGE AND STREAMFLOW HYDROGRAPHS 1996 - 1997
SNAKE RIVER AT JACKSON LAKE, WYOMING

Chart 33



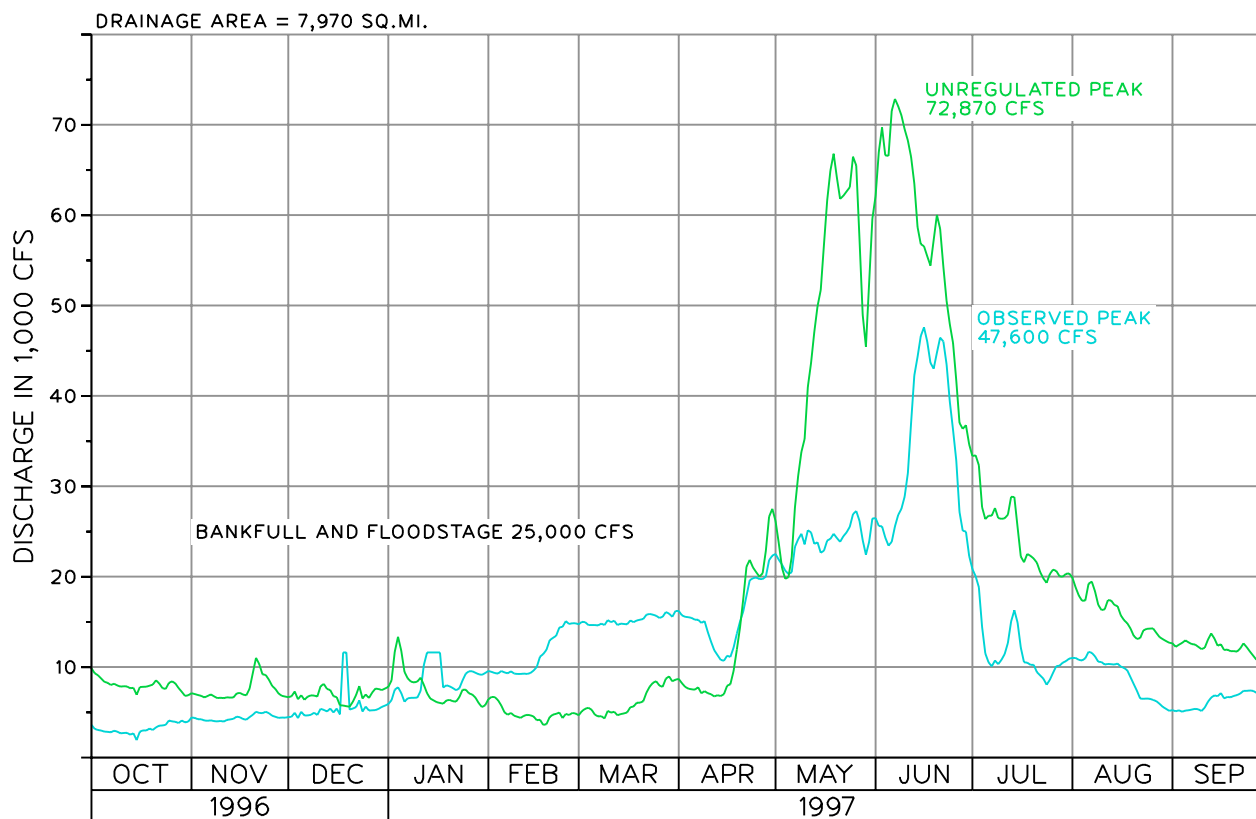
STORAGE AND STREAMFLOW HYDROGRAPHS 1996 - 1997
SNAKE RIVER NEAR HEISE, IDAHO

Chart 34



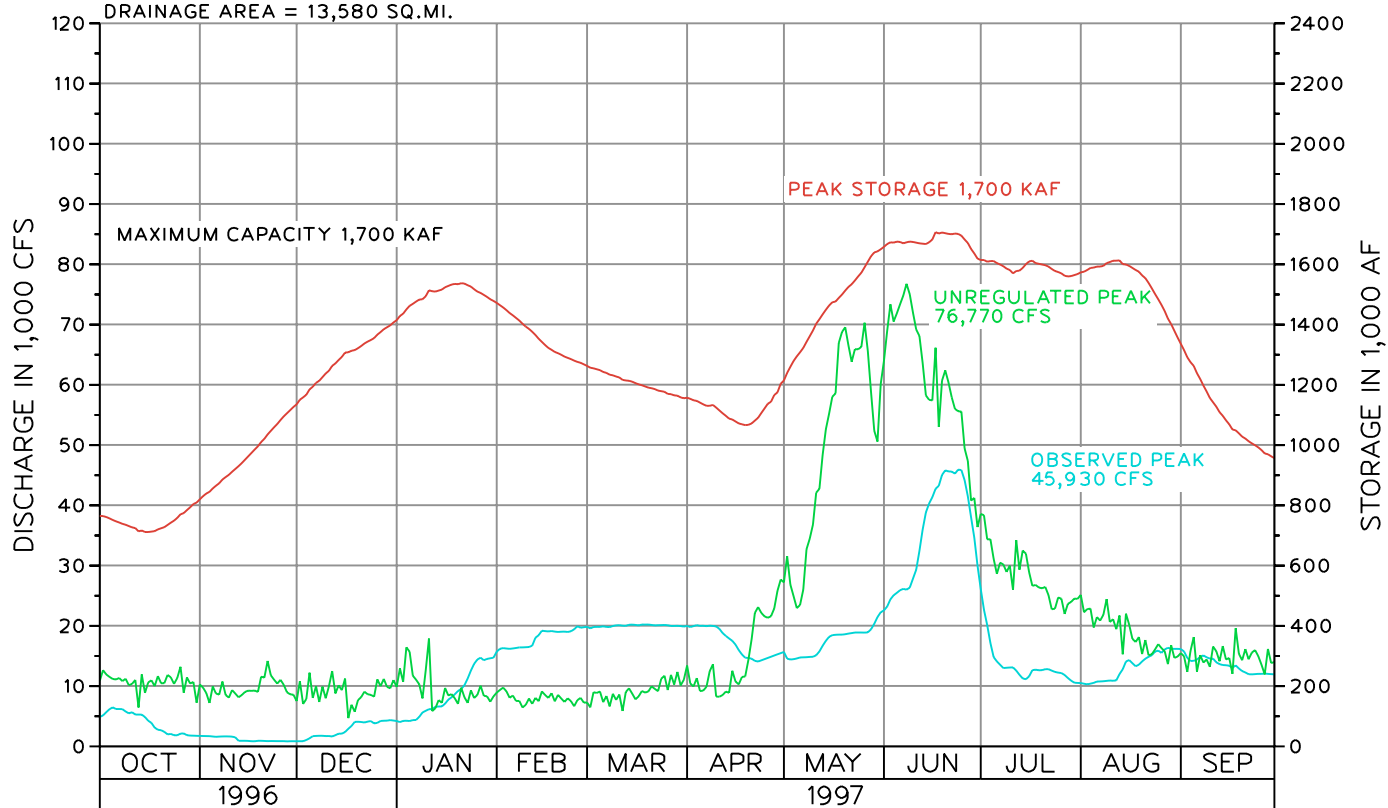
STORAGE AND STREAMFLOW HYDROGRAPHS 1996 - 1997
WILLOW CREEK AT RIRIE, IDAHO

Chart 35



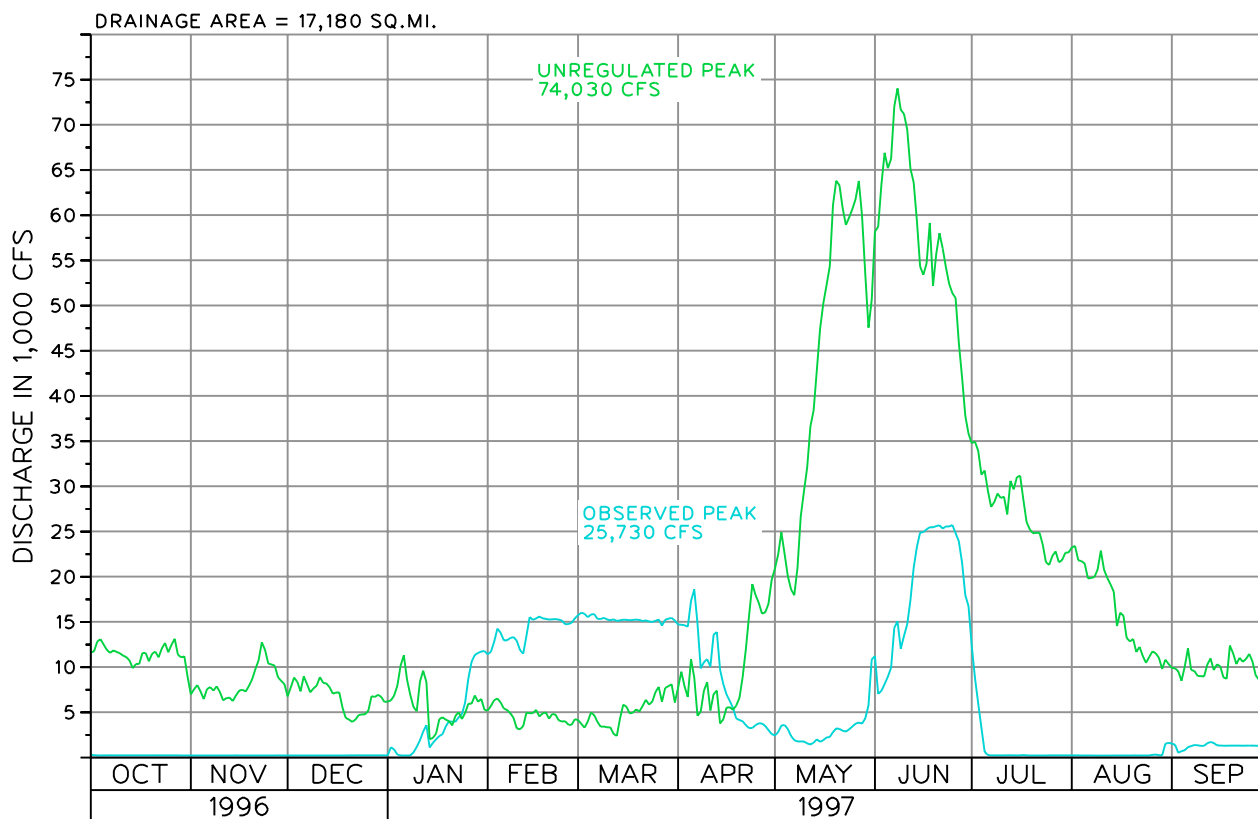
STORAGE AND STREAMFLOW HYDROGRAPHS 1996 - 1997
SNAKE RIVER NEAR SHELLEY, IDAHO

Chart 36



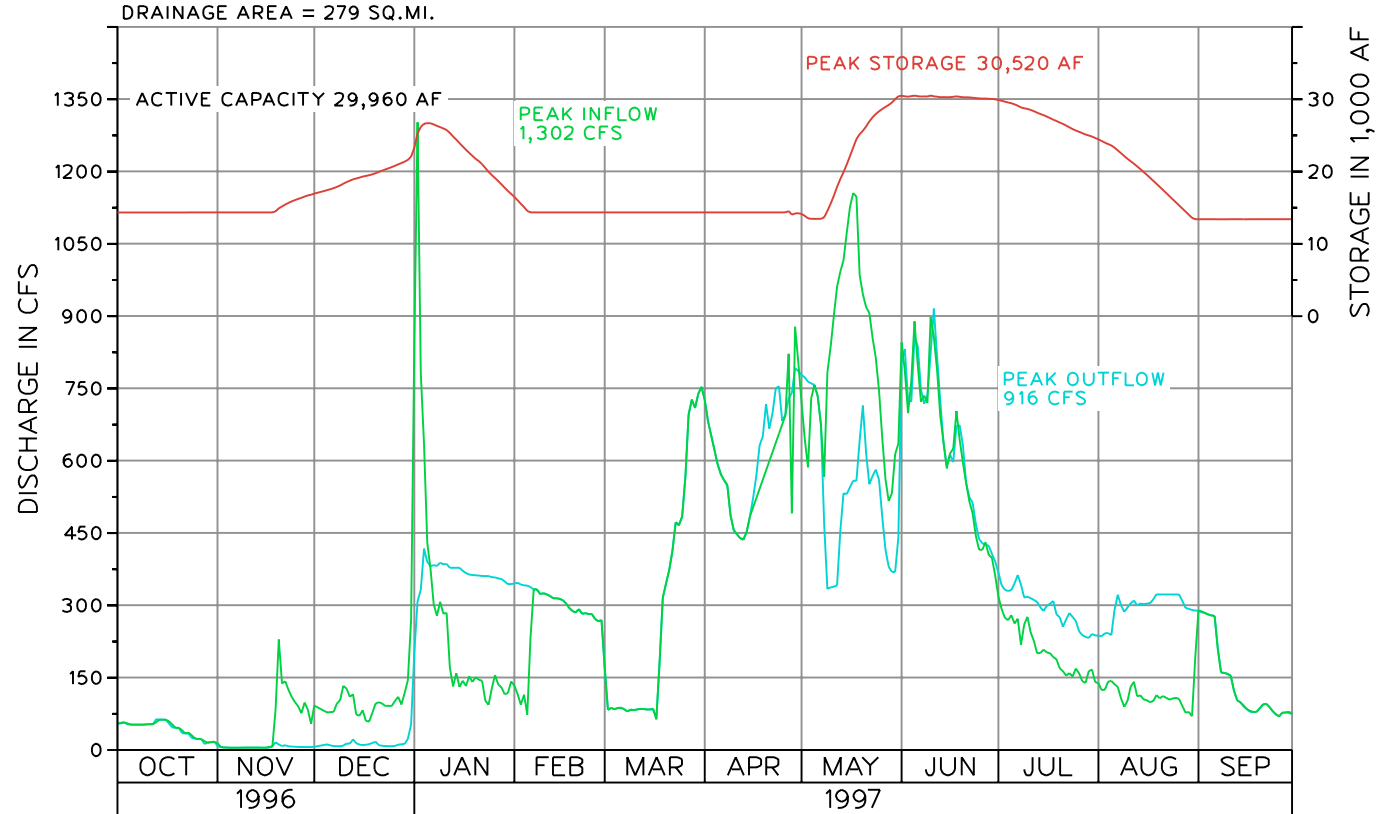
STORAGE AND STREAMFLOW HYDROGRAPHS 1996 - 1997
SNAKE RIVER AT AMERICAN FALLS, IDAHO

