Table 1. Names, station numbers, fraction of zeros, and period of record for each streamgage used in the Southeast Model Comparison.
[A description of GAGES-II can be found in Falcone and others (2010) and Falcone (2011)]

Station ID	Station Name	Classification (GAGES-II)	First Water Year	Last Water Year	Number of Complete Years	Zero-Flow Days (percent of record)	Drainage Area (square miles)	Mean Streamflow (cubic feet per second)
02177000	CHATTOOGA RIVER NEAR CLAYTON, GA	Ref	1981	2010	30	0.00%	203.39	611.00
02178400	TALLULAH RIVER NEAR CLAYTON, GA	Ref	1981	2010	30	0.00%	58.41	169.20
02185200	LITTLE RIVER NEAR WALHALLA, SC	Non-ref	1981	2003	23	0.00%	72.15	158.60
02186000	TWELVEMILE CREEK NEAR LIBERTY, SC	Non-ref	1990	2010	18	0.00%	104.15	177.30
02186645	CONEROSS CK NR SENECA, SC	Not in GAGES-II	1990	2003	14	0.00%	65.39	115.30
02191300	BROAD RIVER ABOVE CARLTON, GA	Non-ref	1998	2010	13	0.00%	756.25	871.50
02192000	BROAD RIVER NEAR BELL, GA	Non-ref	1981	2010	30	0.00%	1418.35	1588.00
02208450	ALCOVY RIVER ABOVE COVINGTON, GA	Non-ref	1981	2010	30	0.00%	185.60	232.90
02212600	FALLING CREEK NEAR JULIETTE, GA	Ref	1981	2010	30	0.99%	72.57	55.27
02213050	WALNUT CREEK NEAR GRAY, GA	Ref	1981	1993	13	0.06%	31.26	24.99
02215100	TUCSAWHATCHEE CREEK NEAR HAWKINSVILLE, GA	Ref	1987	2010	24	0.00%	162.28	154.80
02216180	TURNPIKE CREEK NEAR MCRAE, GA	Ref	1984	2010	27	31.33%	49.85	46.49
02217500	MIDDLE OCONEE RIVER NEAR ATHENS, GA	Non-ref	1981	2010	30	0.00%	391.90	471.80
02219000	APALACHEE RIVER NEAR BOSTWICK, GA	Non-ref	1981	2010	30	0.00%	176.30	223.60
02220900	LITTLE RIVER NEAR EATONTON, GA	Non-ref	1981	2010	30	0.00%	266.40	226.60
02221525	MURDER CREEK BELOW EATONTON, GA	Ref	1981	2010	30	0.00%	189.50	151.90
02317500	ALAPAHA RIVER AT STATENVILLE, GA	Non-ref	1981	2010	30	0.00%	1390.51	1083.00
02318500	WITHLACOOCHEE RIVER AT US 84, NEAR QUITMAN, GA	Non-ref	1989	2010	20	0.00%	1491.78	1249.00
02318700	OKAPILCO CREEK AT GA 33, NEAR QUITMAN, GA	Non-ref	1981	2010	30	14.56%	272.08	237.80
02326512	AUCILLA RIVER NR SCANLON, FL	Ref	1981	1997	17	0.00%	818.35	561.90
02327100	SOPCHOPPY RIVER NR SOPCHOPPY, FL	Ref	1981	2010	30	0.00%	104.68	179.30
02329000	OCHLOCKONEE RIVER NR HAVANA, FL	Non-ref	1981	2010	30	0.00%	1145.49	1054.00
02329534	QUINCY CREEK AT STATE HWY 267 AT QUINCY, FL	Not in GAGES-II	1981	1992	12	0.00%	16.96	27.56
02329600	LITTLE RIVER NR MIDWAY, FL	Non-ref	1986	2010	25	0.00%	305.15	374.70
02330100	TELOGIA CREEK NR BRISTOL, FL	Non-ref	1981	2010	30	0.00%	124.54	205.50
02330400	NEW RIVER NEAR SUMATRA, FL	Ref	1999	2010	12	4.04%	173.29	267.90
02330450	CHATTAHOOCHEE RIVER AT HELEN, GA	Non-ref	1982	2010	29	0.00%	45.02	128.30
