

PREPARATION OF AVERAGE ANNUAL RUNOFF MAP OF THE UNITED STATES, 1951-80

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U.S. Geological Survey

Open-File Report 87-535



Madison, Wisconsin
1989

APPENDIX C

List of Stations and Hydrologic Cataloging Units

List of the stations used in computing average annual runoff by hydrologic cataloging unit, or to define runoff variability for the national runoff map, together with their drainage areas, periods of record, mean discharge, and runoff.

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The following remarks codes for the unit averages indicate the primary methods used to compute the average runoff for the hydrologic cataloging units listed in Appendix C. Codes of more than one letter indicate a combination of methods.

- A=Complete 30 year record(s) within the unit.
- B=Less than 30 year record(s), extended by correlation.
- C=Less than 30 year record(s), without extension.
- D=Difference between two stations on a main stream.
- E=Estimated from runoff in adjacent units.
- F=Other estimation methods.

A code for a single station indicates the type or types of adjustment made to the runoff, and whether the station was used to determine the average runoff for the cataloging unit or was used to define variability of runoff within the unit or both.

- I=Adjusted for diversions.
 - S=Short record adjusted to 1951-80 period.
 - M=Station used to determine average runoff for a cataloging unit.
 - V=Station used to determine variability of runoff within the unit.
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Appendix C.--List of the stations used in computing average annual runoff by hydrologic cataloging unit, or to define runoff variability for the national runoff map, together with their drainage areas, periods of record, mean discharge, and runoff--Continued
[mi², square miles; ft³/s, cubic feet per second; in., inches]

Station number	Station name	Drainage area (mi ²)	Years of record	Mean discharge (ft ³ /s)	Runoff (in.)	Adjusted runoff (in.)	Remarks code
<u>Hydrologic cataloging unit:</u> 15050100							
09478500	Queen Creek at Whitlow Dam site near Superior, Ariz.	144	8	4.74	0.45	0.42	S,M
09479200	Queen Creek tributary at Apache Junction, Ariz.	0.51	7	0.01	0.27	0.49	S,V
	Average for Unit				0.42		B
<u>Hydrologic cataloging unit:</u> 15050201							
	Average for Unit				0.30		E
<u>Hydrologic cataloging unit:</u> 15050202							
09470500	San Pedro River at Palominas, Ariz.	741	30	31.6	0.58		V
09471000	San Pedro River at Charleston, Ariz.	1,219	30	50.1	0.56		V
09471550	San Pedro River near Tombstone, Ariz.	1,740	13	49.2	0.38	0.51	I,M
	Average for Unit				0.51		B
<u>Hydrologic cataloging unit:</u> 15050203							
09471800	San Pedro River near Benson, Ariz.	2,500	10	31.9	0.17	0.26	S,V,M
09472000	San Pedro River near Redington, Ariz.	2,939	30	46.5	0.21	0.43	I,S,V
09473000	Aravaipa Creek near Mammoth, Ariz.	541	14	29.5	0.74	0.27	S,V
09473500	San Pedro River at Winkelman, Ariz.	4,471	12	49.1	0.15	0.19	I,S,V,M
	Average for Unit				0.18		D
<u>Hydrologic cataloging unit:</u> 15050301							
09480000	Santa Cruz River near Lochiel, Ariz.	82.2	30	3.13	0.52	0.66	I,V
09480500	Santa Cruz River near Nogales, Ariz.	533	30	30.6	0.78	1.0	I,V
09481500	Sonoita Creek near Patagonia, Ariz.	209	22	8.89	0.58	0.65	S,V
09482000	Santa Cruz River at Continental, Ariz.	1,662	29	24.4	0.20	0.64	I,S,V
09482500	Santa Cruz River at Tucson, Ariz.	2,222	30	24.6	0.15	0.85	I,M
09482400	Airport Wash at Tucson, Ariz.	23.0	15	0.42	0.25	0.26	S,V
09482950	Railroad Wash at Tucson, Ariz.	2.30	5	0.21	1.24	1.1	S,V
09486300	Canada Del Oro near Tucson, Ariz.	250	13	1.56	0.08	0.08	S,V
	Average for Unit				0.85		A