Chart 37



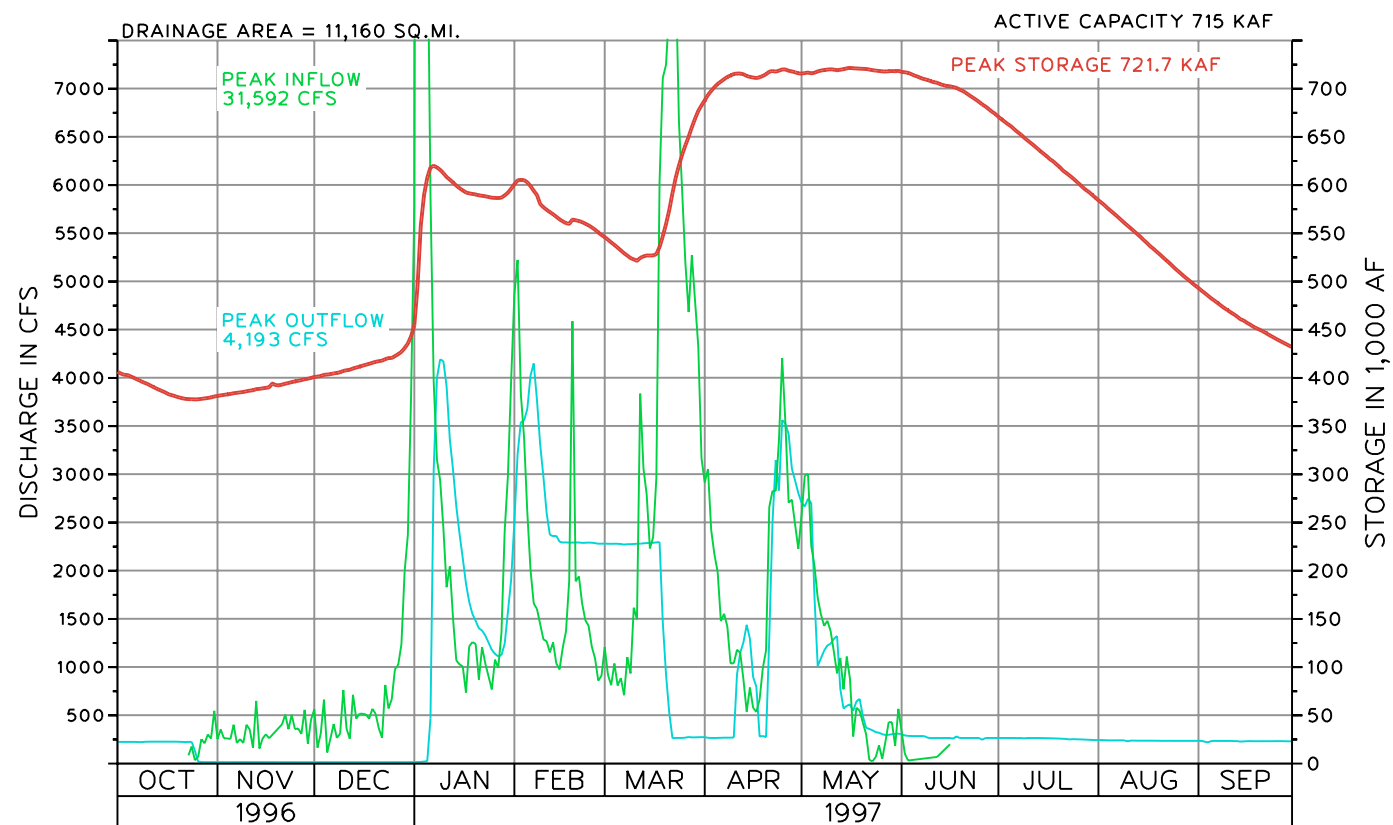
STORAGE AND STREAMFLOW HYDROGRAPHS 1996 - 1997
SNAKE RIVER AT MILNER, IDAHO

Chart 38



STORAGE AND STREAMFLOW HYDROGRAPHS 1996 - 1997
LITTLE WOOD RIVER AT LITTLE WOOD PROJECT, IDAHO

Chart 39



STORAGE AND STREAMFLOW HYDROGRAPHS 1996 - 1997
OWYHEE RIVER AT OWYHEE DAM, OREGON

Chart 40

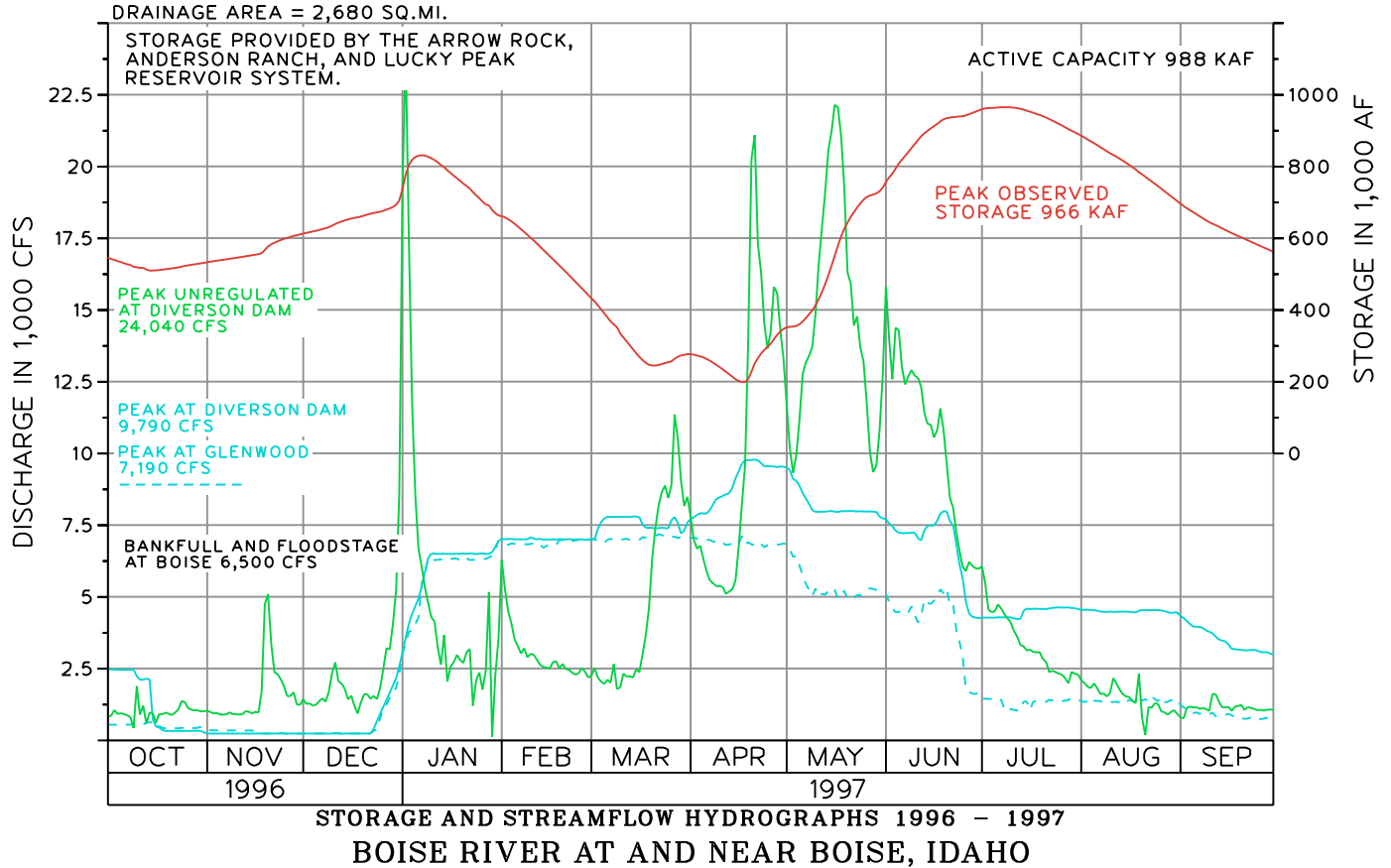


Chart 41

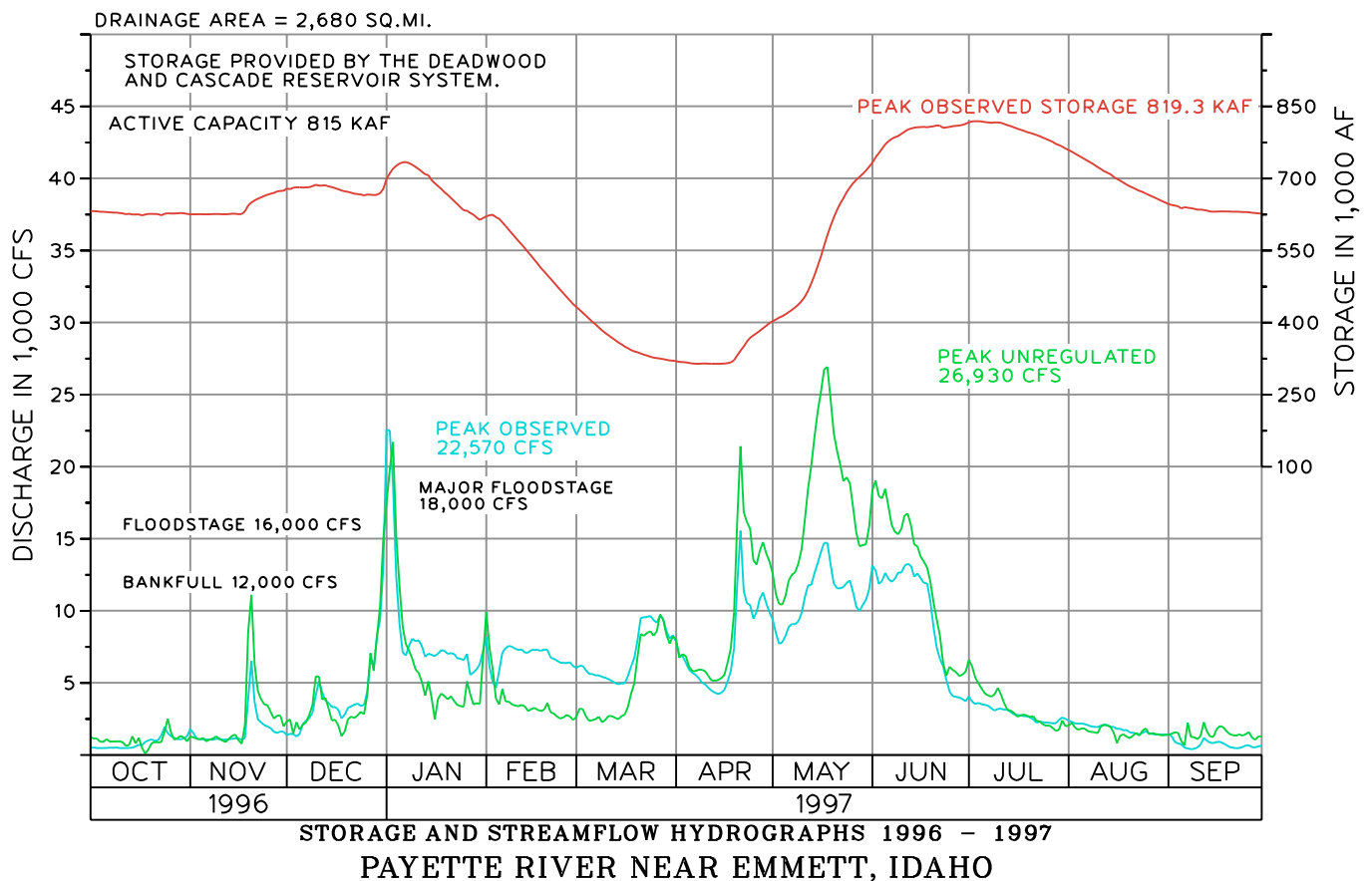
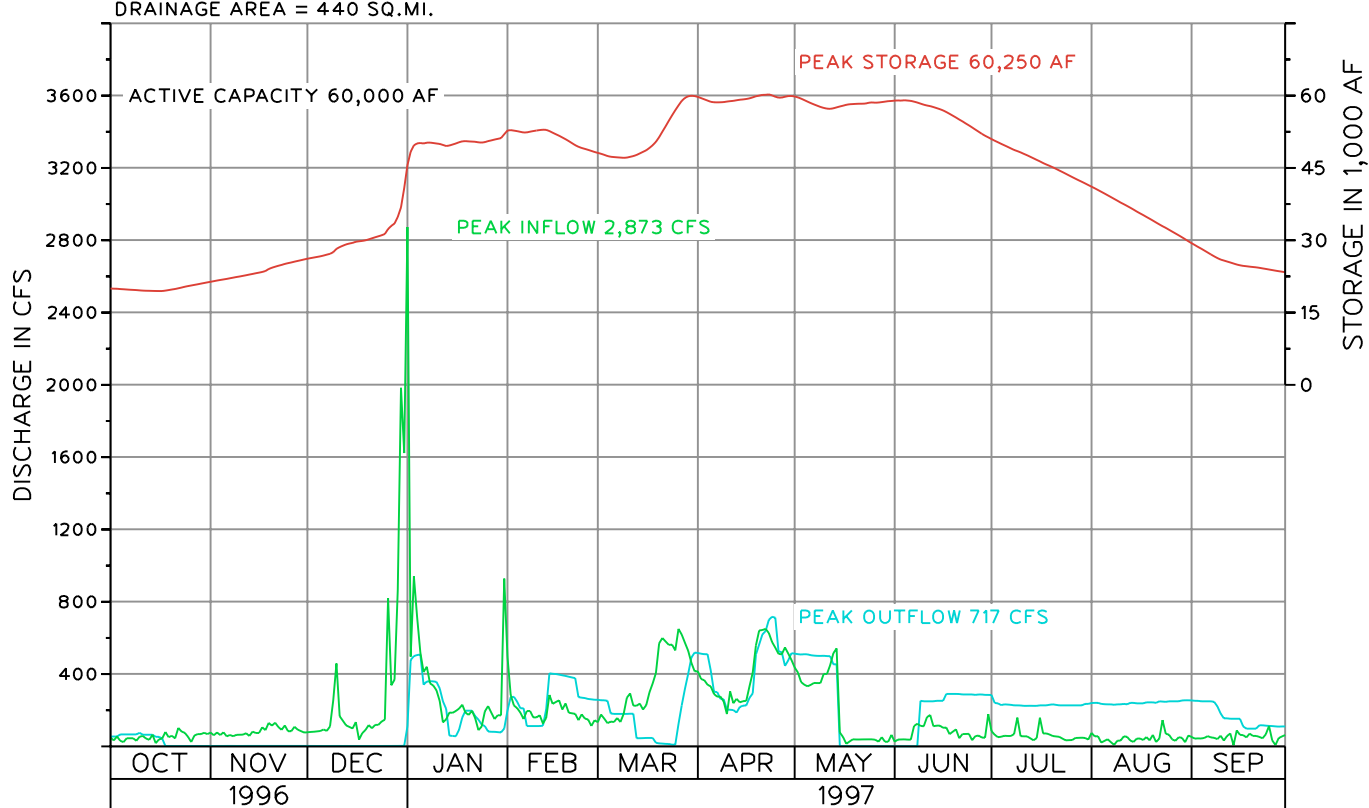
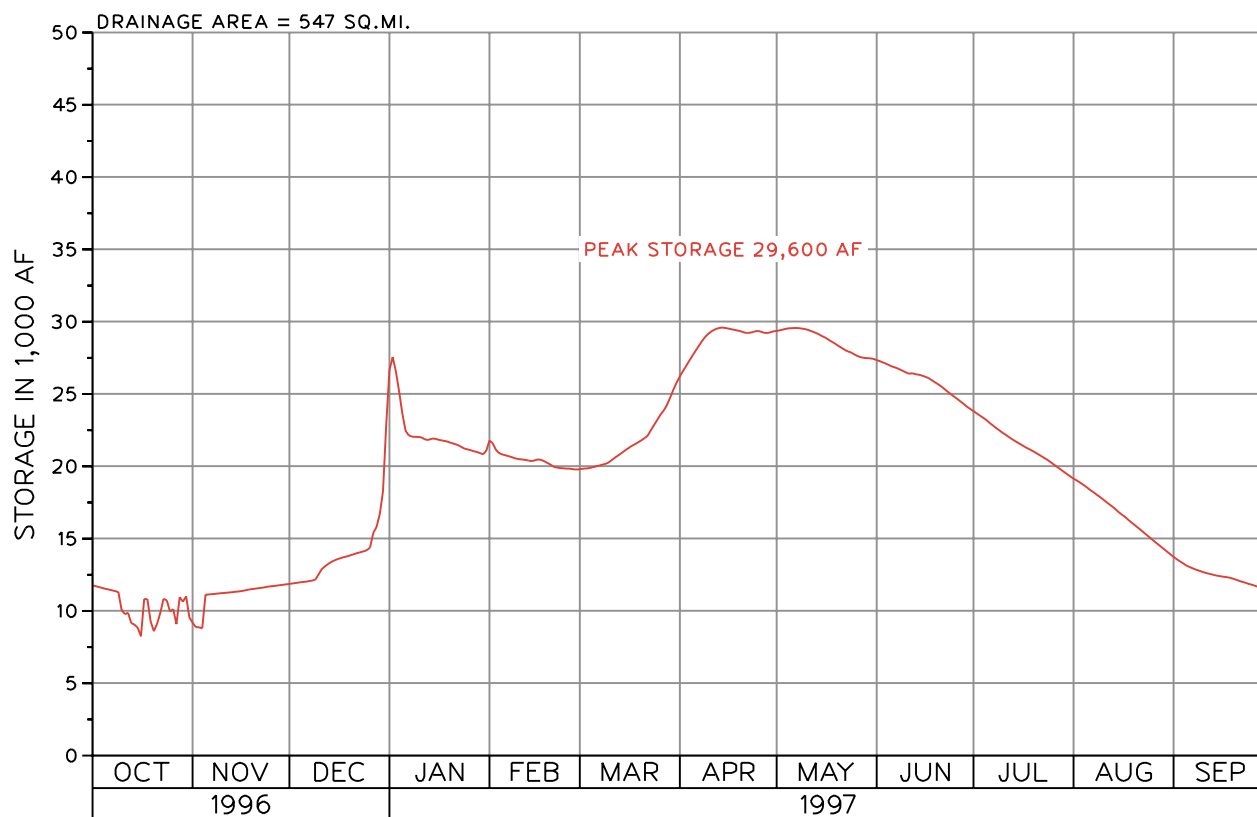


Chart 42

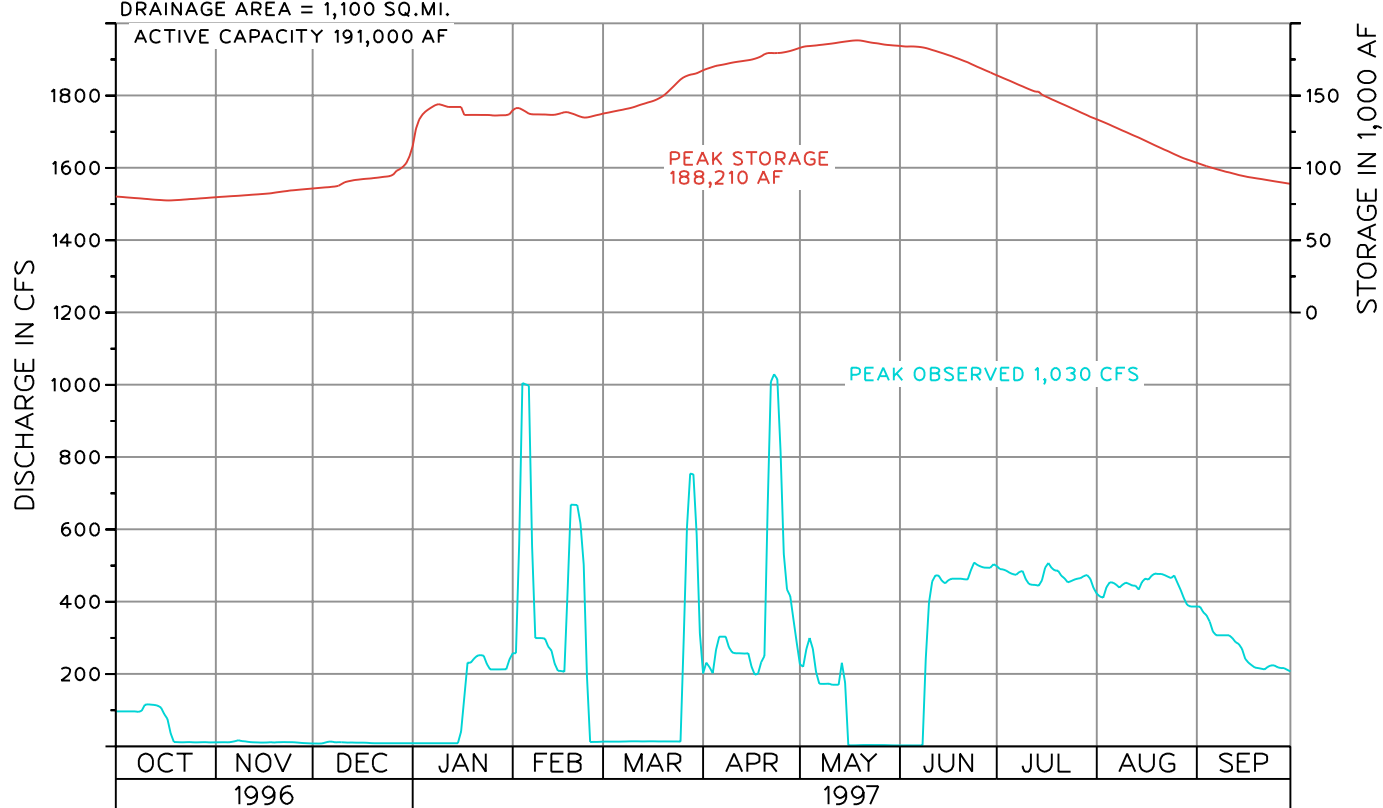


STORAGE AND STREAMFLOW HYDROGRAPHS 1996 - 1997
NORTH FORK MALHEUR RIVER AT AGENCY VALLEY PROJECT, OREGON
Chart 43



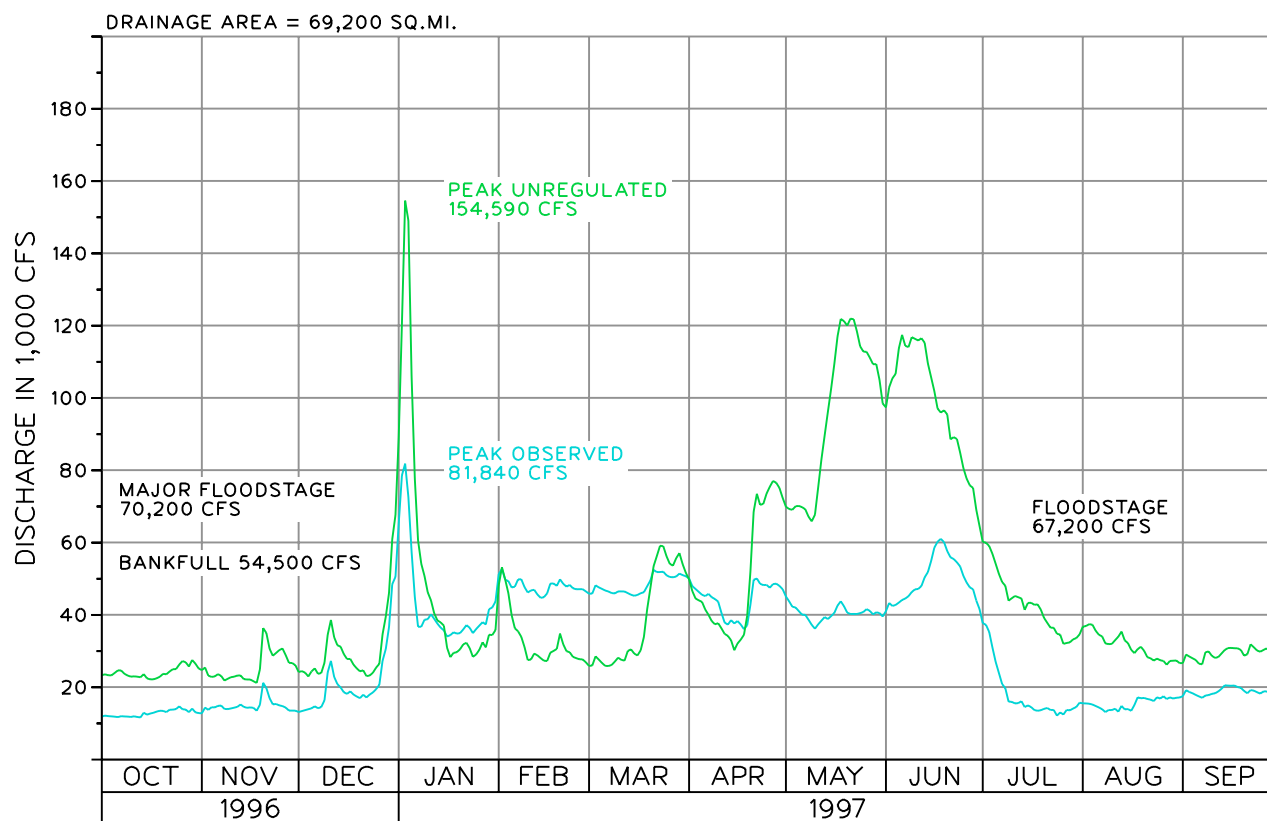
STORAGE AND STREAMFLOW HYDROGRAPHS 1996 - 1997
BULLY CREEK AT BULLY CREEK PROJECT, OREGON