02331600	CHATTAHOOCHEE RIVER NEAR CORNELIA, GA	Non-ref	1981	2010	30	0.00%	316.51	717.50
02333500	CHESTATEE RIVER NEAR DAHLONEGA, GA	Non-ref	1981	2010	30	0.00%	150.70	331.80
02337000	SWEETWATER CREEK NEAR AUSTELL, GA	Non-ref	1981	2010	30	0.00%	238.47	348.80
02337500	SNAKE CREEK NEAR WHITESBURG, GA	Non-ref	1981	1999	19	0.00%	35.64	52.90
02338523	HILLABAHATCHEE CREEK AT THAXTON RD, NR FRANKLIN, GA	Ref	2003	2010	8	0.00%	16.69	22.41

Table 1. Names, station numbers, fraction of zeros, and period of record for each streamgage used in the Southeast Model Comparison.—Continued
[A description of GAGES-II can be found in Falcone and others (2010) and Falcone (2011)]

Station ID	Station Name	Classification (GAGES-II)	First Water Year	Last Water Year	Number of Complete Years	Zero-Flow Days (percent of record)	Drainage Area (square miles)	Mean Streamflow (cubic feet per second)
02338660	NEW RIVER AT GA 100, NEAR CORINTH, GA	Non-ref	1981	2010	30	0.00%	124.86	138.50
02338840	YELLOWJACKET CREEK-HAMMETT RD, BLW HOGANSVILLE, GA	Not in GAGES-II	1981	2010	6	0.00%	90.07	118.00
02339225	WEHADKEE CREEK BELOW ROCK MILLS, AL	Not in GAGES-II	1981	1989	9	0.00%	60.11	81.00
02341800	UPATOI CREEK NEAR COLUMBUS, GA	Non-ref	1981	2010	30	0.00%	341.17	407.00
02342500	UCHEE CREEK NEAR FORT MITCHELL, AL	Non-ref	1981	2010	30	0.00%	320.69	385.30
02342933	SOUTH FORK COWIKEE CREEK NEAR BATESVILLE, AL	Ref	1981	2010	30	0.00%	112.01	112.00
02343300	ABBIE CREEK NEAR HALEBURG, AL	Ref	1981	1992	12	0.00%	146.23	165.80
02343940	SAWHATCHEE CREEK AT CEDAR SPRINGS, GA	Ref	2003	2010	8	0.00%	65.00	90.77
02346180	FLINT RIVER NEAR THOMASTON, GA	Non-ref	1981	1992	12	0.00%	1216.59	1284.00
02347500	FLINT RIVER AT US 19, NEAR CARSONVILLE, GA	Non-ref	1981	2010	30	0.00%	1849.49	1959.00
02349900	TURKEY CREEK AT BYROMVILLE, GA	Ref	1981	2010	30	0.00%	47.44	40.19
02350600	KINCHAFOONEE CREEK AT PRESTON, GA	Ref	1987	2010	17	0.00%	186.09	203.20
02350900	KINCHAFOONEE CREEK AT PINEWOOD ROAD, NR DAWSON, GA	Ref	1986	2010	25	0.00%	527.08	520.70
02351500	MUCKALEE CREEK NEAR AMERICUS, GA	Non-ref	2002	2010	9	0.00%	140.56	143.50
02351890	MUCKALEE CREEK AT GA 195, NEAR LEESBURG, GA	Non-ref	1981	2010	30	0.00%	375.30	378.90
02353400	PACHITLA CREEK NEAR EDISON, GA	Non-ref	1989	2010	22	0.00%	181.65	228.10
02353500	ICHAWAYNOCHAWAY CREEK AT MILFORD, GA	Non-ref	1981	2010	30	0.00%	622.66	681.20
02359000	CHIPOLA RIVER NR ALTHA, FL	Non-ref	1981	2010	30	0.00%	835.10	1425.00
02361000	CHOCTAWHATCHEE RIVER NEAR NEWTON, AL	Ref	1981	2010	30	0.00%	687.89	845.80
02362240	LITTLE DOUBLE BRIDGES CREEK NR ENTERPRISE, AL	Ref	1986	2010	25	0.00%	21.31	35.26
02363000	PEA RIVER NEAR ARITON, AL	Ref	1988	2010	23	0.00%	499.04	571.10