Chart 44



STORAGE AND STREAMFLOW HYDROGRAPHS 1996 - 1997
MIDDLE FORK MALHEUR RIVER AT WARM SPRINGS PROJECT, OREGON

Chart 45



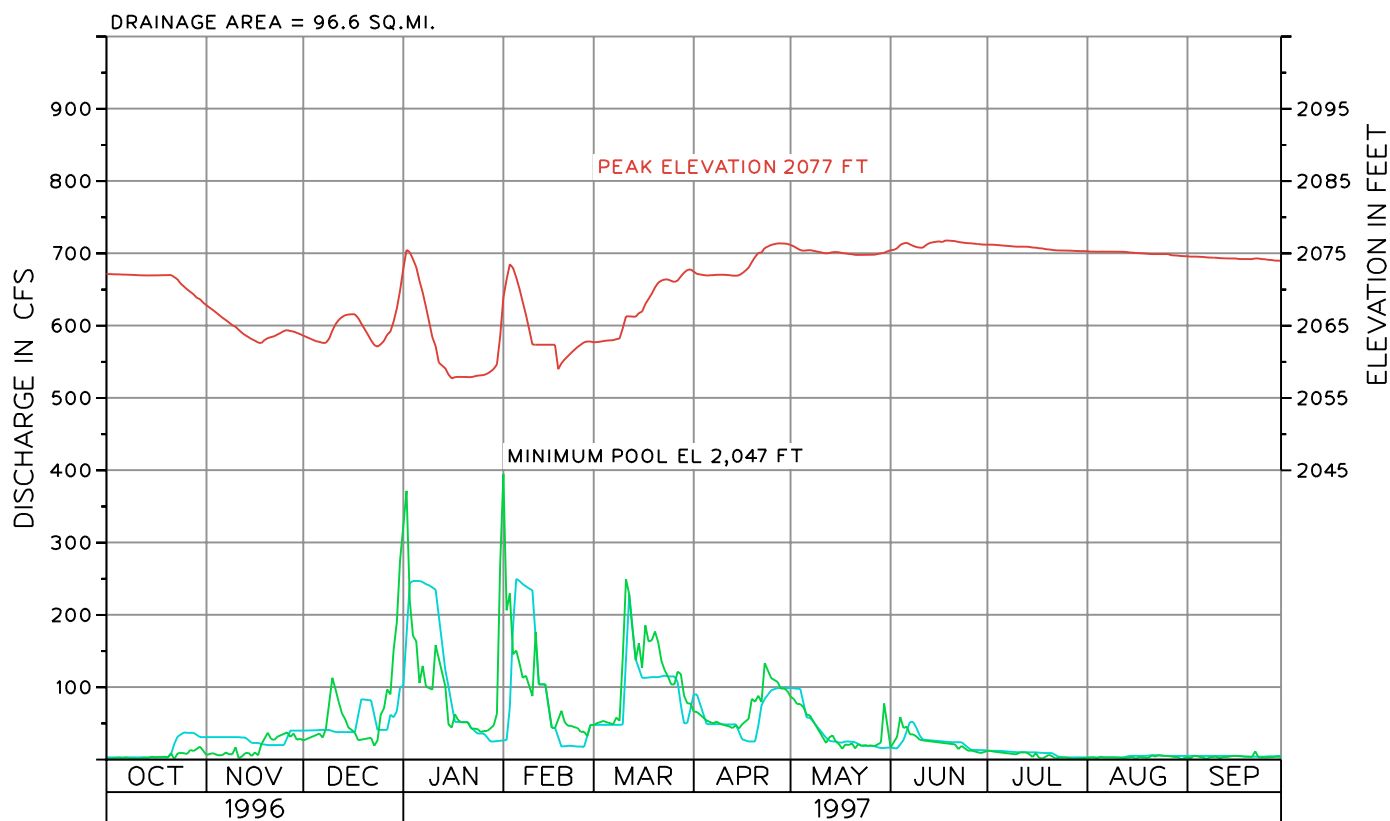
STORAGE AND STREAMFLOW HYDROGRAPHS 1996 - 1997
SNAKE RIVER AT WEISER, IDAHO

Chart 46



STORAGE AND STREAMFLOW HYDROGRAPHS 1996 - 1997
MILL CREEK AT MILL CREEK PROJECT, WASHINGTON

Chart 47



STORAGE AND STREAMFLOW HYDROGRAPHS 1996 - 1997
WILLOW CREEK AT WILLOW CREEK PROJECT, OREGON

Chart 48

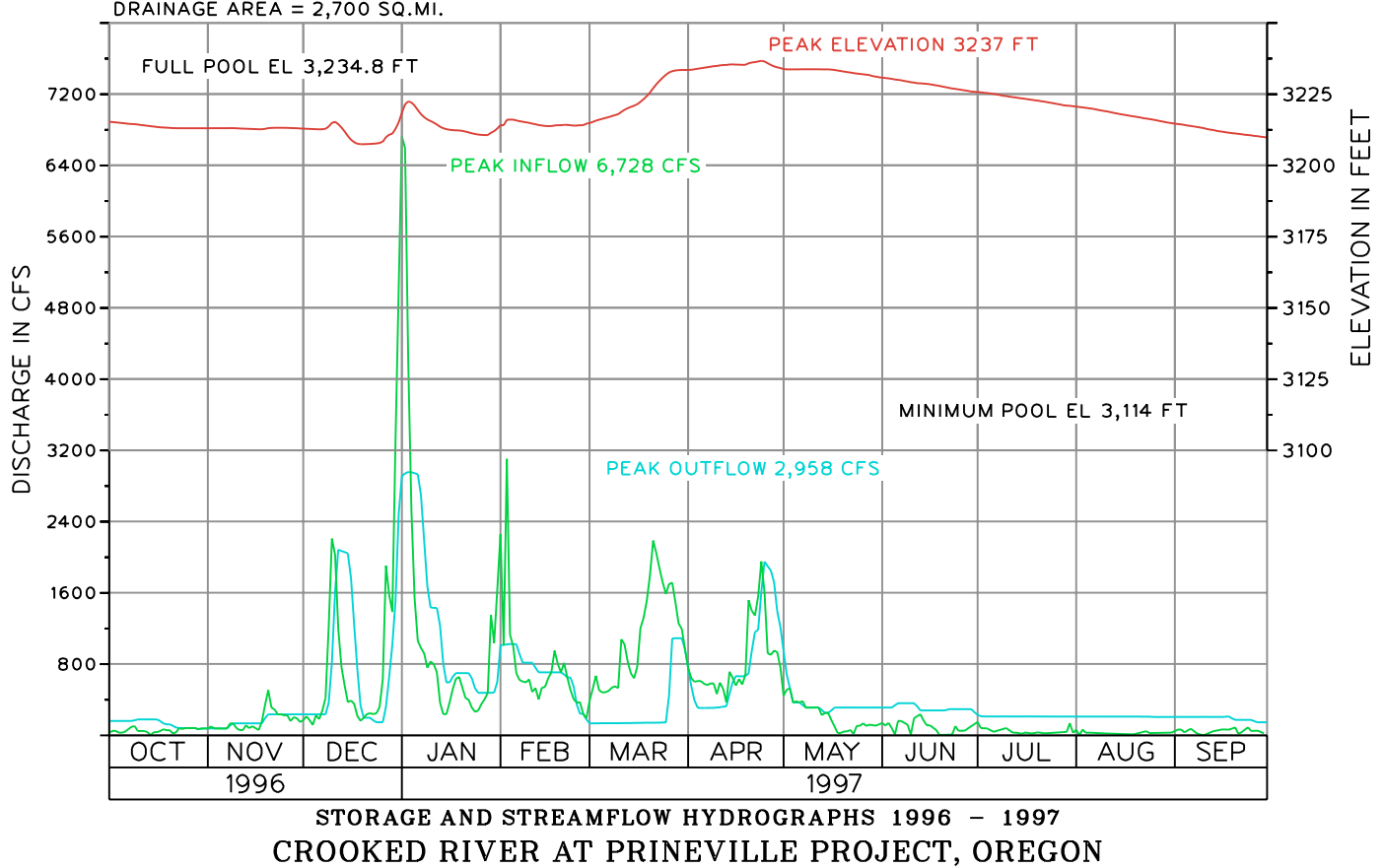


Chart 49

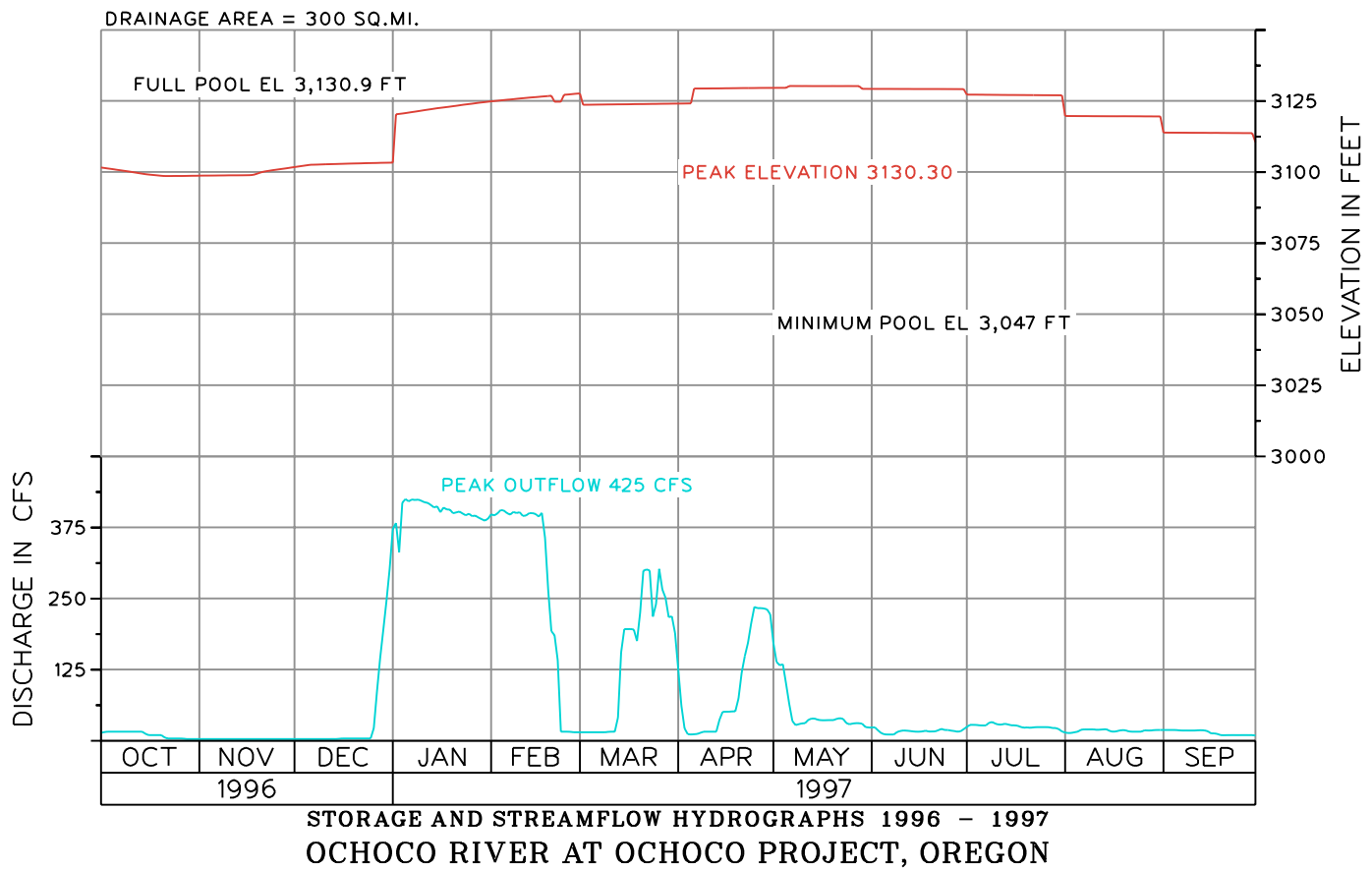
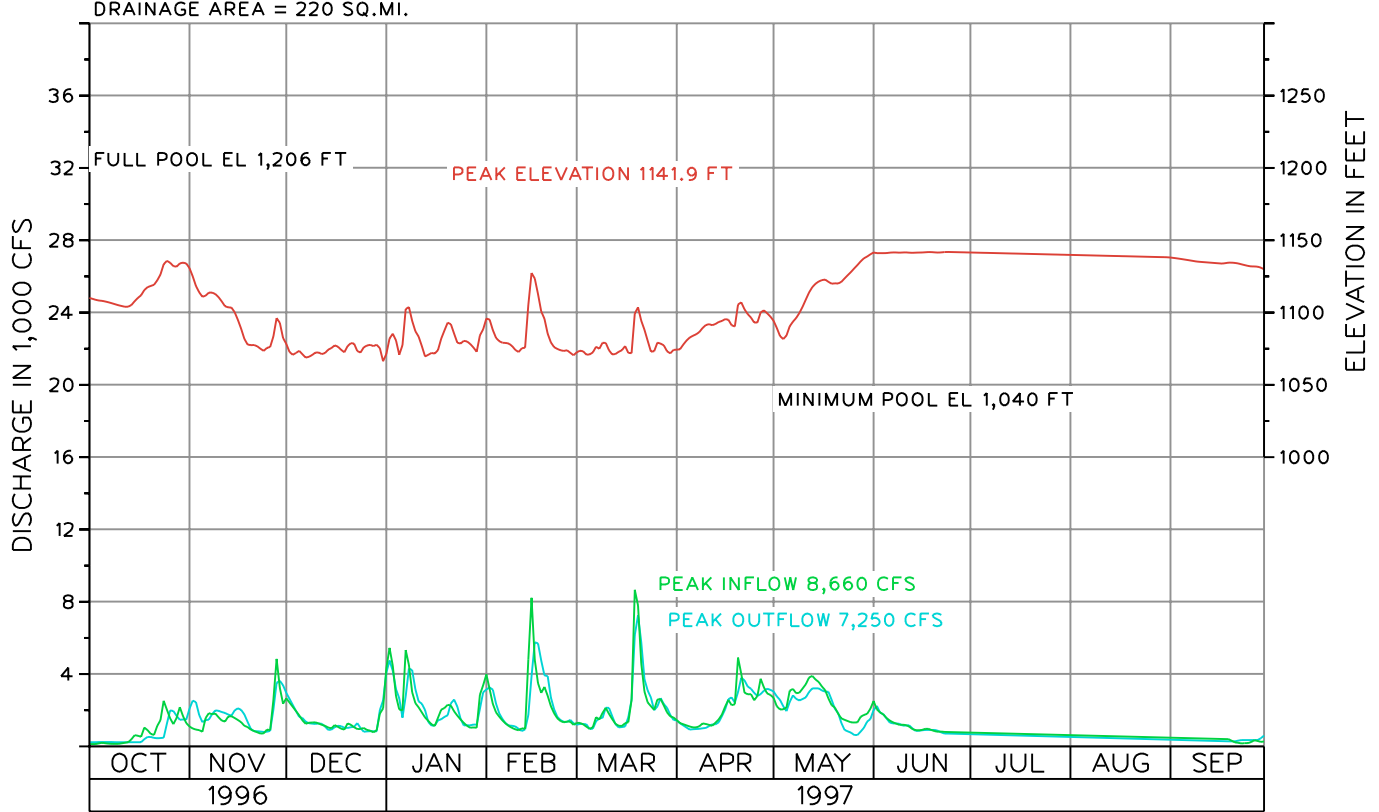


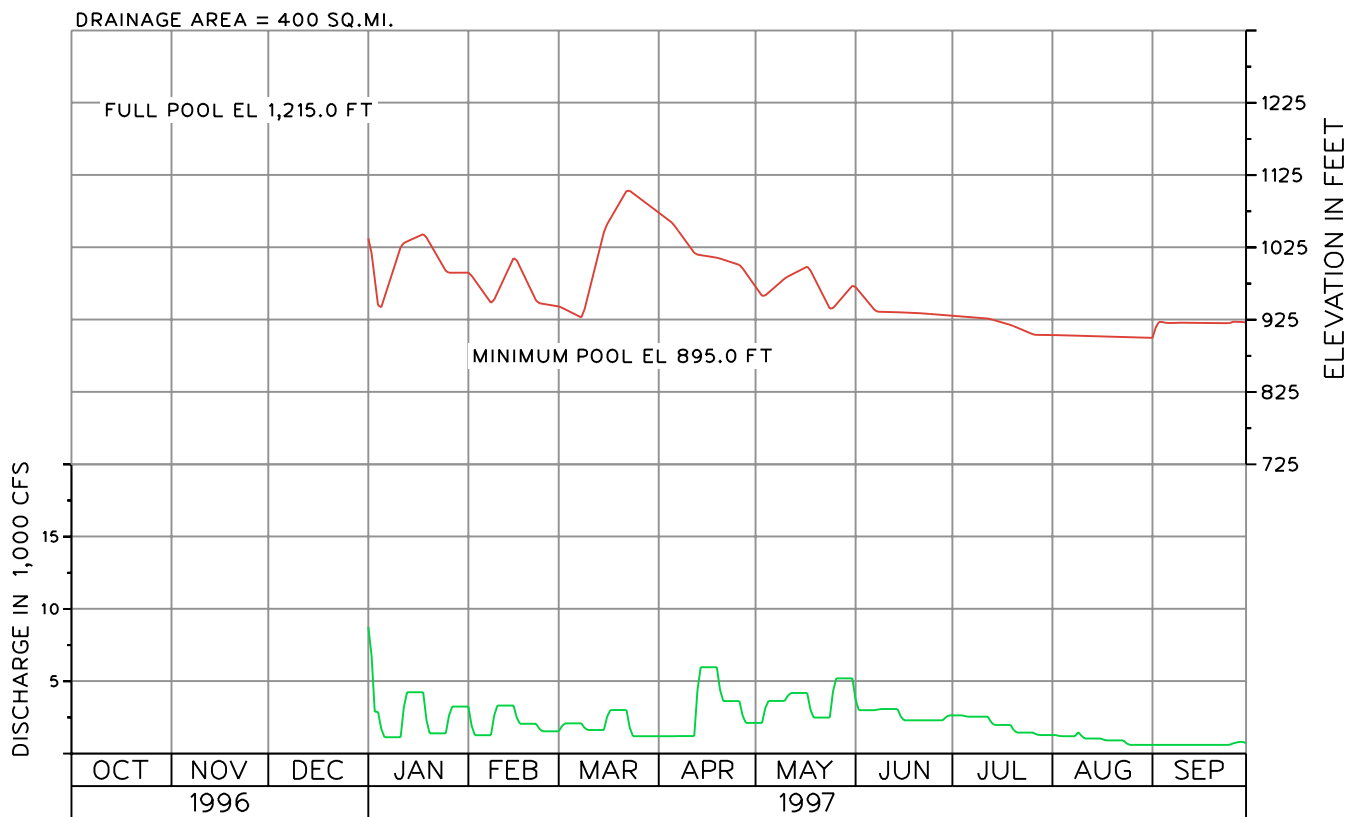
Chart 50



STORAGE AND STREAMFLOW HYDROGRAPHS 1996 - 1997

GREEN RIVER AT HOWARD A. HANSON PROJECT, WASHINGTON

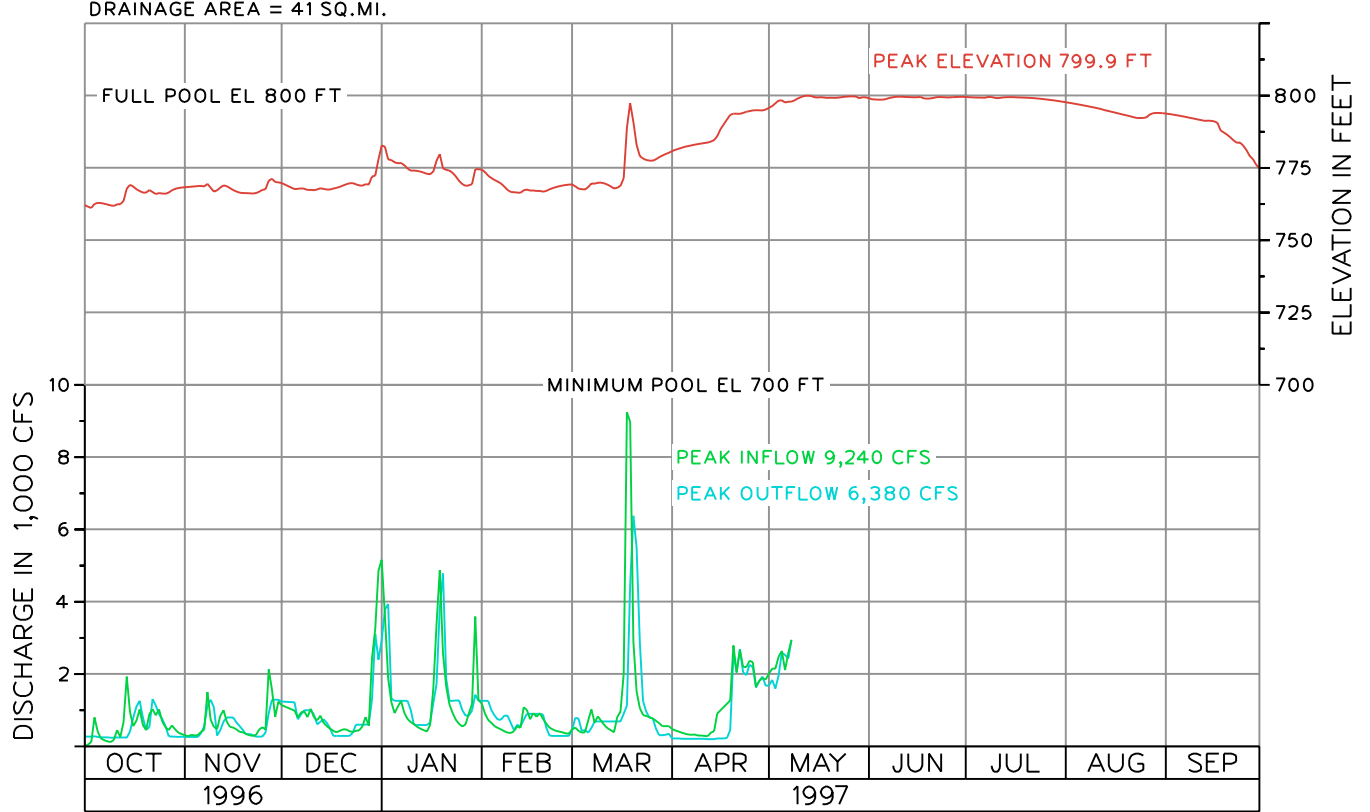
Chart 51



STORAGE AND STREAMFLOW HYDROGRAPHS 1996 - 1997

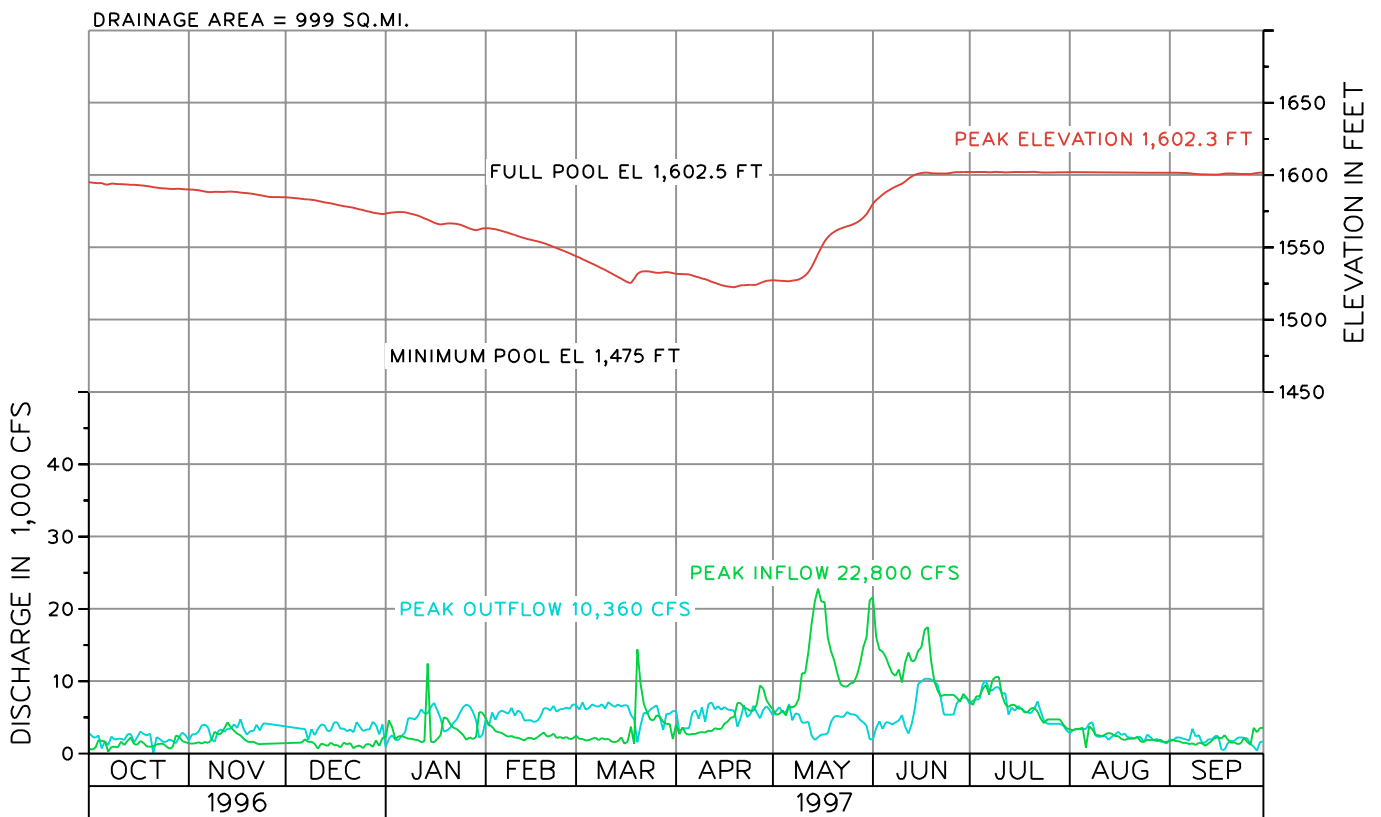
WHITE RIVER AT MUD MOUNTAIN PROJECT, WASHINGTON

Chart 52



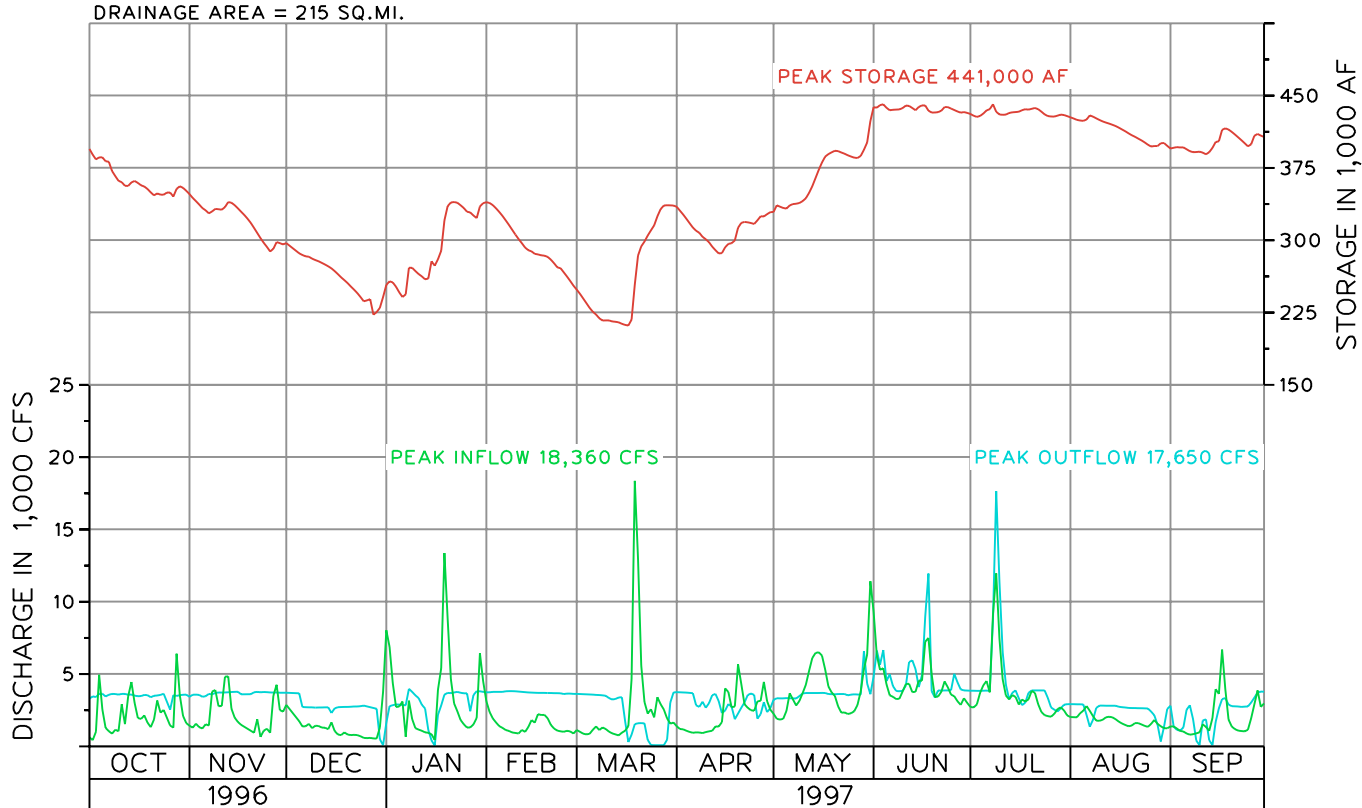
STORAGE AND STREAMFLOW HYDROGRAPHS 1996 - 1997
WYNOOCHEE RIVER AT WYNOOCHEE PROJECT, WASHINGTON

Chart 53



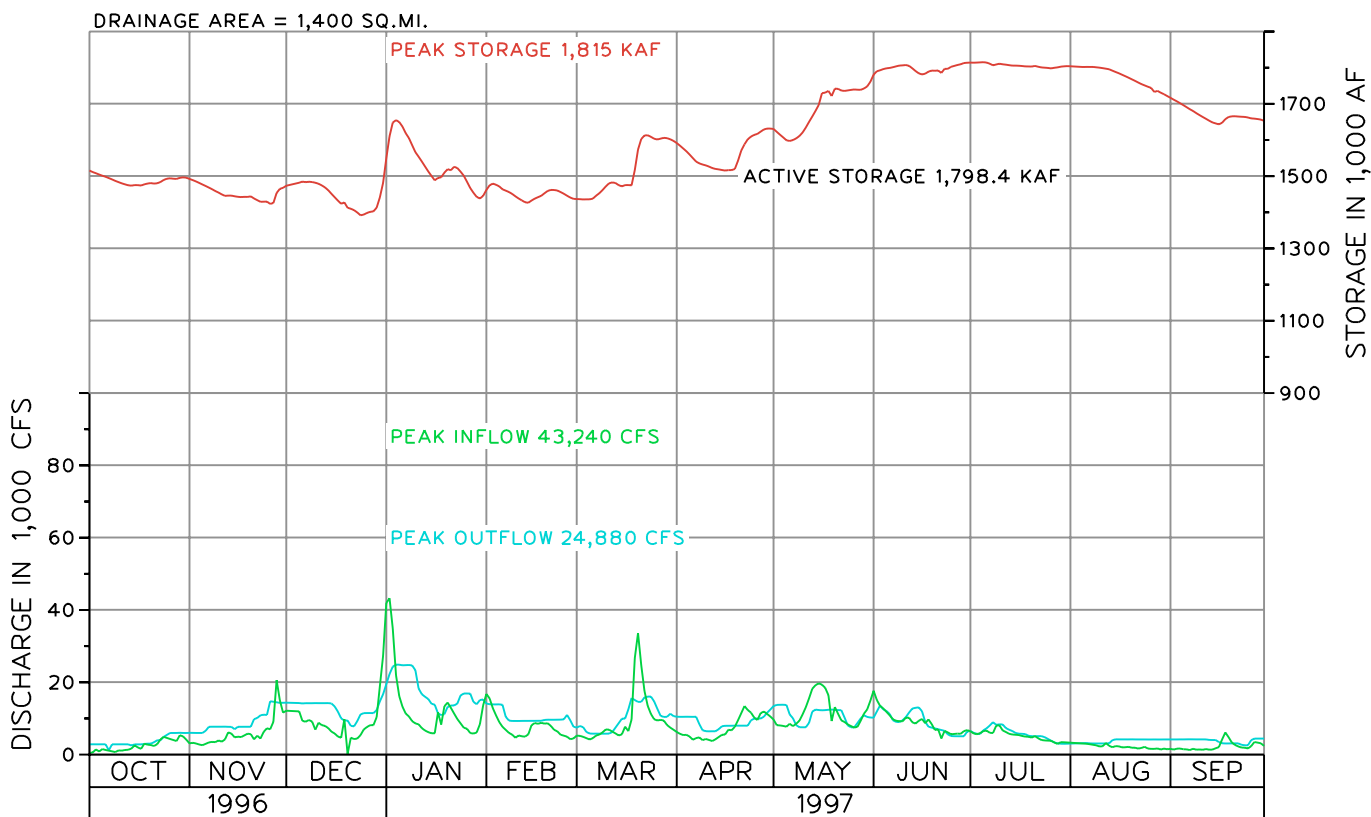
STORAGE AND STREAMFLOW HYDROGRAPHS 1996 - 1997
SKAGIT RIVER AT ROSS PROJECT, WASHINGTON