02364570	PANTHER CREEK NEAR HACODA, AL	Ref	1981	1995	15	0.00%	26.39	40.97
02365470	WRIGHTS CREEK AT SH 177-A NR BONIFAY, FL	Ref	1999	2010	12	0.00%	149.22	204.00
02365769	BRUCE CREEK AT SH 81 NR REDBAY, FL	Ref	1999	2010	12	0.00%	81.85	167.50
02366996	ALAQUA CREEK NEAR PLEASANT RIDGE, FL	Ref	1999	2010	12	0.00%	38.88	99.42
02367310	JUNIPER CREEK AT STATE HWY 85 NR NICEVILLE, FL	Ref	1981	1993	13	0.00%	28.26	94.61
02369800	BLACKWATER RIVER NEAR BRADLEY, AL	Ref	1981	2010	30	0.00%	87.84	137.50
02370000	BLACKWATER RIVER NR BAKER, FL	Ref	1981	2010	26	0.00%	206.31	358.90
02371500	CONECUH RIVER AT BRANTLEY, AL	Ref	1981	2010	30	0.00%	499.15	593.50
02372250	PATSALIGA CREEK NEAR BRANTLEY, AL	Ref	1981	2010	30	0.00%	442.18	551.40
02373000	SEPULGA RIVER NEAR MCKENZIE, AL	Ref	1981	2010	30	0.00%	468.58	621.70

Table 1. Names, station numbers, fraction of zeros, and period of record for each streamgage used in the Southeast Model Comparison.—Continued
[A description of GAGES-II can be found in Falcone and others (2010) and Falcone (2011)]

Station ID	Station Name	Classification (GAGES-II)	First Water Year	Last Water Year	Number of Complete Years	Zero-Flow Days (percent of record)	Drainage Area (square miles)	Mean Streamflow (cubic feet per second)
02374500	MURDER CREEK NEAR EVERGREEN, AL	Ref	1981	2010	30	0.00%	172.09	271.30
02374745	BURNT CORN CREEK AT STATE HWY 41 NEAR BREWTON, AL	Ref	2000	2010	11	0.00%	182.29	270.00
02378500	FISH RIVER NEAR SILVER HILL, AL	Non-ref	1988	2010	23	0.00%	56.02	118.30
02381600	FAUSETT CREEK NEAR TALKING ROCK, GA	Ref	1981	2010	30	0.00%	3.99	15.20
02382200	TALKING ROCK CREEK NEAR HINTON, GA	Non-ref	1981	2010	30	0.00%	119.64	159.20
02384540	MILL CREEK NEAR CRANDALL, GA	Ref	1986	2010	25	0.00%	8.25	17.86
02385800	HOLLY CREEK NEAR CHATSWORTH, GA	Non-ref	1981	2010	30	0.00%	63.97	116.40
02395120	TWO RUN CREEK NEAR KINGSTON, GA	Ref	1981	2010	30	0.00%	32.44	42.46
02397410	CEDAR CREEK AT GA AVE, AT CEDARTOWN, GA	Not in GAGES-II	1982	1997	16	0.00%	65.07	89.94
02398300	CHATTOOGA RIVER ABOVE GAYLESVILLE, AL	Non-ref	1985	2010	26	0.00%	365.57	599.20
02399200	LITTLE RIVER NEAR BLUE POND, AL	Non-ref	1981	2010	30	0.00%	198.97	443.40
02400100	TERRAPIN CREEK AT ELLISVILLE, AL	Non-ref	1981	2010	30	0.00%	252.81	375.30
02401000	BIG WILLS CREEK NEAR REECE CITY, AL	Non-ref	1987	2010	24	0.00%	182.83	289.50
02401370	BIG CANOE CREEK NEAR SPRINGVILLE, AL	Not in GAGES-II	1981	1994	14	0.00%	45.01	76.83
02401390	BIG CANOE CREEK AT ASHVILLE, AL	Non-ref	1981	2010	30	0.00%	141.06	250.10
02401470	LITTLE CANOE CREEK NEAR STEELE, AL	Not in GAGES-II	1983	1994	12	0.00%	22.16	32.01
02404400	CHOCCOLOCCO CREEK AT JACKSON SHOAL NR LINCOLN, AL	Non-ref	1985	2010	26	0.00%	478.93	699.70
02405500	KELLY CREEK NEAR VINCENT, AL	Non-ref	1987	2010	24	0.00%	193.95	333.50
02406500	TALLADEGA CREEK AT ALPINE, AL	Non-ref	1988	2010	23	0.00%	149.08	234.90
02408540	HATCHET CREEK BELOW ROCKFORD AL	Ref	1981	2010	30	0.00%	263.48	398.60
02413300	LITTLE TALLAPOOSA RIVER NEAR NEWELL, AL	Non-ref	1981	2010	30	0.00%	405.78	553.30
02415000	HILLABEE CREEK NEAR HACKNEYVILLE, AL	Ref	1986	2010	25	0.00%	189.72	297.40
02419000	UPHAPEE CREEK NEAR TUSKEGEE, AL	Non-ref	1981	2010	30	0.00%	332.88	363.50
02420000	ALABAMA RIVER NEAR MONTGOMERY, AL	Non-ref	1981	2010	19	0.00%	15106.77	21120.00
02421000	CATOMA CREEK NEAR MONTGOMERY, AL	Non-ref	1981	2010	30	0.00%	293.13	335.80
02422500	MULBERRY CREEK AT JONES, AL	Ref	1981	2010	30	0.00%	203.69	277.70
02423555	CAHABA RIVER NEAR HELENA, AL	Non-ref	1996	2010	15	0.00%	334.48	582.50
02427250	PINE BARREN CREEK NEAR SNOW HILL, AL	Ref	1990	2010	21	0.00%	260.71	346.20
02427700	TURKEY CREEK AT KIMBROUGH, AL	Ref	1981	1996	16	0.00%	97.48	123.10
02430085	RED BUD CREEK NR MOORES MILL, MS	Ref	1981	2010	30	0.00%	15.66	26.92
02430615	MUD CREEK NR FAIRVIEW, MS	Ref	1981	2010	30	0.00%	11.09	18.42

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02430880	CUMMINGS CREEK NR FULTON, MS	Ref	1981	2010	30	0.00%	18.40	29.49
02438000	BUTTAHATCHEE RIVER BELOW HAMILTON, AL	Ref	1991	2010	20	0.00%	279.62	552.30
02442500	LUXAPALLILA CREEK AT MILLPORT, AL	Non-ref	1982	2010	14	0.00%	244.65	422.70
02446500	SIPSEY RIVER NR ELROD, AL	Non-ref	1981	2010	30	0.00%	528.21	877.10
02448500	NOXUBEE RIVER NR GEIGER, AL	Non-ref	1981	2010	30	0.00%	1097.55	1522.00
02448900	BODKA CREEK NEAR GEIGER, AL	Ref	1991	2010	20	4.09%	159.00	208.10
02449245	BRUSH CREEK NEAR EUTAW, AL	Non-ref	1981	1997	17	0.00%	43.24	55.04
02450000	MULBERRY FORK NEAR GARDEN CITY, AL	Non-ref	1981	2010	30	0.00%	359.10	665.90
02450180	MULBERRY FORK NEAR ARKADELPHIA, AL	Non-ref	1981	2010	28	0.00%	488.08	836.20
02450250	SIPSEY FORK NEAR GRAYSON, AL	Ref	1981	2010	30	0.00%	89.51	160.60
02450825	CLEAR C AT NEW HOPE CHURCH NR POPLAR SPRINGS, AL	Ref	1981	2010	18	0.00%	101.72	190.00
02453000	BLACKWATER CREEK NEAR MANCHESTER, AL	Non-ref	1981	2010	24	0.00%	181.92	350.20
02455000	TALLULAH RIVER NEAR CLAYTON, GA	Non-ref	1981	2010	24	0.00%	303.07	495.40
02456500	LOCUST FORK AT SAYRE, AL	Non-ref	1981	2010	30	0.00%	887.85	1415.00
02462000	VALLEY CREEK NEAR OAK GROVE, AL	Non-ref	1981	2010	30	0.00%	148.31	307.50
02464000	NORTH RIVER NEAR SAMANTHA, AL	Ref	1981	2010	30	0.00%	223.53	362.90
02464146	TURKEY CREEK NEAR TUSCALOOSA, AL	Ref	1982	2010	27	0.00%	6.11	9.89
02464360	BINION CREEK BELOW GIN CREEK NEAR SAMANTHA, AL	Ref	1987	2010	24	0.00%	57.38	87.12
02465493	ELLIOTTS CREEK AT MOUNDVILLE, AL	Ref	1981	2010	30	0.00%	32.21	39.16