Chart 54



STORAGE AND STREAMFLOW HYDROGRAPHS 1996 - 1997
BAKER RIVER AT UPPER BAKER PROJECT, OREGON

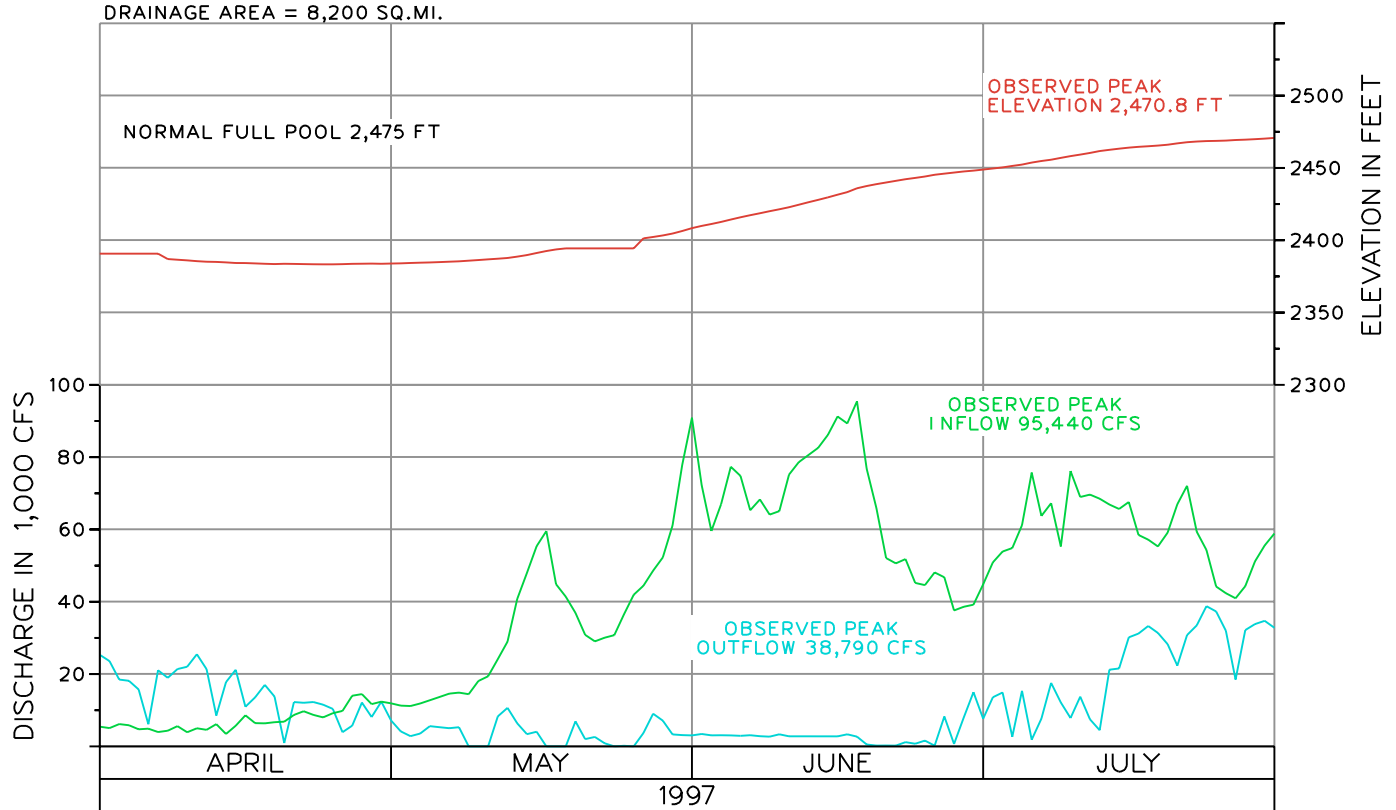
Chart 55



STORAGE AND STREAMFLOW HYDROGRAPHS 1996 - 1997

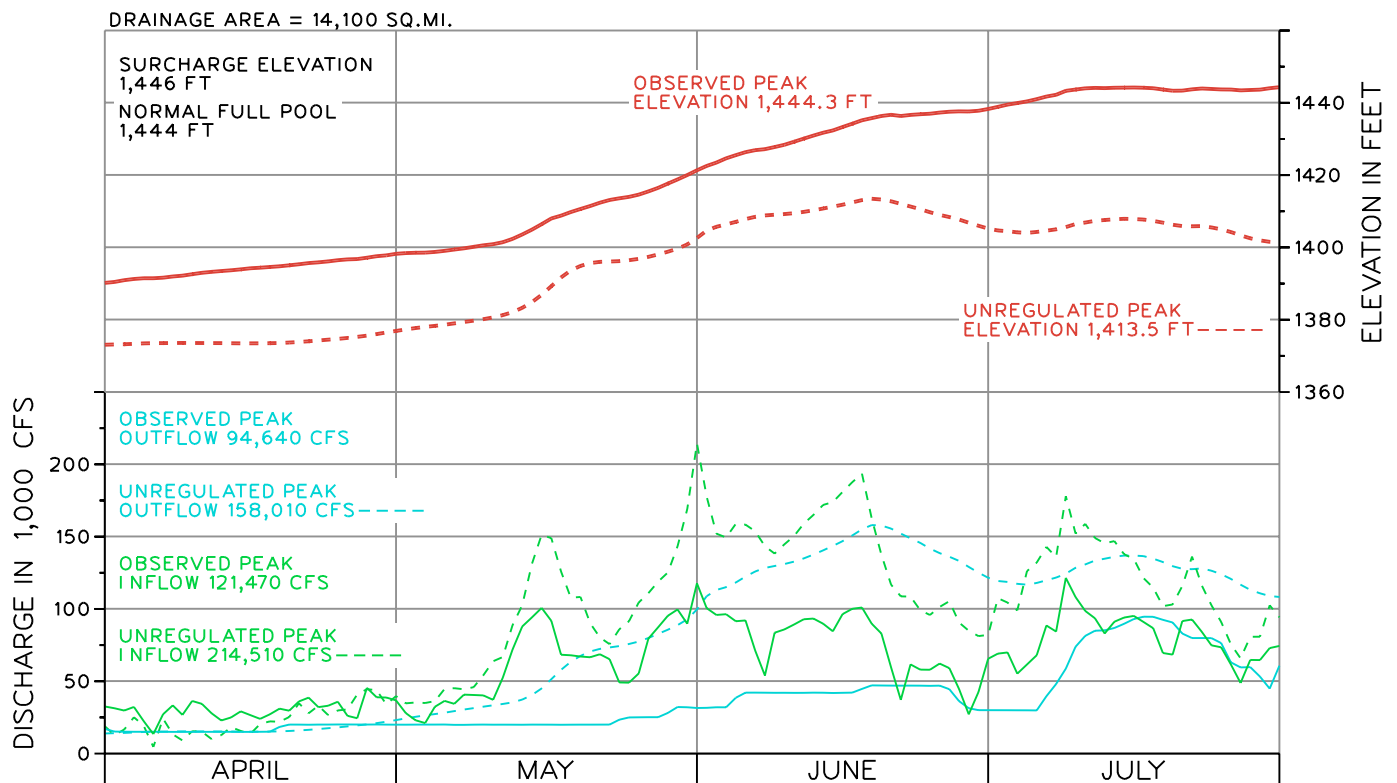
COWLITZ RIVER AT MAYFIELD/MOSSYROCK PROJECTS, WASHINGTON

Chart 56



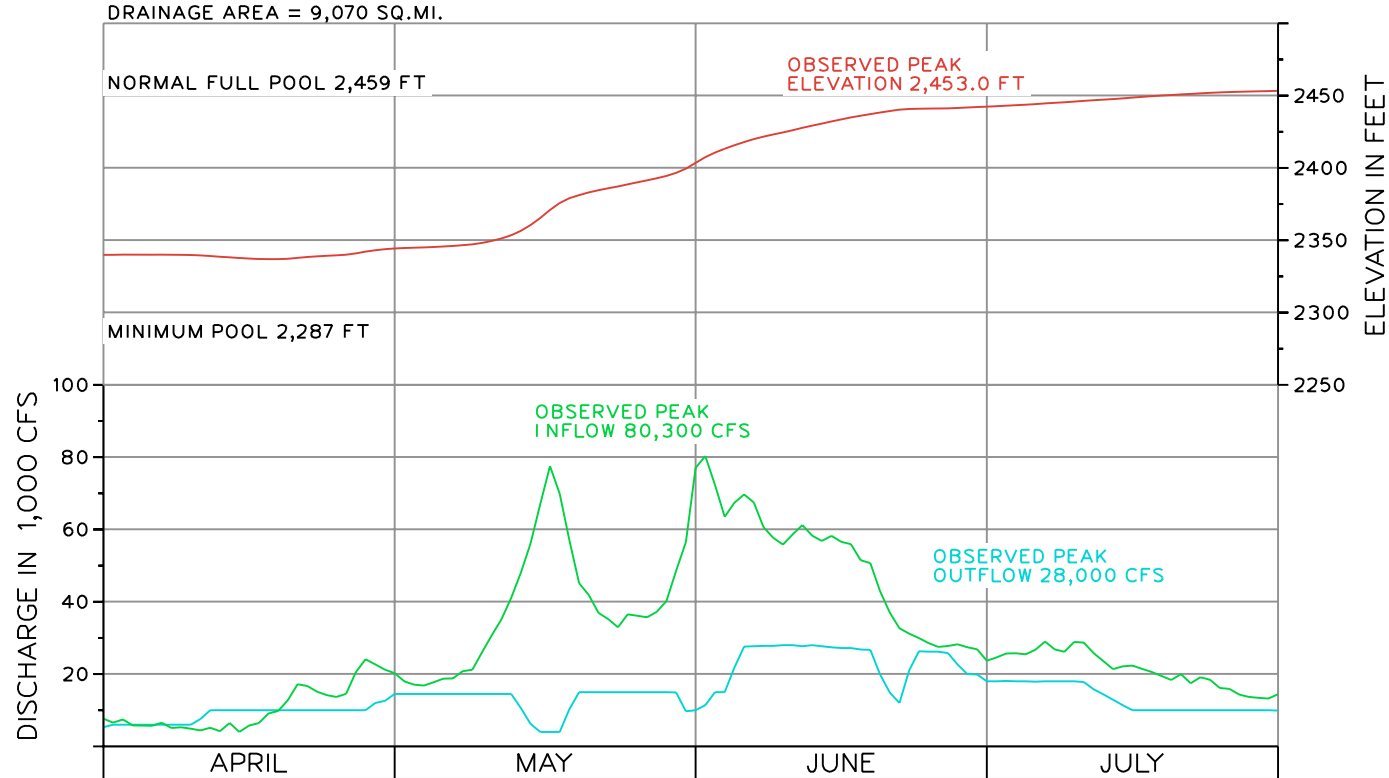
1997 FLOOD REGULATION
COLUMBIA RIVER AT MICA PROJECT, BRITISH COLUMBIA

Chart 57



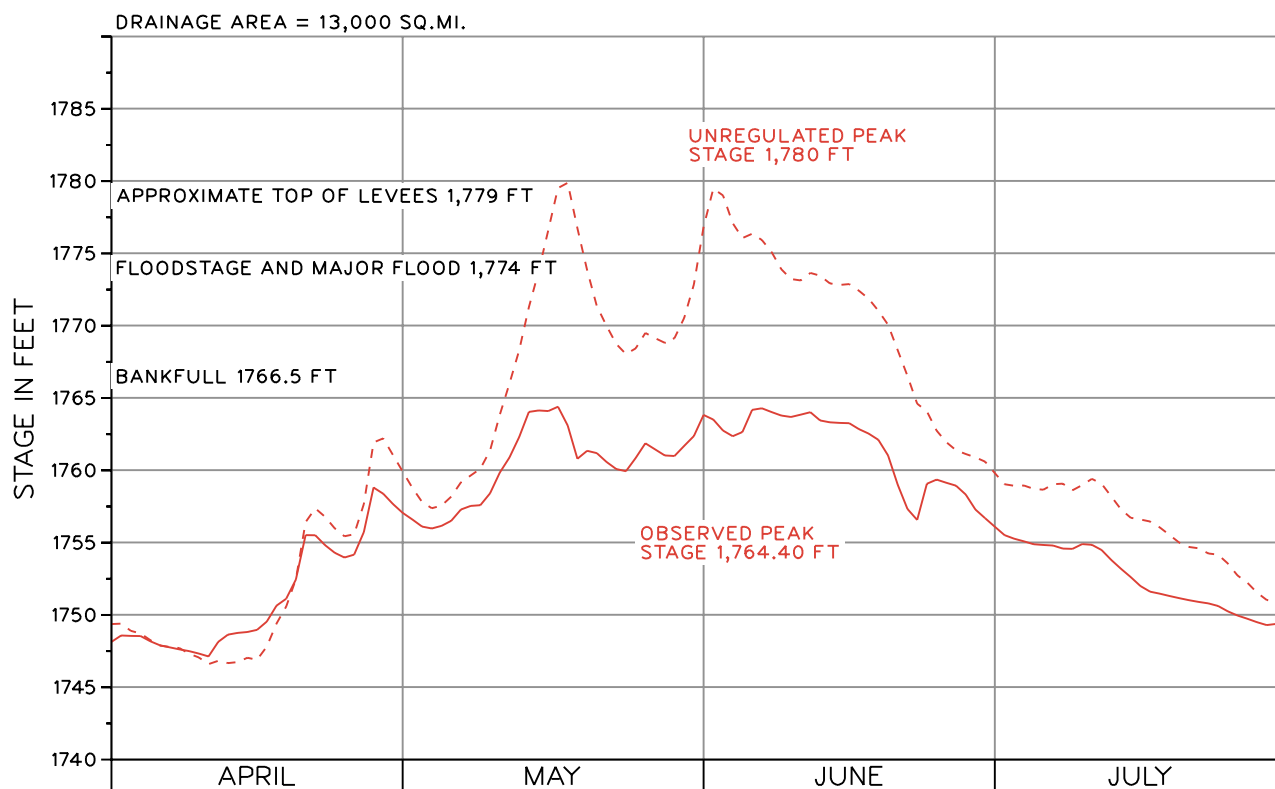
1997 FLOOD REGULATION
COLUMBIA RIVER AT ARROW PROJECT, BRITISH COLUMBIA

Chart 58



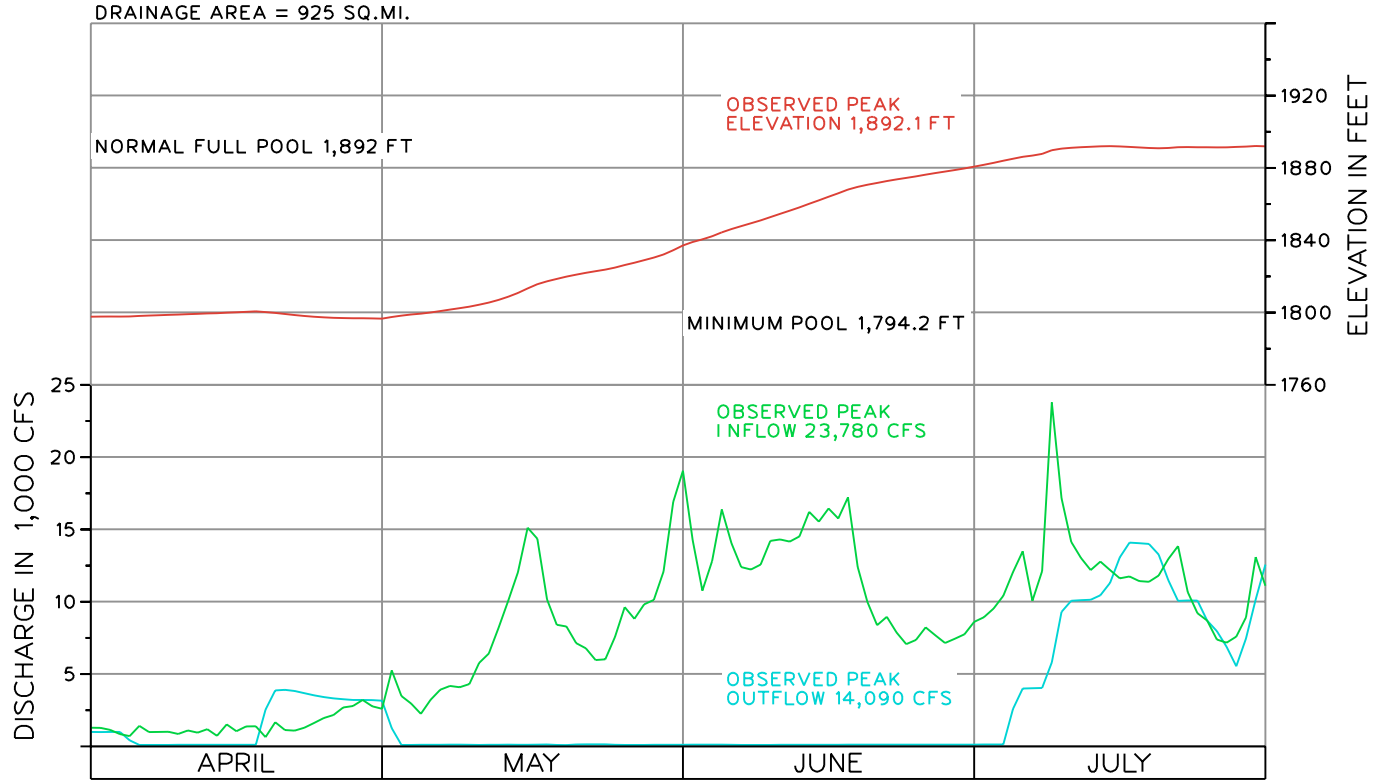
1997 FLOOD REGULATION
KOOTENAI RIVER AT LIBBY PROJECT, MONTANA

Chart 59



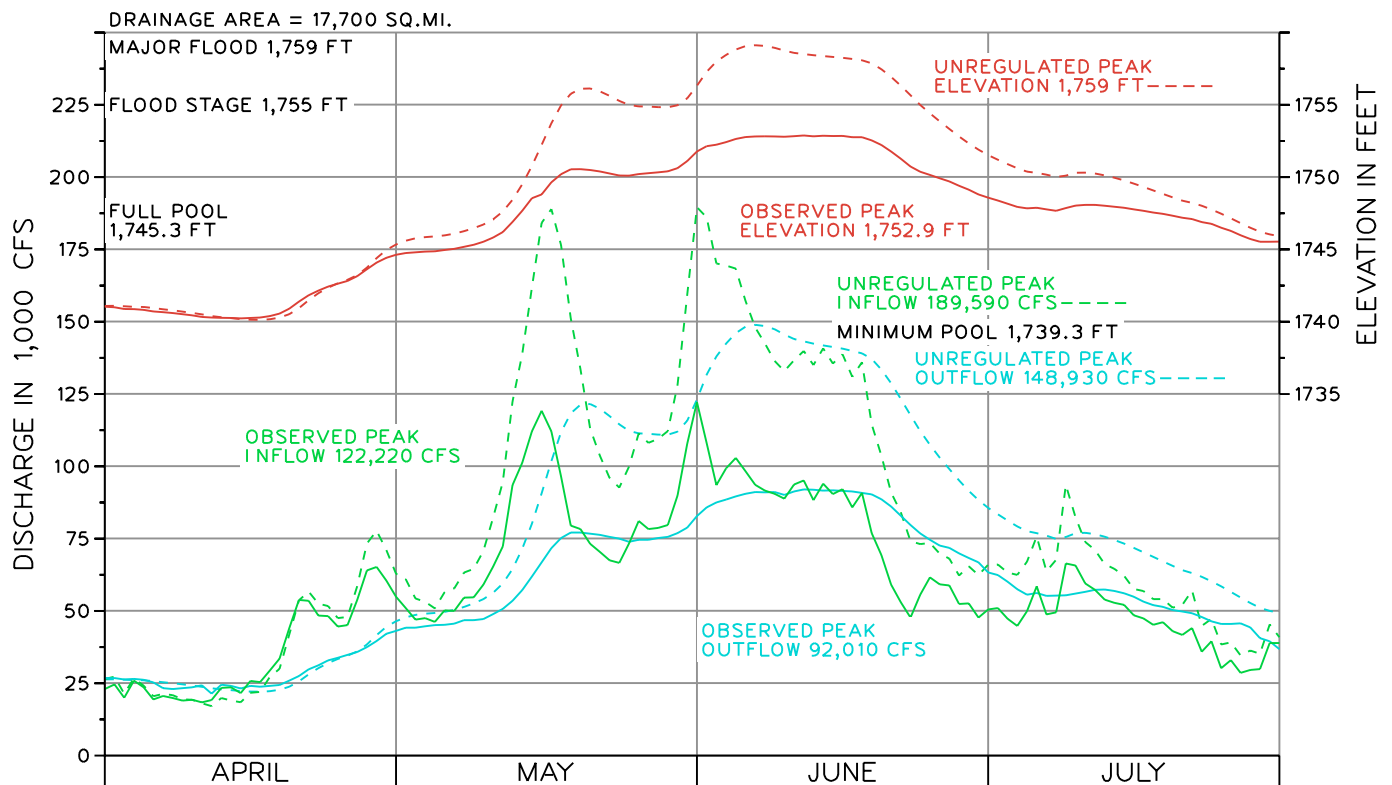
1997 FLOOD REGULATION
KOOTENAI RIVER AT BONNERS FERRY, IDAHO

Chart 60



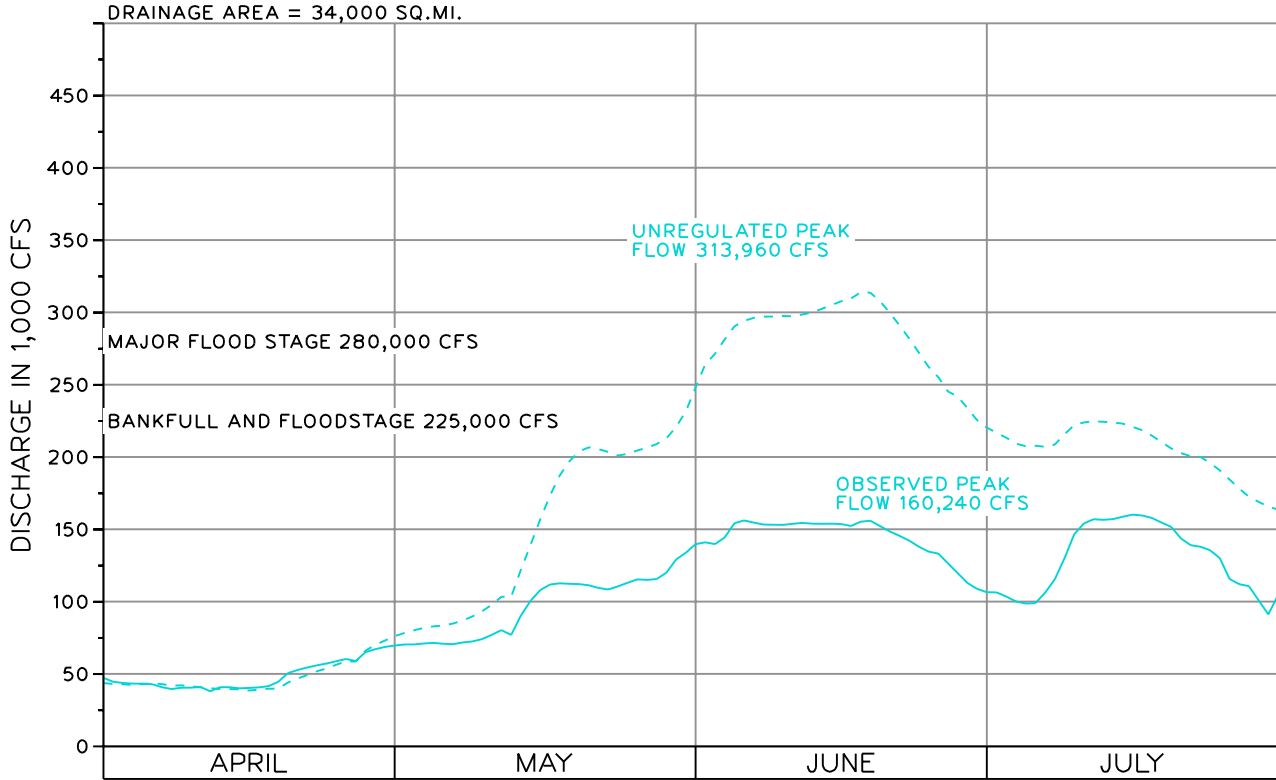
1997 FLOOD REGULATION
DUNCAN RIVER AT DUNCAN PROJECT, BRITISH COLUMBIA

Chart 61



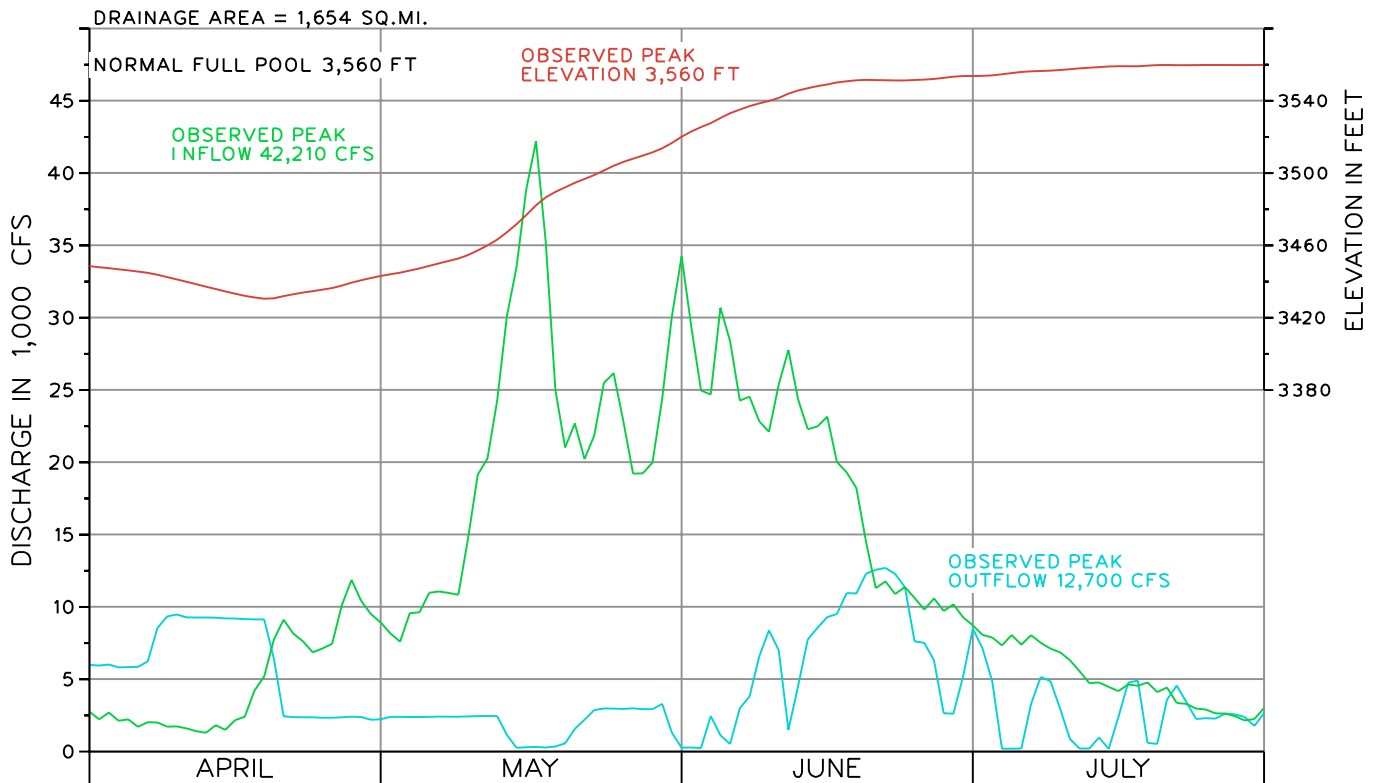
1997 FLOOD REGULATION
KOOTENAY RIVER AT KOOTENAY LAKE, BRITISH COLUMBIA

Chart 62



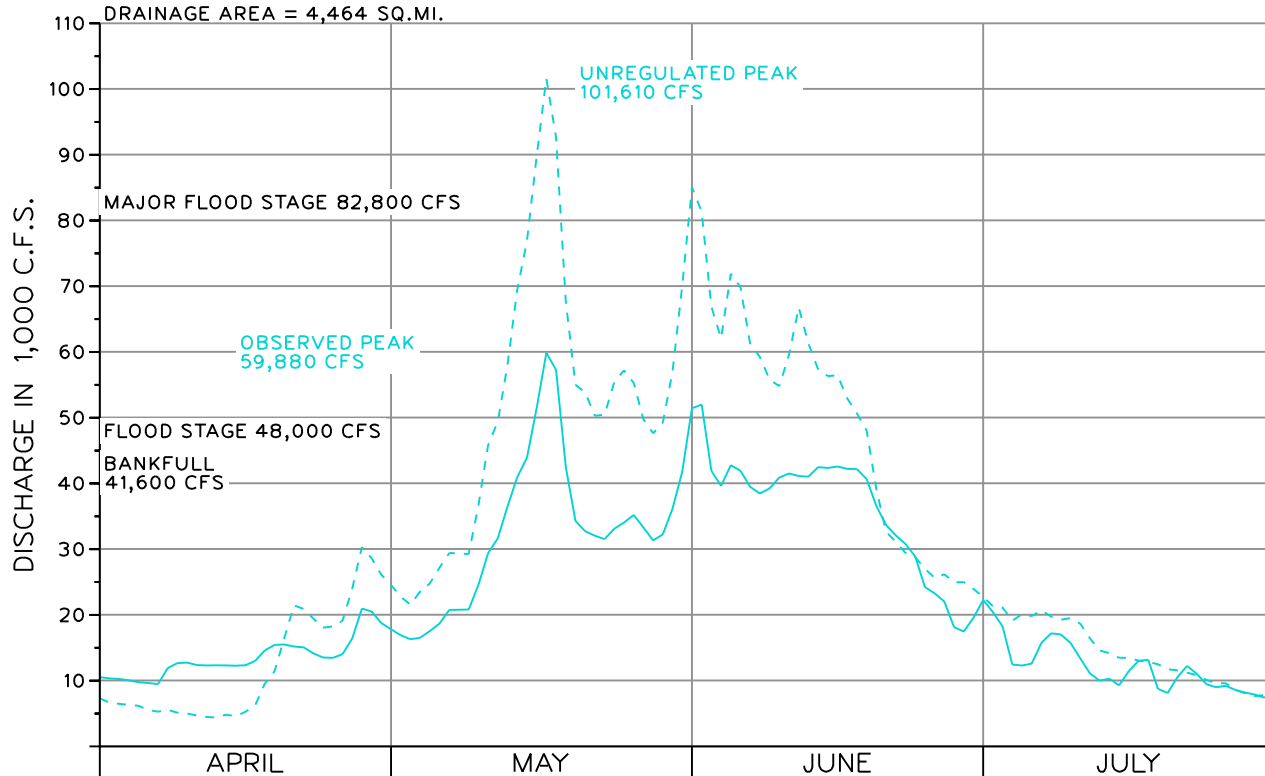
**1997 FLOOD REGULATION
COLUMBIA RIVER AT BIRCHBANK, BRITISH COLUMBIA**

Chart 63



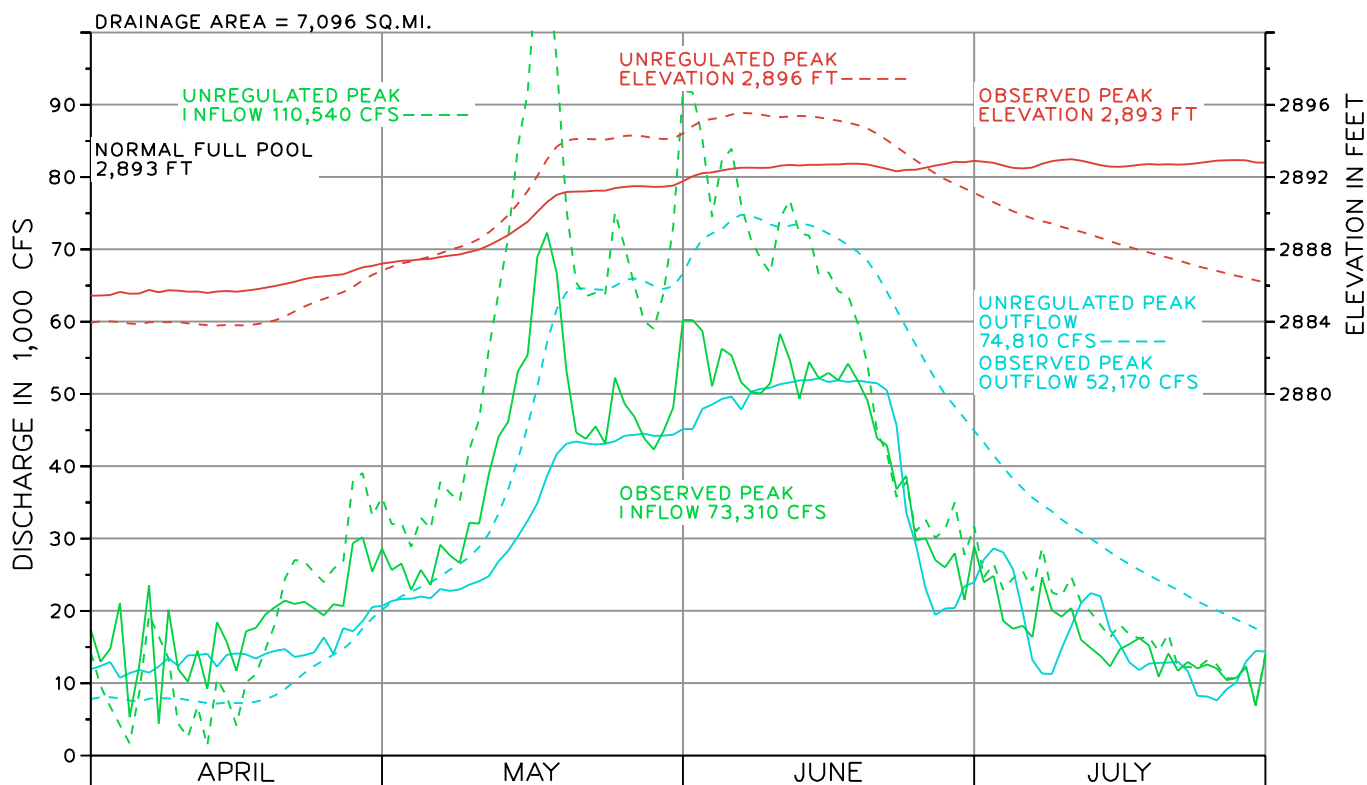
**1997 FLOOD REGULATION
SOUTH FORK FLATHEAD RIVER AT HUNGRY HORSE, MONTANA**

Chart 64



**1997 FLOOD REGULATION
FLATHEAD RIVER AT COLUMBIA FALLS, MONTANA**

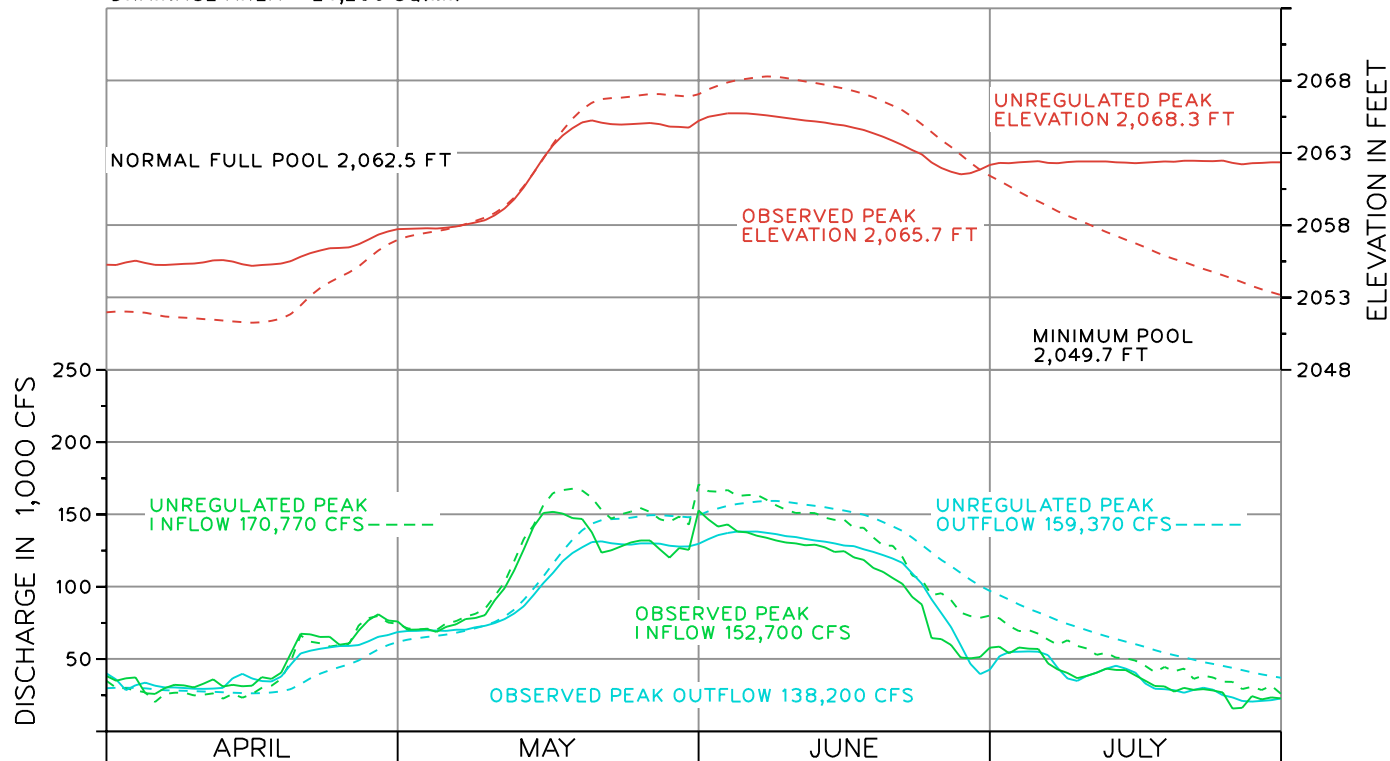
Chart 65



**1997 FLOOD REGULATION
FLATHEAD RIVER AT FLATHEAD LAKE, MONTANA**

Chart 66

DRAINAGE AREA = 24,200 SQ.MI.