02467500	CONEROSS CK NR SENECA, SC	Ref	1981	2010	30	0.00%	607.77	817.70
02469800	SATILPA CREEK NEAR COFFEEVILLE, AL	Ref	1981	2010	30	0.00%	163.20	220.80
02470072	BASSETT CREEK AT US HIGHWAY 43 NR THOMASVILLE, AL	Ref	1996	2010	15	1.42%	10.64	14.47
02471001	CHICKASAW CREEK NEAR KUSHLA, AL	Non-ref	1981	2010	30	0.00%	125.17	271.80
02479431	POND CREEK NEAR DEER PARK, AL	Ref	1981	1999	19	0.00%	20.41	37.38
02479560	ESCATAWPA RIVER NEAR AGRICOLA, MS	Ref	1981	2010	30	0.00%	561.52	1058.00
02479945	BIG CREEK AT COUNTY RD 63 NEAR WILMER, AL	Ref	1991	2010	20	0.00%	31.66	59.84
02479980	CROOKED CREEK NEAR FAIRVIEW, AL	Non-ref	1991	2010	20	0.00%	8.31	16.59
03439000	FRENCH BROAD RIVER AT ROSMAN, NC	Ref	1981	2010	30	0.00%	68.98	224.90
03441000	DAVIDSON RIVER NEAR BREVARD, NC	Ref	1981	2010	27	0.00%	40.27	121.50
03443000	FRENCH BROAD RIVER AT BLANTYRE, NC	Non-ref	1981	2010	30	0.00%	295.57	936.30
03446000	BROAD RIVER ABOVE CARLTON, GA	Non-ref	1981	2010	30	0.00%	66.63	162.30

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03450000	MIDDLE OCONEE RIVER NEAR ATHENS, GA	Ref	1981	2010	26	0.00%	5.44	10.43
03451000	SWANNANOA RIVER AT BILTMORE, NC	Non-ref	1981	2010	30	0.00%	129.51	143.20
03451500	FRENCH BROAD RIVER AT ASHEVILLE, NC	Non-ref	1981	2010	30	0.00%	943.92	1979.00
03453500	FRENCH BROAD RIVER AT MARSHALL, NC	Non-ref	1981	2010	30	0.00%	1331.47	2327.00
03455000	WITHLACOOCHEE RIVER AT US 84, NEAR QUITMAN, GA	Non-ref	1981	2010	28	0.00%	1852.98	2714.00
03455500	W F PIGEON R ABOVE LAKE LOGAN NR HAZELWOOD, NC	Ref	1981	2010	30	0.00%	28.17	95.38
03456500	NEW RIVER NEAR SUMATRA, FL	Ref	1981	2010	30	0.00%	51.52	135.60
03456991	PIGEON RIVER NEAR CANTON, NC	Non-ref	1981	2010	29	0.00%	129.56	307.20
03459500	CHATTAHOOCHEE RIVER NEAR CORNELIA, GA	Non-ref	1981	2010	30	0.00%	349.69	646.10
03460000	CATALOOCHEE CREEK NEAR CATALOOCHEE, NC	Ref	1981	2010	30	0.00%	49.04	107.60
03463300	SOUTH TOE RIVER NEAR CELO, NC	Ref	1981	2010	30	0.00%	43.31	134.30
03465500	NOLICHUCKY RIVER AT EMBREEVILLE, TN	Ref	1981	2010	30	0.00%	803.71	1345.00
03466228	CHESTATEE RIVER NEAR DAHLONEGA, GA	Ref	1981	2000	20	0.00%	13.68	12.92
03471500	S F HOLSTON RIVER AT RIVERSIDE, NEAR CHILHOWIE, VA	Ref	1981	2010	30	0.00%	76.51	106.60
03473000	SWEETWATER CREEK NEAR AUSTELL, GA	Ref	1981	2010	30	0.00%	303.02	458.00
03475000	SNAKE CREEK NEAR WHITESBURG, GA	Non-ref	1981	2010	30	0.00%	206.16	243.30
03478400	UPATOI CREEK NEAR COLUMBUS, GA	Non-ref	1981	2010	30	0.00%	26.30	32.05
03479000	WATAUGA RIVER NEAR SUGAR GROVE, NC	Ref	1981	2010	30	0.00%	90.97	171.50
03488000	N F HOLSTON RIVER NEAR SALTVILLE, VA	Ref	1981	2010	30	0.00%	223.25	282.90