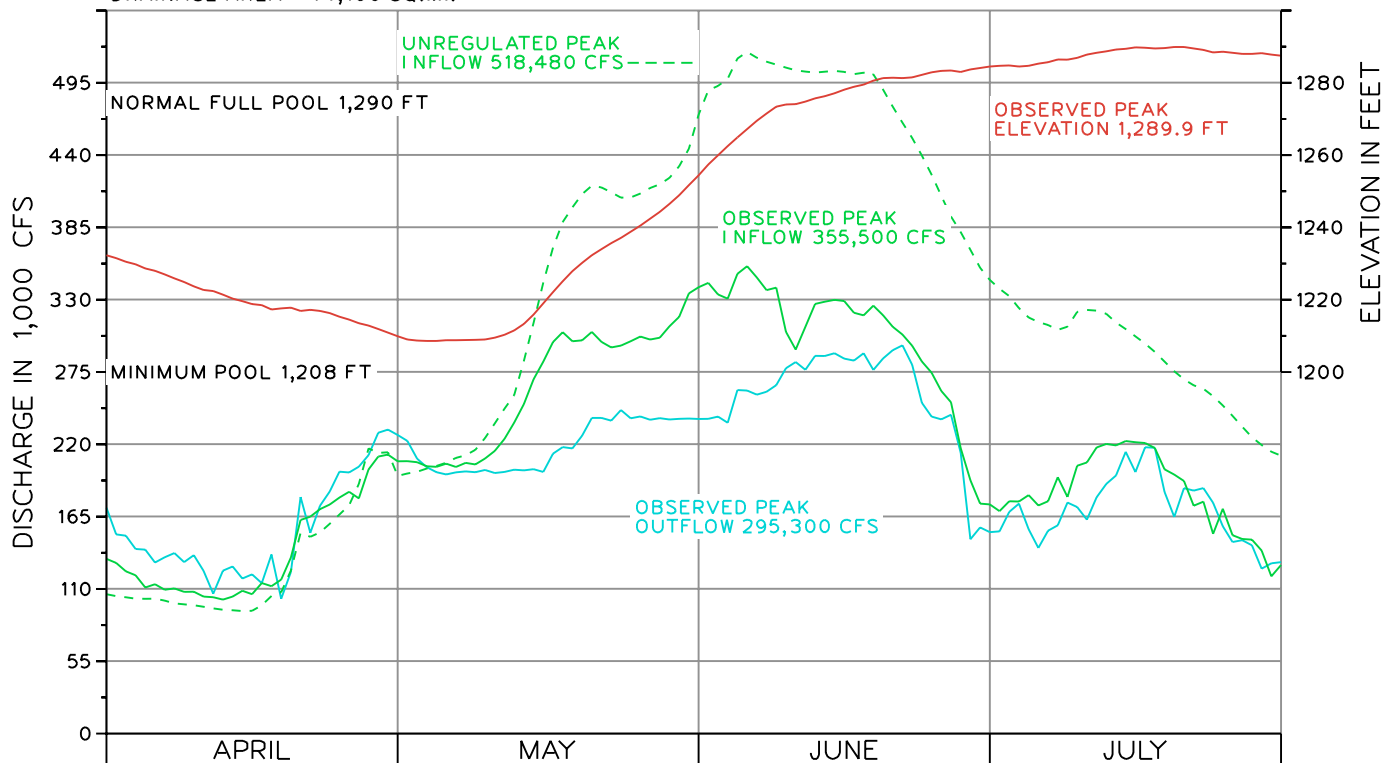


1997 FLOOD REGULATION

PEND OREILLE RIVER AT PEND OREILLE LAKE, IDAHO

Chart 67

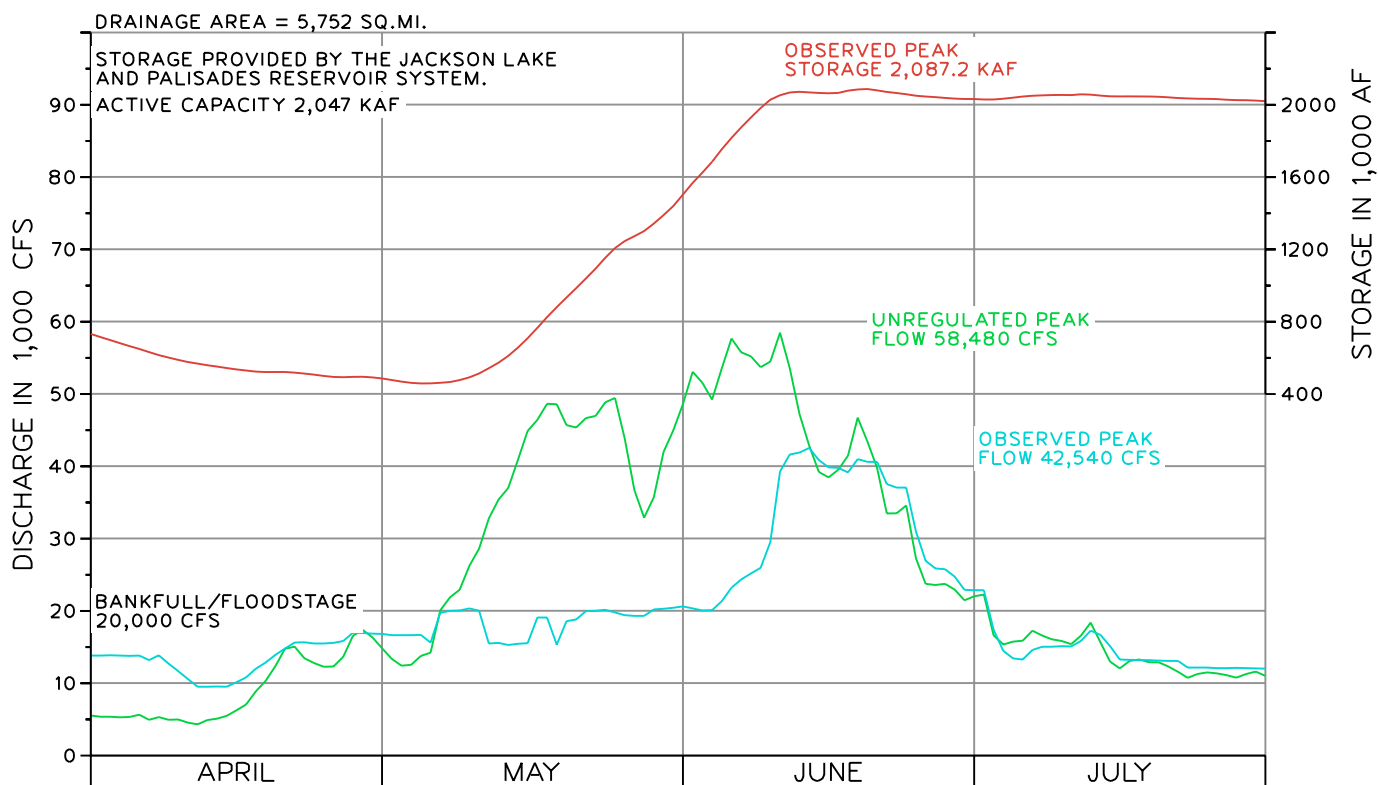
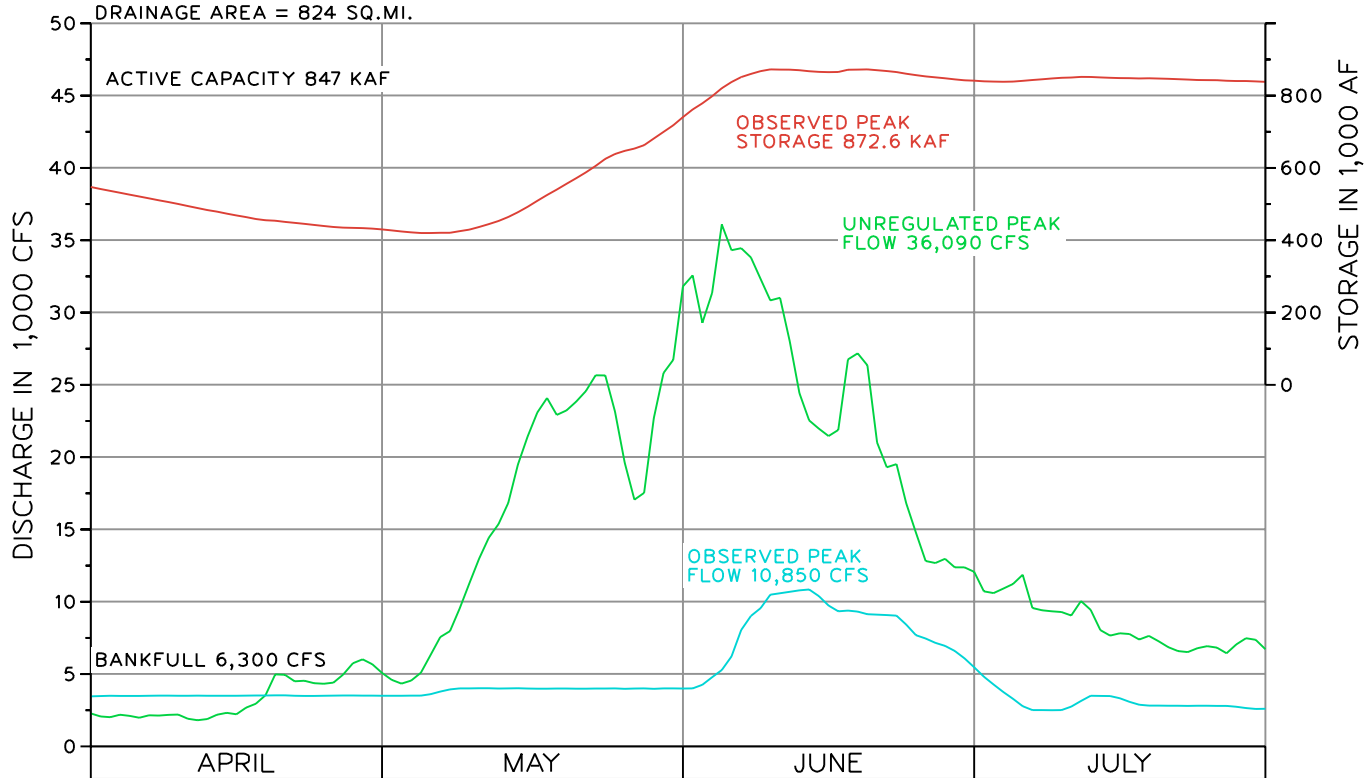
DRAINAGE AREA = 74,100 SQ.MI.



1997 FLOOD REGULATION

COLUMBIA RIVER AT GRAND COULEE PROJECT, WASHINGTON

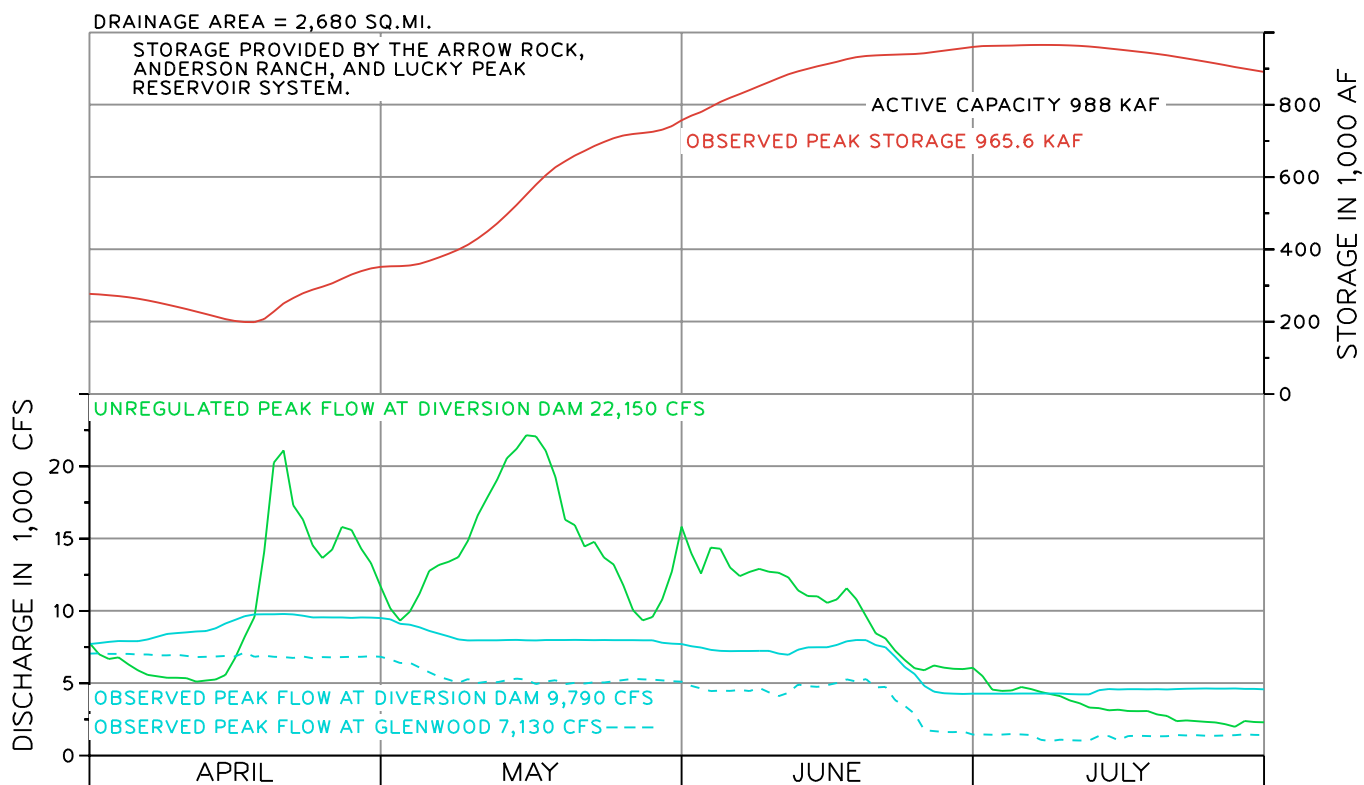
Chart 68





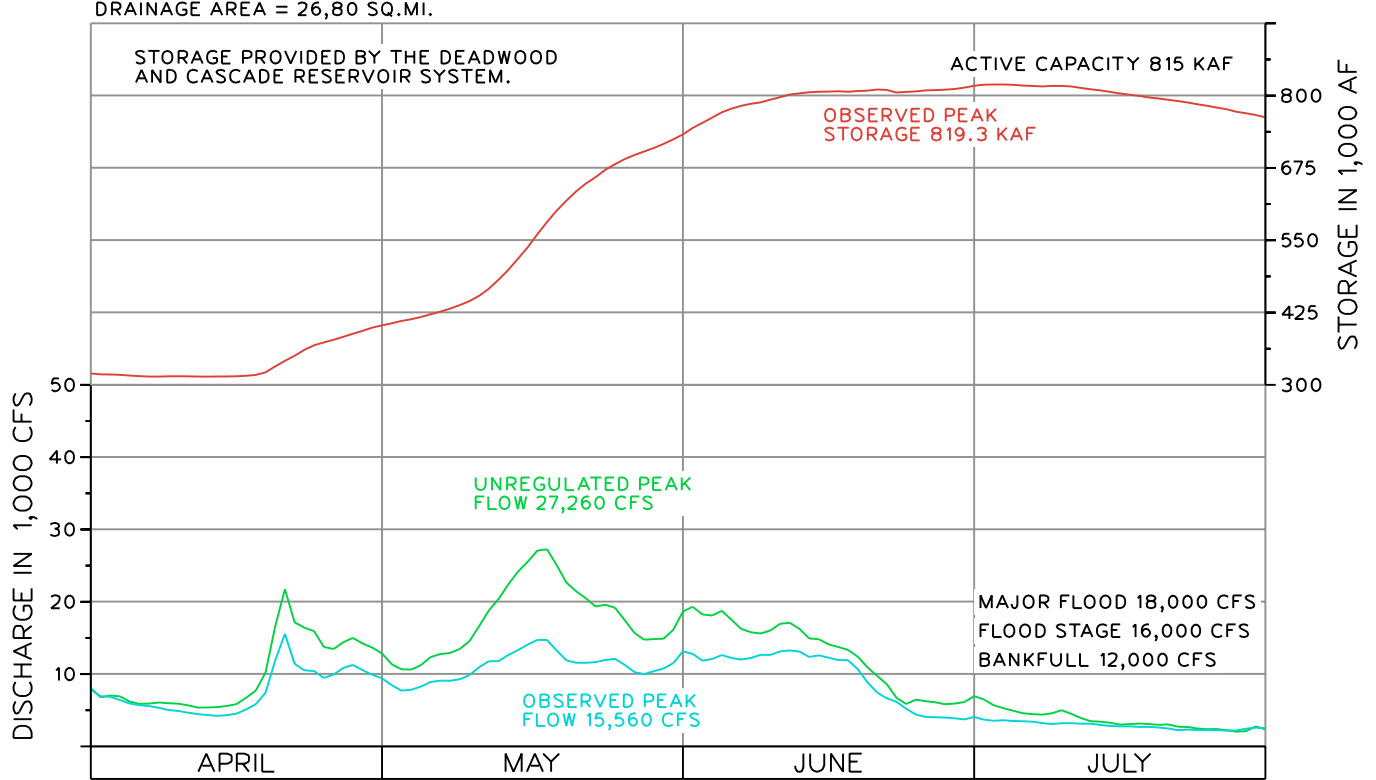
1997 FLOOD REGULATION
SNAKE RIVER NEAR SHELLEY, IDAHO

Chart 71



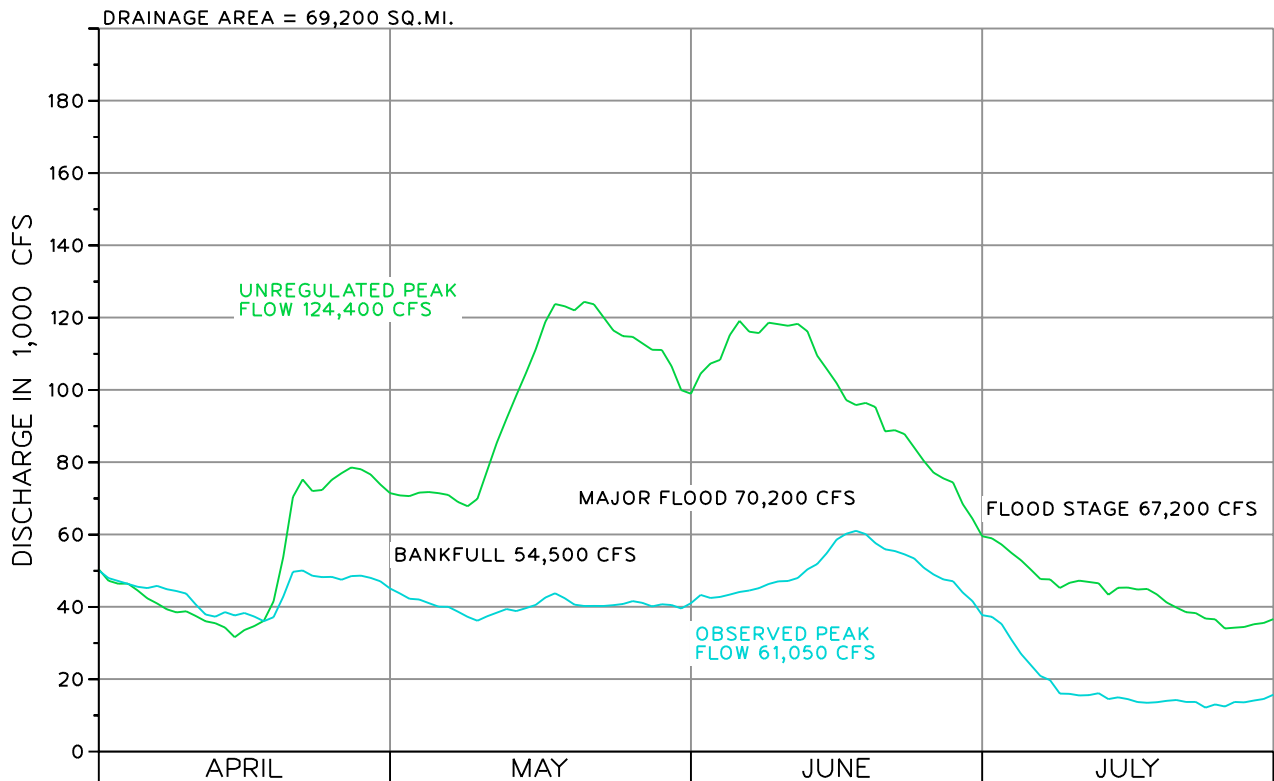
1997 FLOOD REGULATION
BOISE RIVER AT AND NEAR BOISE, IDAHO

Chart 72



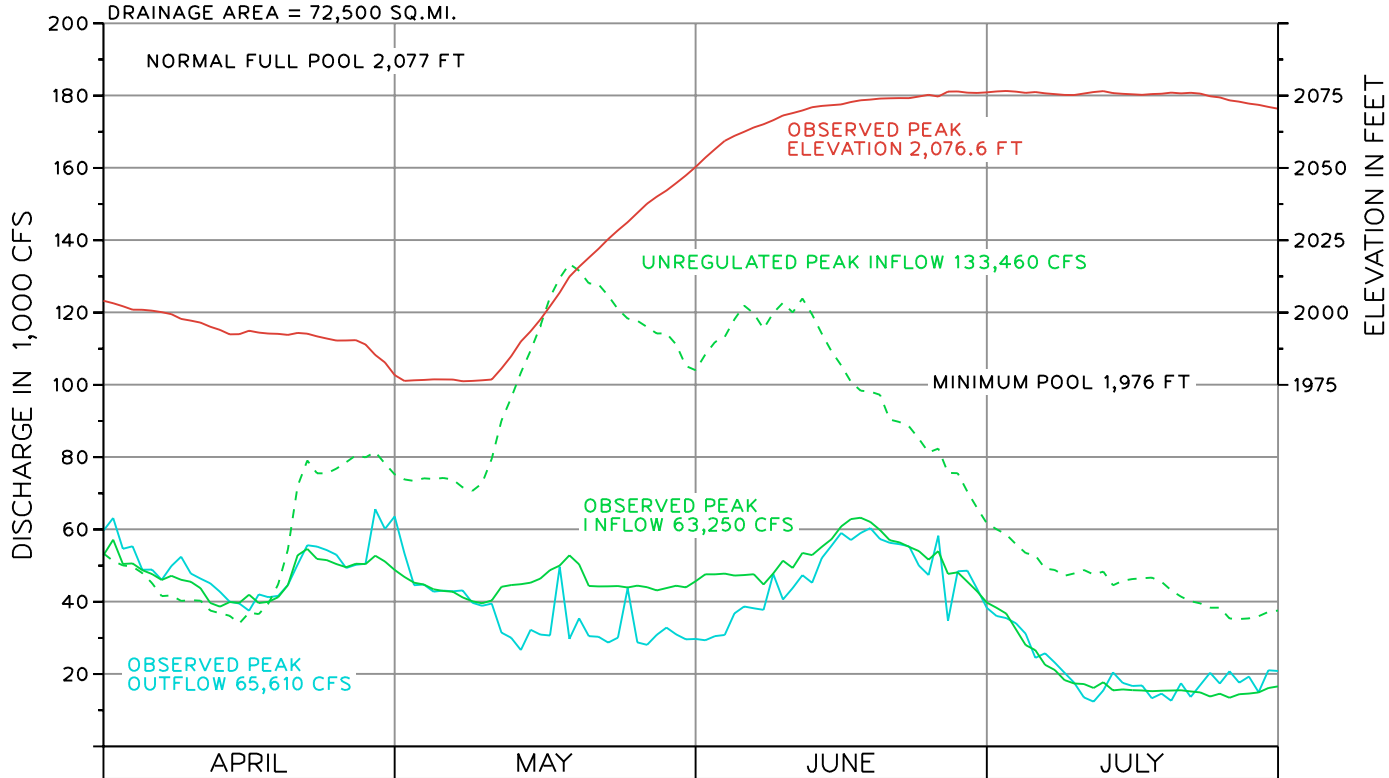
1997 FLOOD REGULATION
PAYETTE RIVER NEAR EMMETT, IDAHO

Chart 73



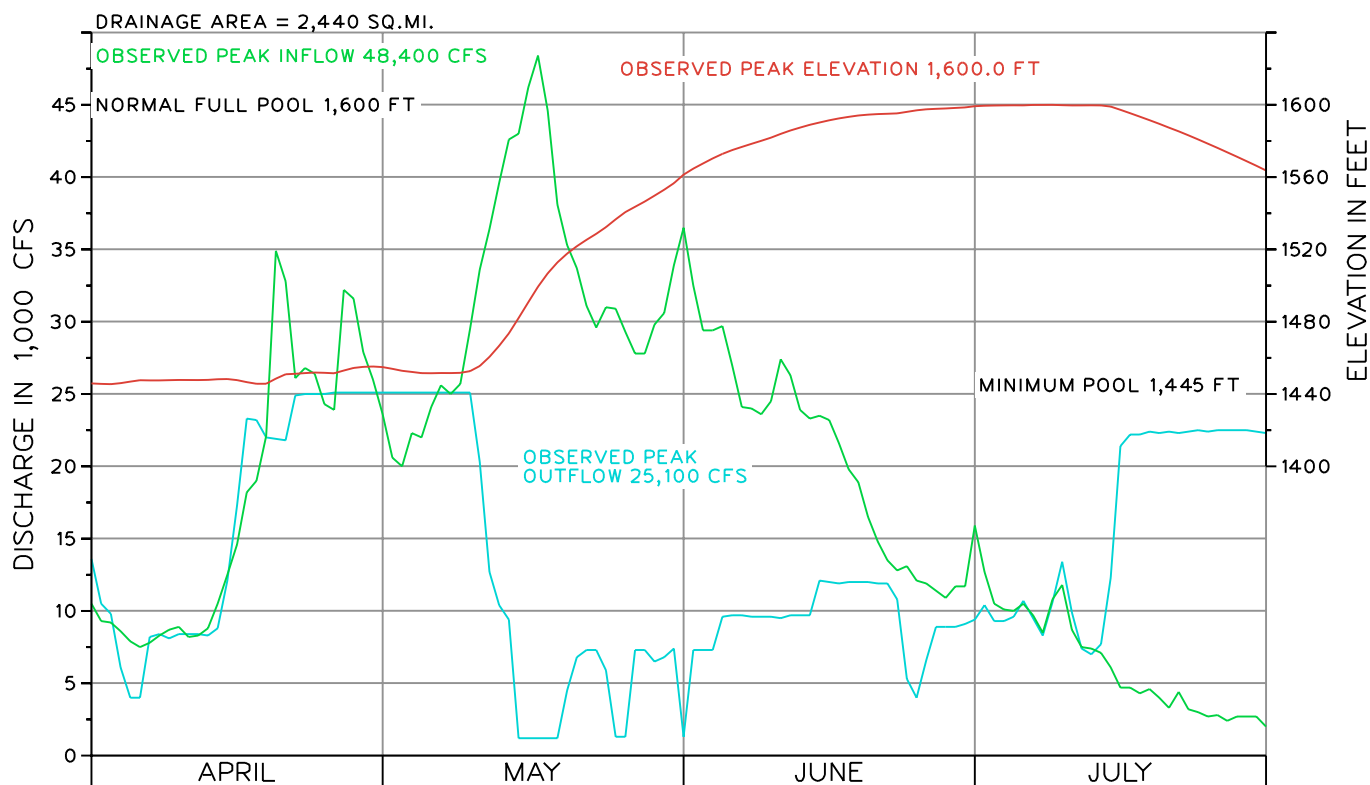
1997 FLOOD REGULATION
SNAKE RIVER AT WEISER, IDAHO

Chart 74



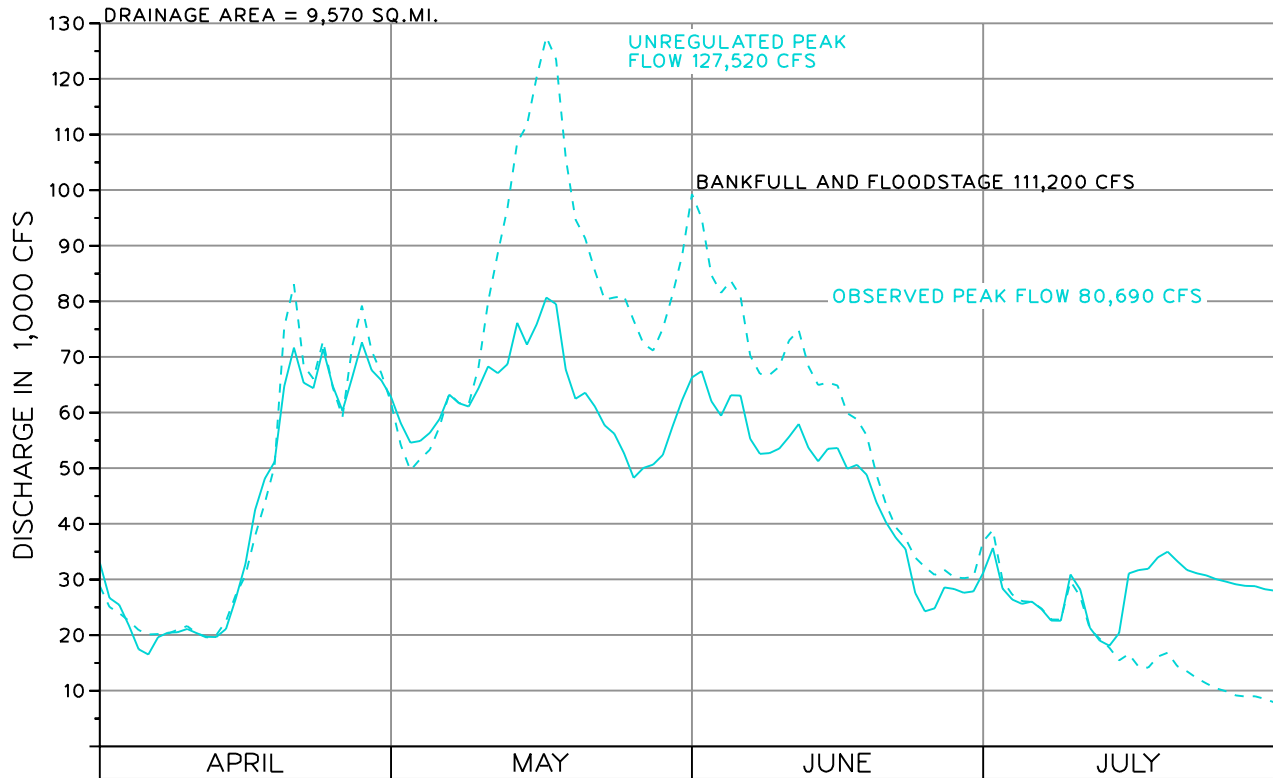
1997 FLOOD REGULATION
SNAKE RIVER AT BROWNLEE PROJECT, IDAHO-OREGON

Chart 75



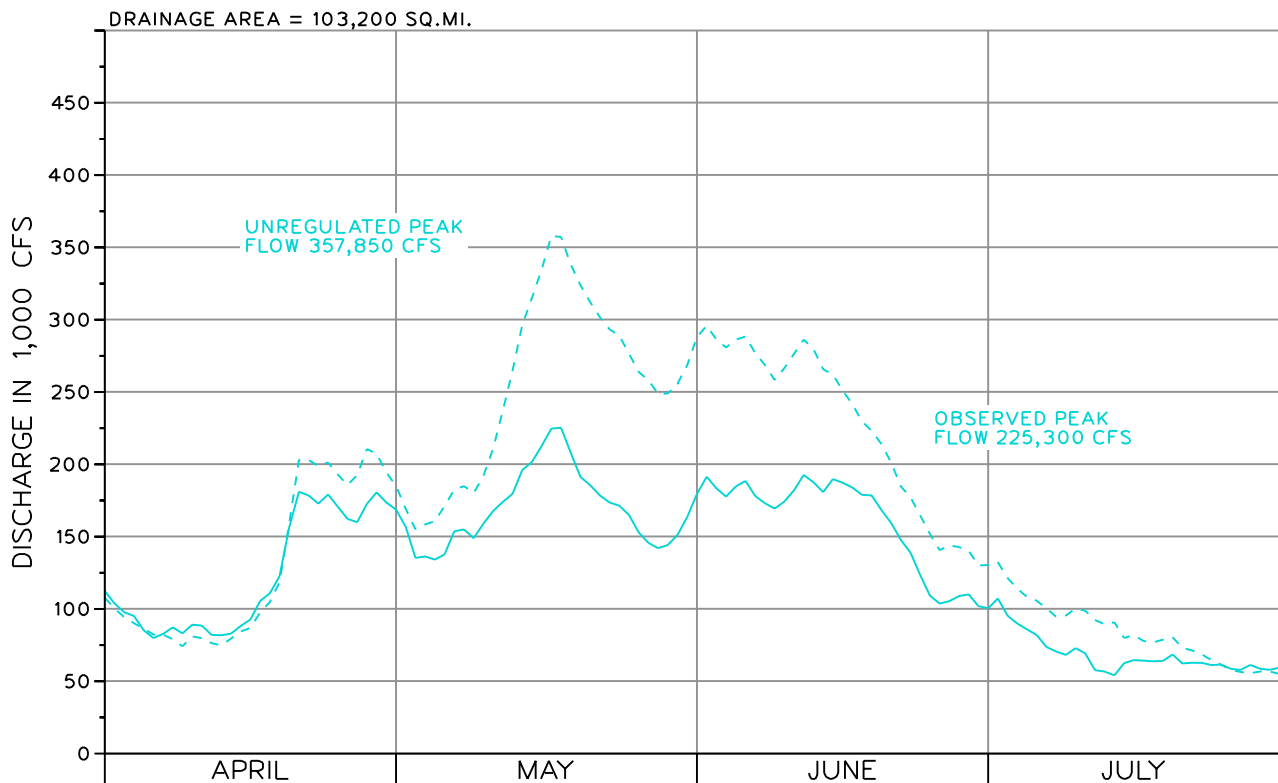
1997 FLOOD REGULATION
NORTH FORK CLEARWATER RIVER AT DWORSHAK PROJECT, IDAHO

Chart 76



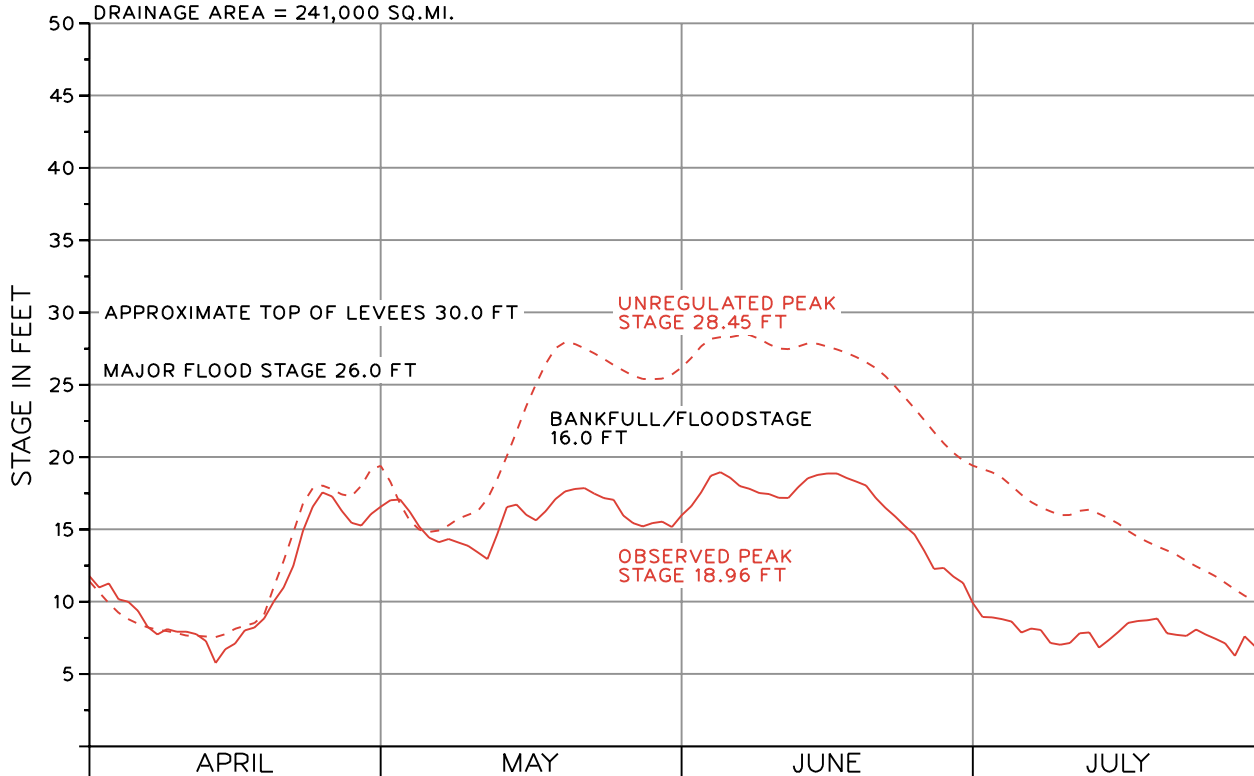
1997 FLOOD REGULATION
CLEARWATER RIVER AT SPALDING, IDAHO

Chart 77



1997 FLOOD REGULATION
SNAKE RIVER BELOW LOWER GRANITE DAM, WASHINGTON

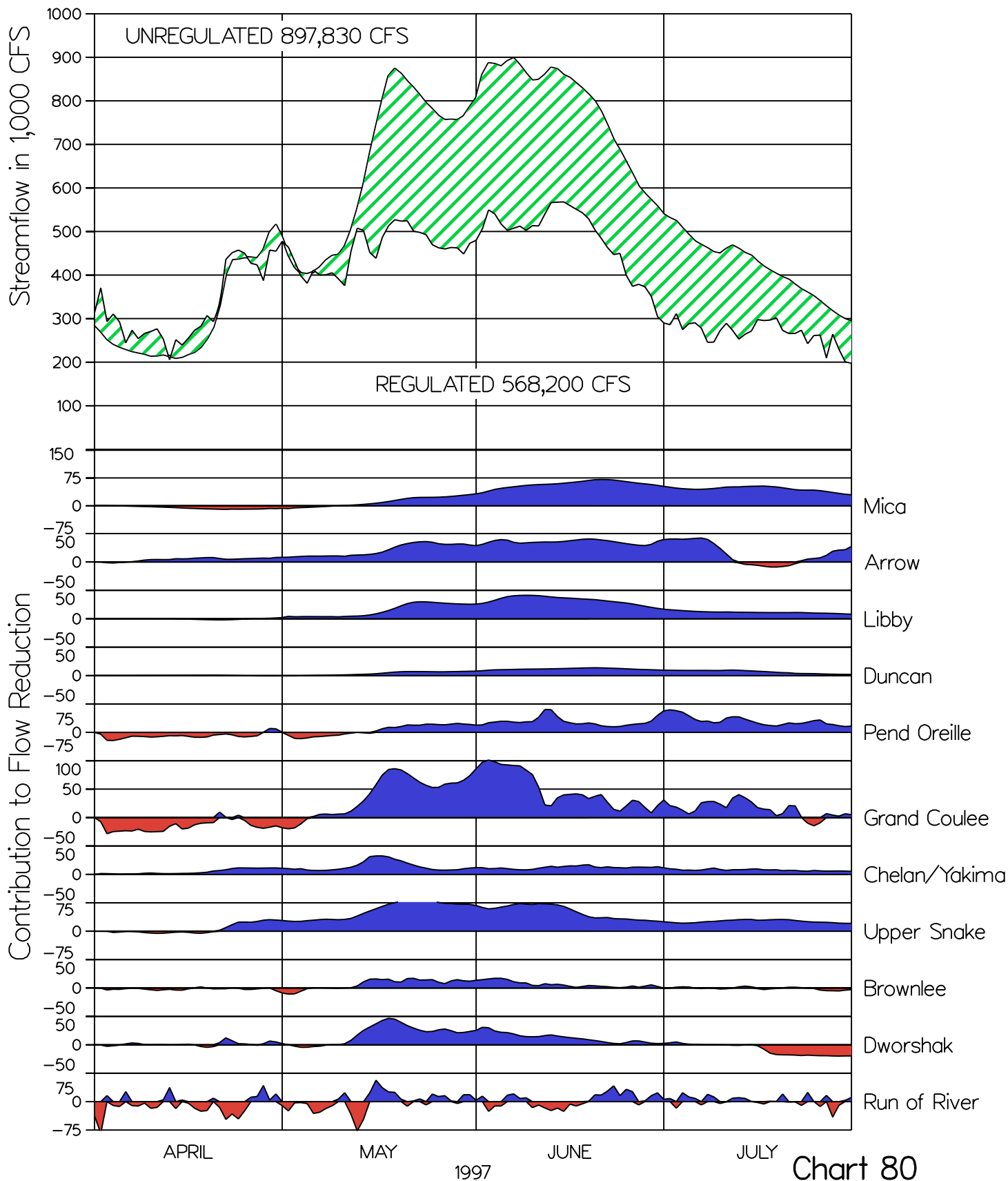
Chart 78

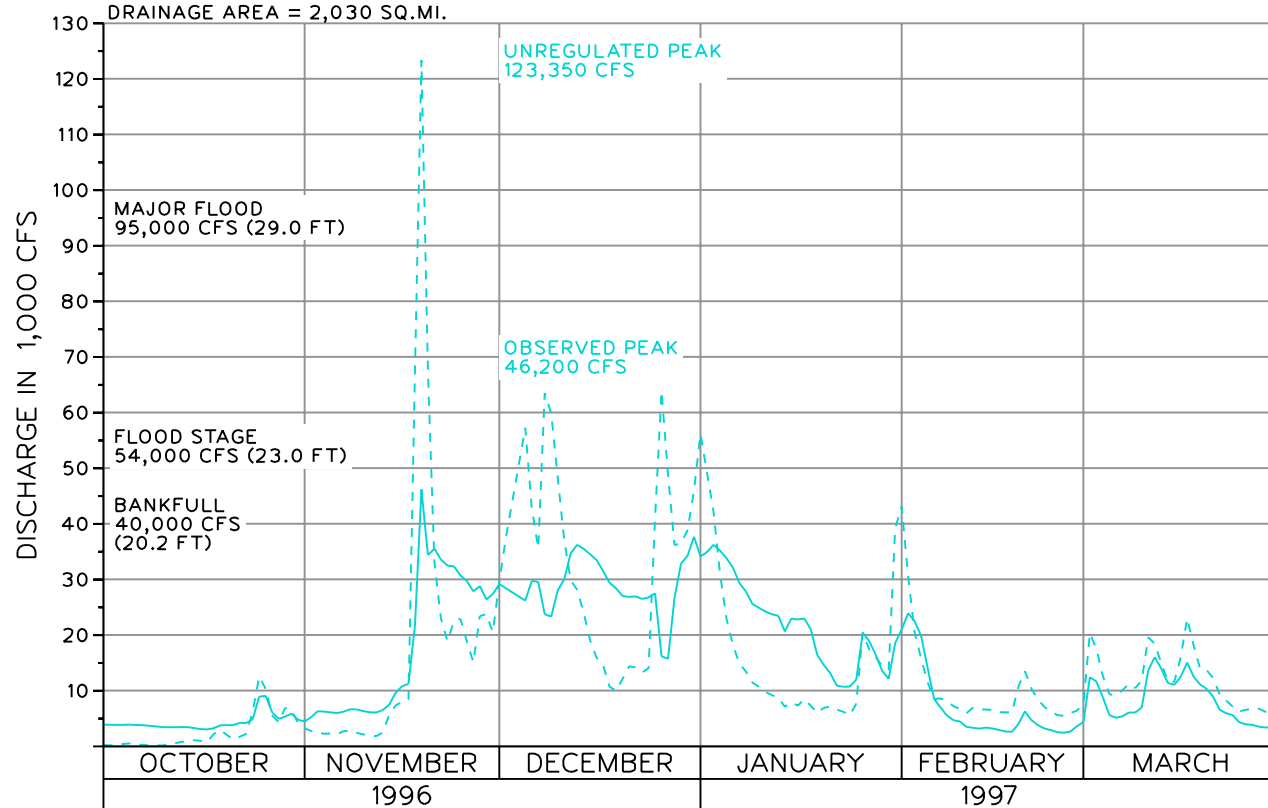


1997 FLOOD REGULATION
COLUMBIA RIVER AT VANCOUVER, WASHINGTON

Chart 79

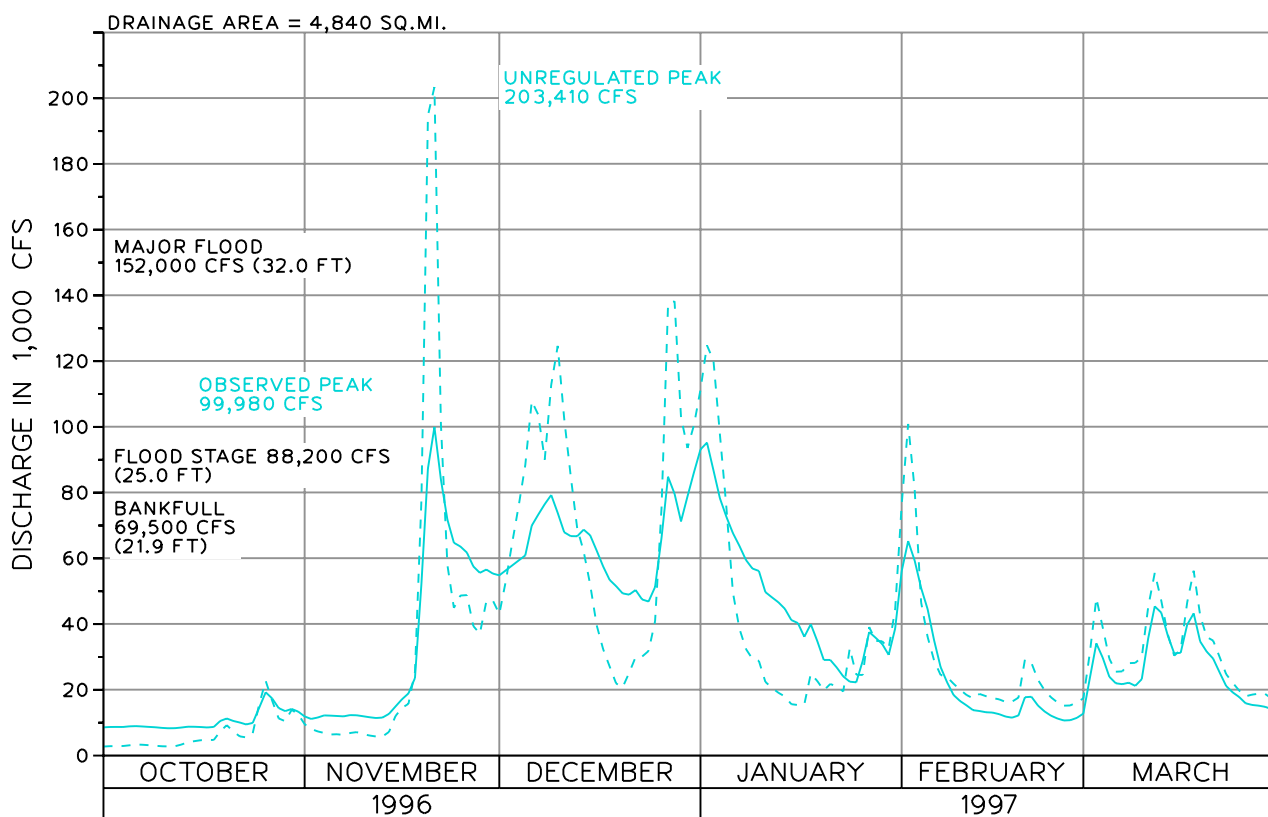
1997 FLOOD REGULATION Columbia River at The Dalles