03491000	BIG CREEK NEAR ROGERSVILLE, TN	Ref	1981	2010	30	0.00%	47.90	52.64
03495500	FLINT RIVER NEAR THOMASTON, GA	Non-ref	1981	1993	13	0.00%	3744.77	4399.00
03497300	LITTLE RIVER ABOVE TOWNSEND, TN	Ref	1981	2010	30	0.00%	104.60	273.50
03498500	PACHITLA CREEK NEAR EDISON, GA	Ref	1981	2010	30	0.00%	269.02	495.30
03500000	LITTLE TENNESSEE RIVER NEAR PRENTISS, NC	Ref	1981	2010	30	0.00%	139.44	354.50
03500240	CHIPOLA RIVER NR ALTHA, FL	Ref	1981	2010	30	0.00%	56.32	132.40
03503000	LITTLE TENNESSEE RIVER AT NEEDMORE, NC	Non-ref	1981	2010	28	0.00%	436.27	967.30
03504000	NANTAHALA RIVER NEAR RAINBOW SPRINGS, NC	Ref	1981	2010	30	0.00%	51.94	195.90
03512000	OCONALUFTEE RIVER AT BIRDTOWN, NC	Non-ref	1981	2010	30	0.00%	183.80	502.20
03513000	TUCKASEGEE RIVER AT BRYSON CITY, NC	Non-ref	1981	2010	26	0.00%	654.33	1531.00
03524000	PANTHER CREEK NEAR HACODA, AL	Non-ref	1981	2010	30	0.00%	533.53	675.40
03528000	CLINCH RIVER ABOVE TAZEWELL, TN	Non-ref	1981	2010	30	0.00%	1473.29	1888.00

Table 1. Names, station numbers, fraction of zeros, and period of record for each streamgage used in the Southeast Model Comparison.—Continued
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03531500	POWELL RIVER NEAR JONESVILLE, VA	Non-ref	1981	2010	30	0.00%	319.57	511.10
03532000	POWELL RIVER NEAR ARTHUR, TN	Non-ref	1981	2010	15	0.00%	687.63	914.40
03535000	BULLRUN CREEK NEAR HALLS CROSSROADS, TN	Ref	1981	2010	15	0.00%	68.45	83.56
03539600	DADDYS CREEK NEAR HEBBERTSBURG, TN	Non-ref	2000	2010	11	0.00%	139.36	239.20
03539778	BLACKWATER RIVER NR BAKER, FL	Ref	1998	2010	13	0.00%	170.34	275.80
03539800	OBED RIVER NEAR LANCING, TN	Non-ref	1981	2010	18	0.00%	517.63	900.50
03540500	EMORY RIVER AT OAKDALE, TN	Non-ref	1981	2010	30	0.00%	700.71	1451.00
03543500	SEWEE CREEK NEAR DECATUR, TN	Non-ref	1981	1994	14	0.00%	117.60	175.20
03550000	PATSALIGA CREEK NEAR BRANTLEY, AL	Non-ref	1981	2010	30	0.00%	103.50	241.10
03558000	TOCCOA RIVER NEAR DIAL, GA	Ref	1981	1996	16	0.00%	176.33	470.50
03565500	OOSTANAULA CREEK NEAR SANFORD, TN	Non-ref	1981	2010	15	0.00%	57.89	71.61
03567500	MILL CREEK NEAR CRANDALL, GA	Non-ref	1981	1994	14	0.00%	428.00	695.90
03568933	LOOKOUT CREEK NEAR NEW ENGLAND, GA	Non-ref	1981	2010	30	0.00%	146.33	239.50
03571000	SEQUATCHIE RIVER NEAR WHITWELL, TN	Non-ref	1981	2010	22	0.00%	386.34	772.00
03572110	HOLLY CREEK NEAR CHATSWORTH, GA	Ref	1981	1996	16	0.00%	130.67	280.50
03574500	PAINT ROCK RIVER NEAR WOODVILLE, AL	Ref	1981	2010	30	0.00%	314.21	629.00
03575000	FLINT RIVER NEAR CHASE, AL	Non-ref	1981	1994	13	0.00%	342.73	600.70
03575830	INDIAN CREEK NEAR MADISON, AL	Non-ref	1981	2001	21	0.00%	48.93	70.59
03576250	LIMESTONE CREEK NEAR ATHENS, AL	Non-ref	1995	2010	16	0.00%	121.05	201.70
03578000	ELK RIVER NEAR PELHAM, TN	Ref	1981	2010	16	0.00%	65.16	123.30
03586500	BIG NANCE CREEK AT COURTLAND, AL	Non-ref	1981	2010	23	0.00%	163.48	286.00
03588000	SHOAL CREEK AT LAWRENCEBURG, TN	Non-ref	1981	1991	11	0.00%	54.49	94.52
03588500	SHOAL CREEK AT IRON CITY, TN	Ref	1981	2010	24	0.00%	347.73	637.90
03592718	LITTLE YELLOW CREEK EAST NR BURNSVILLE, MS	Ref	1981	2010	30	0.00%	25.86	39.74
0344894205	NORTH FORK SWANNANOA RIVER NEAR WALKERTOWN, NC	Ref	1990	2010	21	0.00%	14.91	40.39
0357479650	HESTER CREEK AT BUDDY WILLIAMSON RD NR PLEVNA, AL	Ref	1999	2010	12	0.00%	29.33	32.05

Table 2. A listing of all of the names and abbreviations of methods for prediction in ungaged basins considered as part of the Southeast Model Comparison.

Short Name	Long Name
NN-DAR	Drainage-Area Ratio using Nearest-Neighbor Index Gage
NN-QPPQ	Nonlinear Spatial Interpolation with Flow-Duration Curves using Nearest-Neighbor Index Gage
NN-SM1	Standardization by Annual Mean using Nearest-Neighbor Index Gage
NN-SM12	Standardization by Monthly Mean using Nearest-Neighbor Index Gage
NN-SMS1R	Standardization of Streamflows with Annual Mean and Standard Deviation using Nearest-Neighbor Index Gage
NN-SMS1L	Standardization of Log Streamflows with Annual Mean and Standard Deviation using Nearest-Neighbor Index Gage
NN-SMS12R	Standardization of Streamflows with Monthly Means and Standard Deviations using Nearest-Neighbor Index Gage
NN-SMS12L	Standardization of Log Streamflows with Monthly Means and Standard Deviations Using Nearest-Neighbor Index Gage
MC-DAR	Drainage-Area Ratio using Map-Correlated Index Gage
MC-QPPQ	Non-linear Spatial Interpolation with Flow-Duration Curves using Map-Correlated Index Gage
MC-SM1	Standardization by Annual Mean using Map-Correlated Index Gage
MC-SM12	Standardization by Monthly Mean using Map-Correlated Index Gage
MC-SMS1R	Standardization of Streamflows with Annual Mean and Standard Deviation using Map-Correlated Index Gage
MC-SMS1L	Standardization of Log Streamflows with Annual Mean and Standard Deviation using Map-Correlated Index Gage
MC-SMS12R	Standardization of Streamflows with Monthly Means and Standard Deviations using Map-Correlated Index Gage
MC-SMS12L	Standardization of Log Streamflows with Monthly Means and Standard Deviations Using Map-Correlated Index Gage
PRMS	Precipitation Runoff Modeling System
NN-AFINCH	Analysis of Streamflows in Networks of Channels, with Nearest-Neighbor, Temporal Downscaling
MC-AFINCH	Analysis of Streamflows in Networks of Channels, with Map-Correlated, Temporal Downscaling

Table 3. Root-mean-square error of the fitted variograms at 182 streamgages in the Southeast Model Comparison.