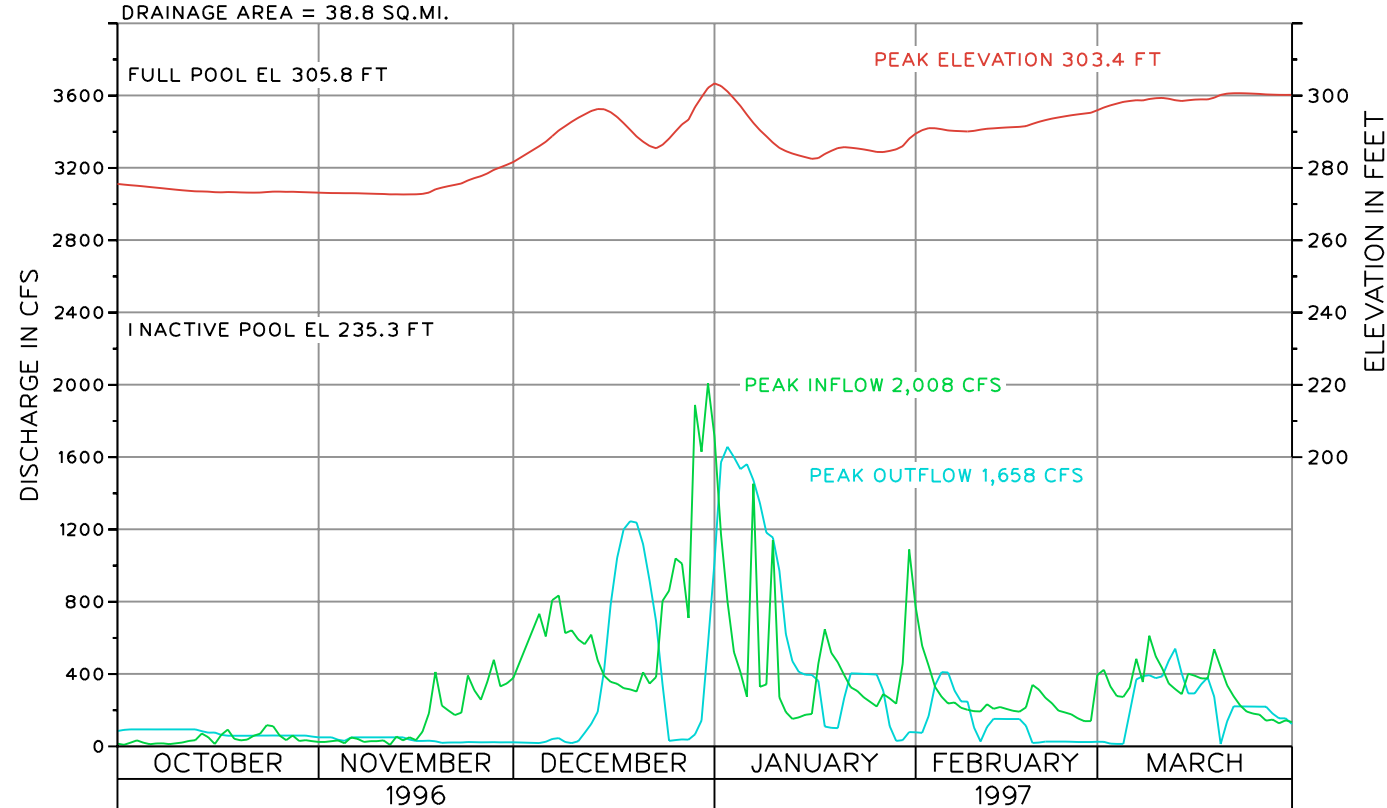
**1996/97 FLOOD REGULATION
WILLAMETTE RIVER AT EUGENE, OREGON**

Chart 81



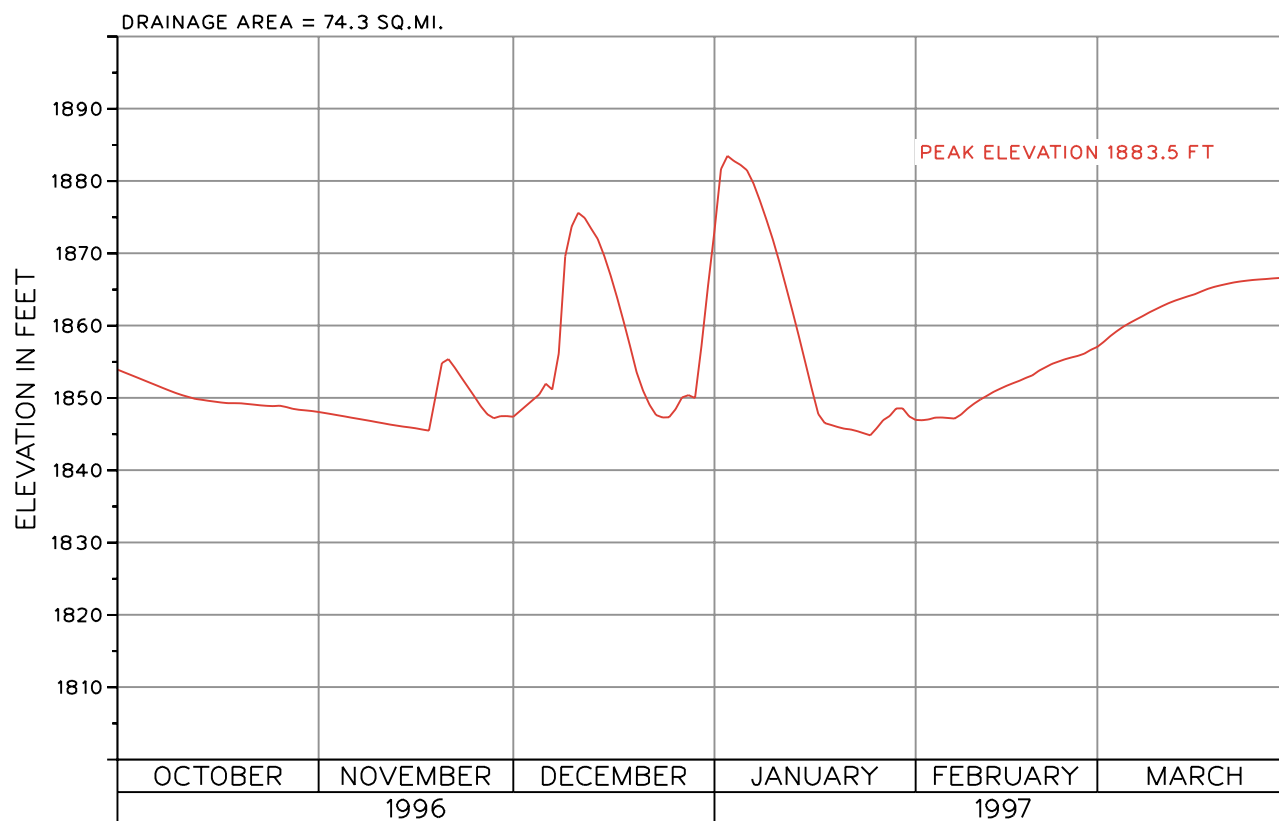
**1996/97 FLOOD REGULATION
WILLAMETTE RIVER AT ALBANY, OREGON**

Chart 82



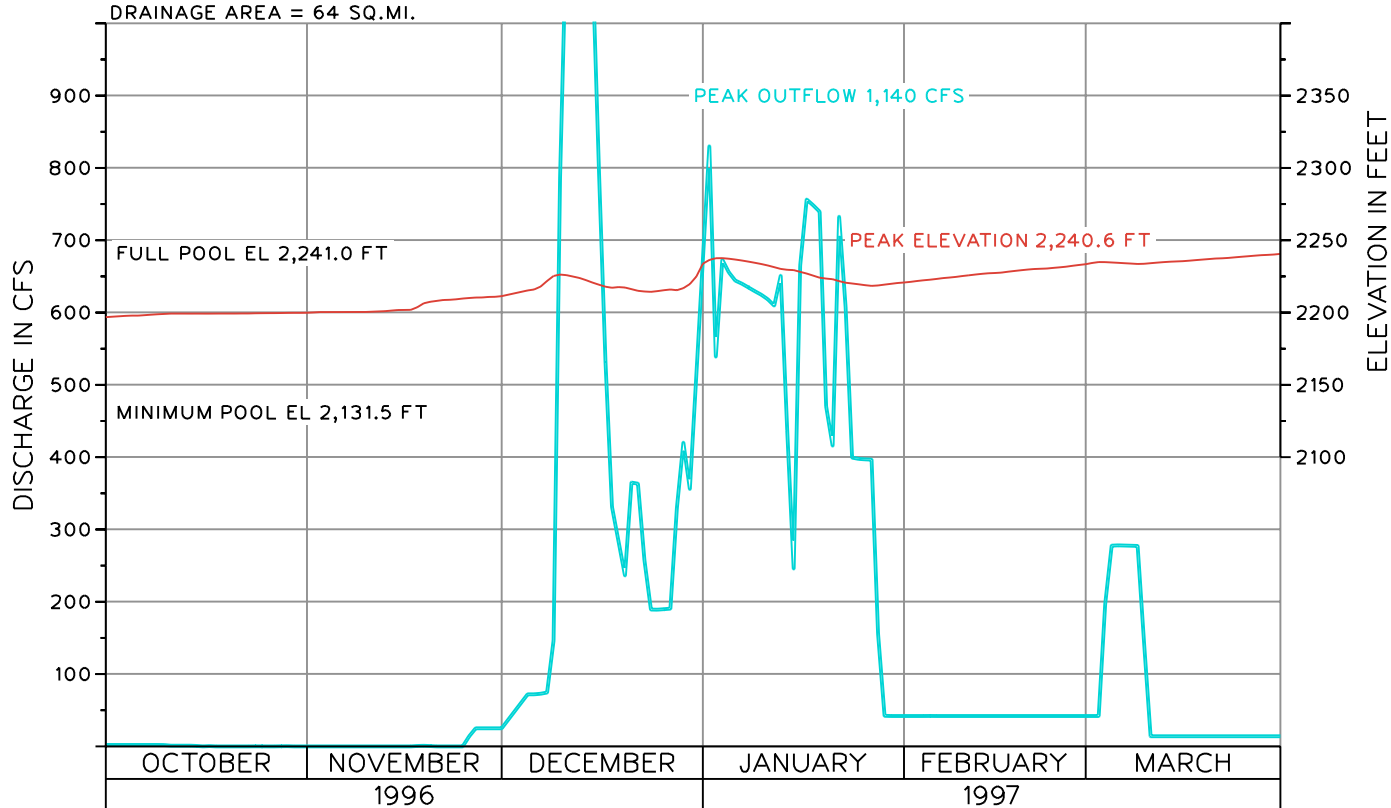
**1996/97 FLOOD REGULATION
SCOGGINS DAM & HENRY HAGG LAKE NEAR GASTON, OREGON**

Chart 85



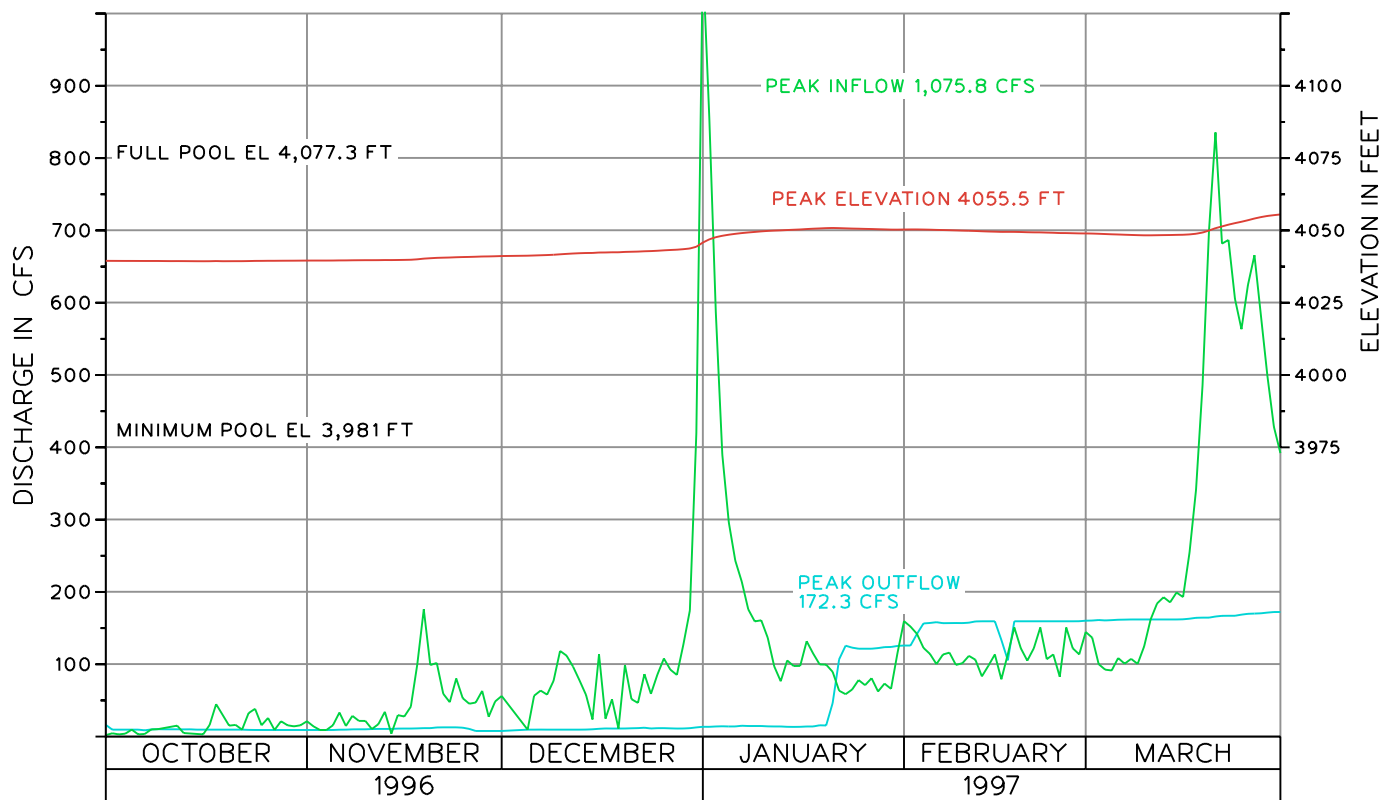
**1996/97 FLOOD REGULATION
GALESVILLE RESERVOIR NEAR AZALEA, OREGON**

Chart 86



1996/97 FLOOD REGULATION
EMIGRANT DAM & RESERVOIR NEAR TALENT, OREGON

Chart 87



1996/97 FLOOD REGULATION
MASON DAM & PHILLIPS LAKE NEAR BAKER, OR

Chart 88

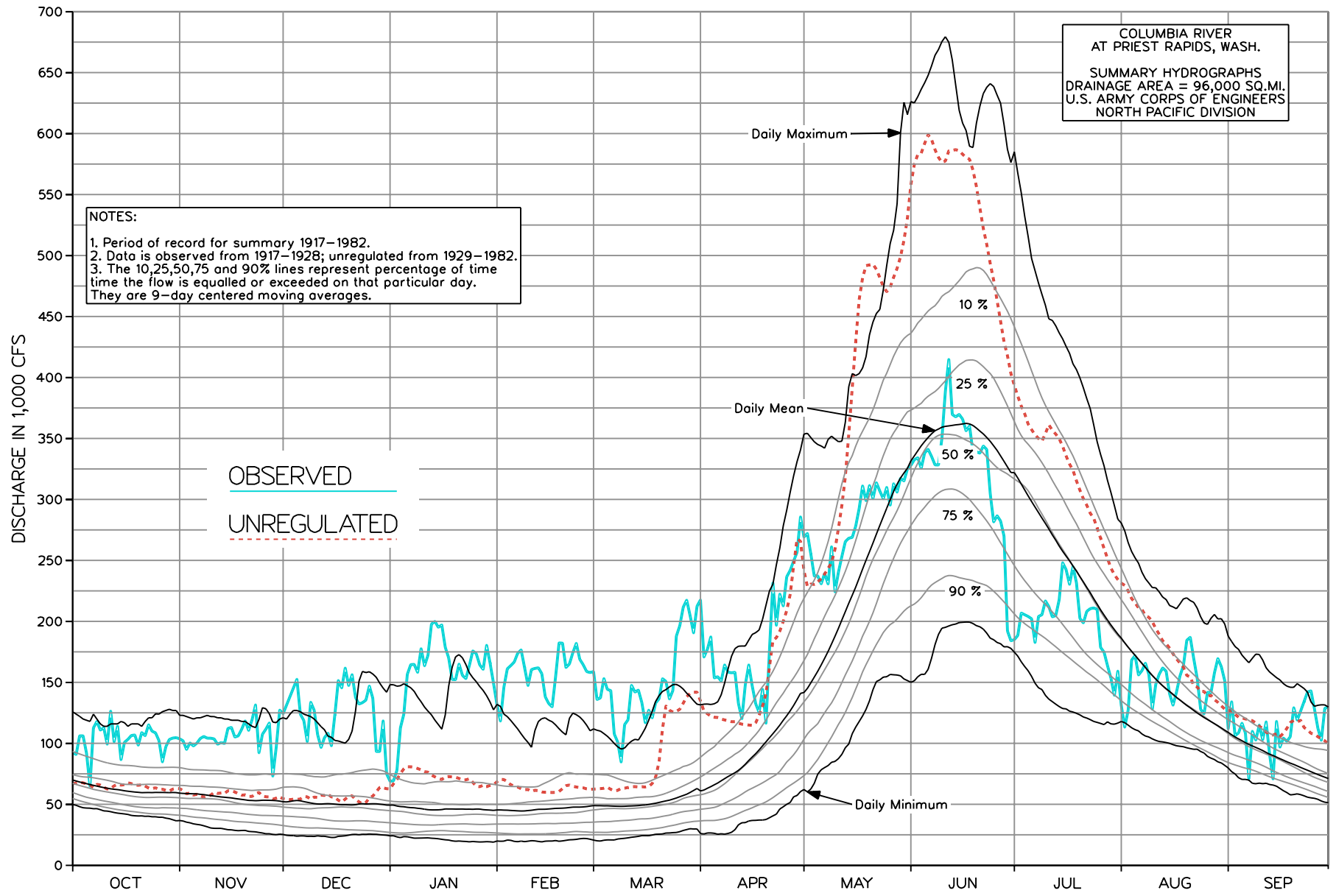


CHART NO. 89

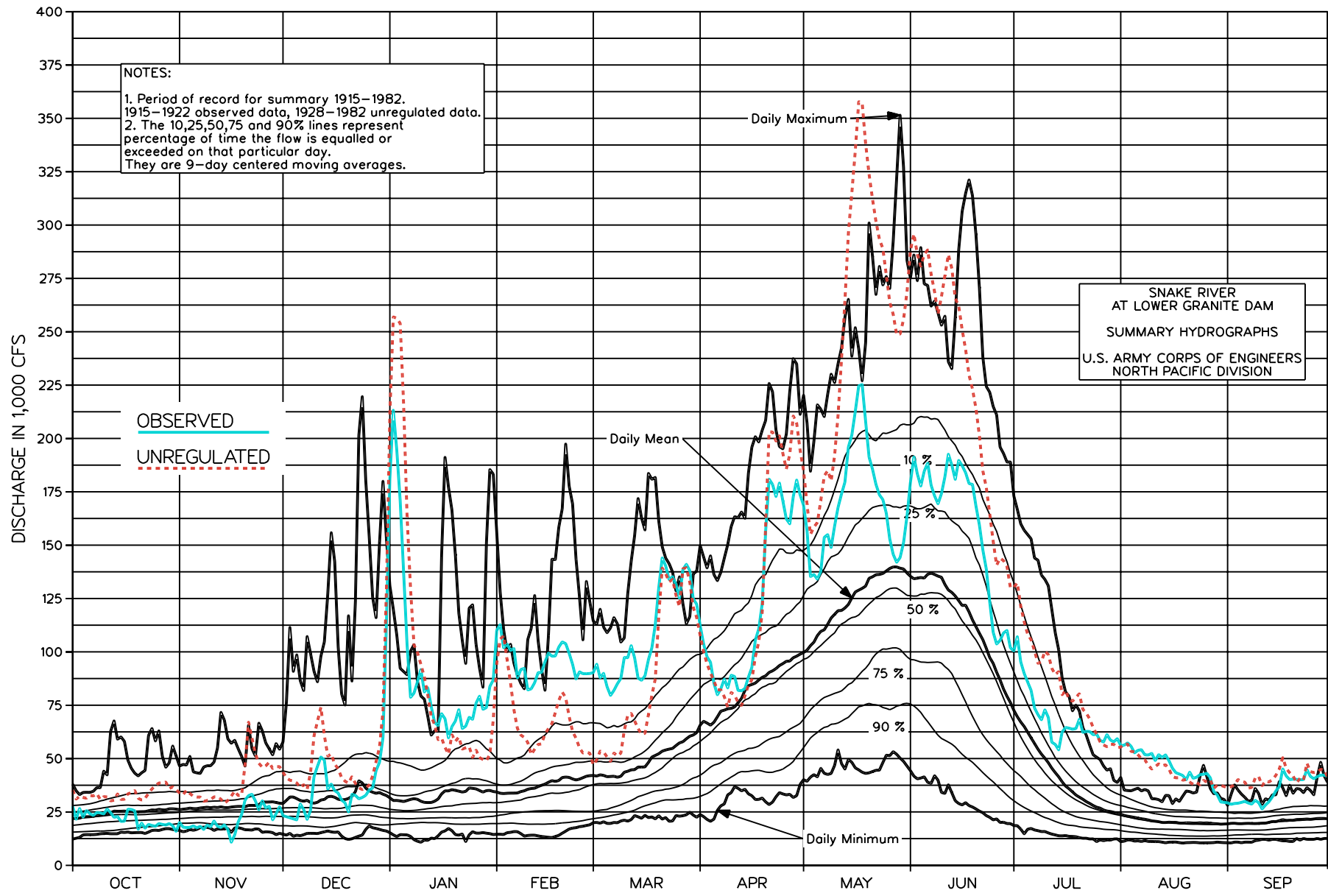


CHART NO. 90

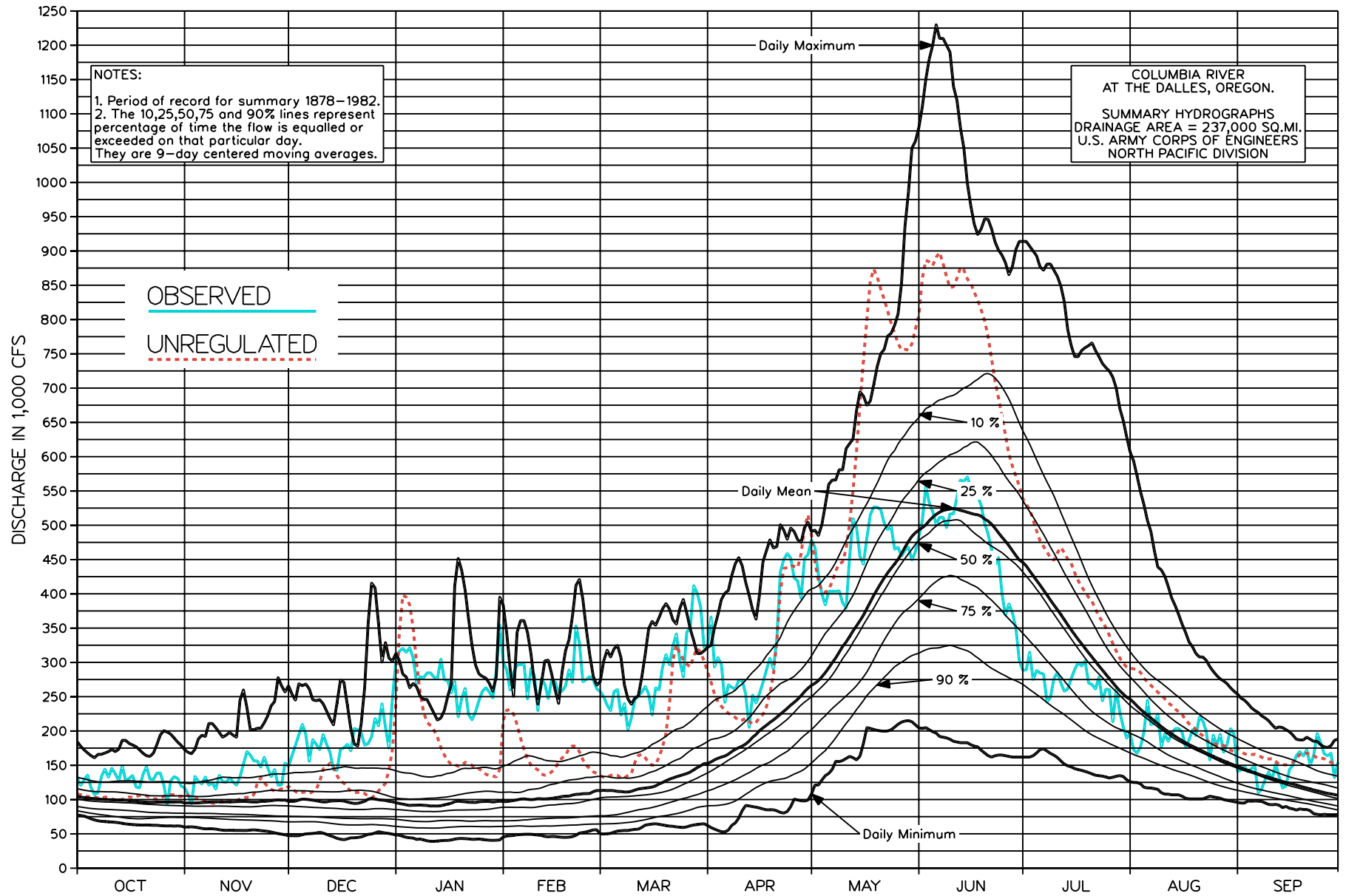


CHART NO. 91

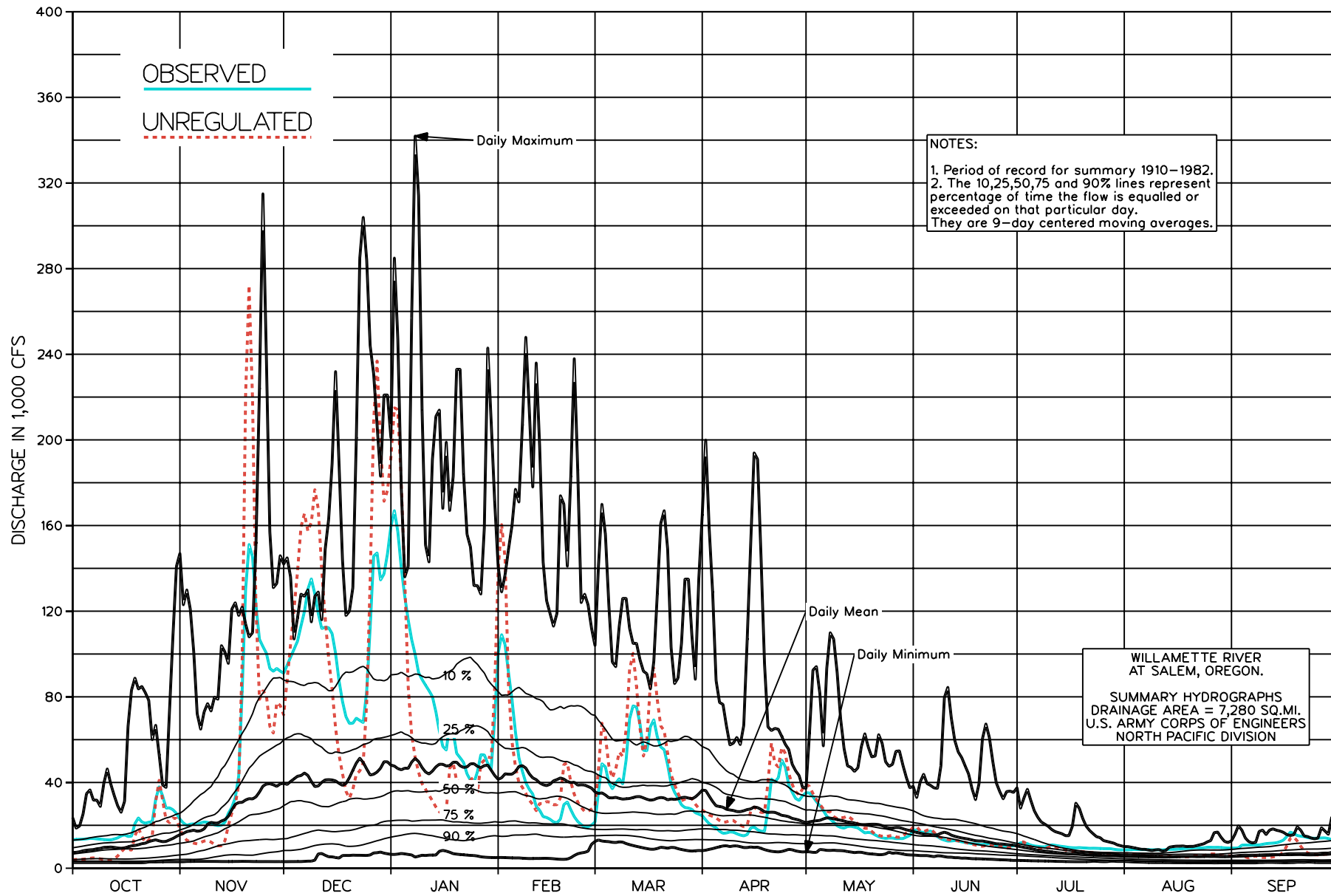


CHART NO. 92