Station ID	Root-mean-square error
02177000	0.1209
02178400	0.1269
02185200	0.1262
02186000	0.1010
02186645	0.1241
02191300	0.0612
02192000	0.0914
02208450	0.0630
02212600	0.1098
02213050	0.0951
02215100	0.0589
02216180	0.0871
02217500	0.0925
02219000	0.0890
02220900	0.0642
02221525	0.0962
02317500	0.0617
02318500	0.0695
02318700	0.0647
02326512	0.0706
02327100	0.0830
02329000	0.0808
02329534	0.0758
02329600	0.0872
02330100	0.0898
02330400	0.0879
02330450	0.1233
02331600	0.1216
02333500	0.1214
02337000	0.0632
02337500	0.0954
02338523	0.0690
02338660	0.1121
02338840	0.1202
02339225	0.1142
02341800	0.0628
02342500	0.1066
02342933	0.0993
02343300	0.0687
02343940	0.0751
02346180	0.0805
02347500	0.0679
02349900	0.0631
02350600	0.0655
02350900	0.0649
02351500	0.0853
02351890	0.0674
02353400	0.0867
02353500	0.0631
02359000	0.0955
02361000	0.0674
02362240	0.1014
02363000	0.1050
02364570	0.0658
02365470	0.0686
02365769	0.1059
02366996	0.0618
02367310	0.1126
02369800	0.1066
02370000	0.1021
02371500	0.1044
02372250	0.0784
02373000	0.1008
02374500	0.1026
02374745	0.1327
02378500	0.0699
02381600	0.1242
02382200	0.1104
02384540	0.1182
02385800	0.0778
02395120	0.0700
02397410	0.1119
02398300	0.0651
02399200	0.0613
02400100	0.1069
02401000	0.1035
02401370	0.1081
02401390	0.0652
02401470	0.1287
02404400	0.0955
02405500	0.0944
02406500	0.1256
02408540	0.1148
02413300	0.1422
02415000	0.1448
02419000	0.1233
02420000	0.1400
02421000	0.1418
02422500	0.1371
02423555	0.0716
02427250	0.1334
02427700	0.0686
02430085	0.0717
02430615	0.0676
02430880	0.1090
02438000	0.1049
02442500	0.0855
02446500	0.0873
02448500	0.1236
02448900	0.1242
02449245	0.1269
02450000	0.1282
02450180	0.0878
02450250	0.1331
02450825	0.1297
02453000	0.1310
02455000	0.1313
02456500	0.0765
02462000	0.0791
02464000	0.0804
02464146	0.0808
02464360	0.1169
02465493	0.0795
02467500	0.0857
02469800	0.1139

Table 3. Root-mean-square error of the fitted variograms at 182 streamgages in the Southeast Model Comparison.—Continued

Station ID	Root-mean-square error
02470072	0.0920
02471001	0.1240
02479431	0.1163
02479560	0.0919
02479945	0.0770
02479980	0.1185
03439000	0.0779
03441000	0.0923
03443000	0.1291
03446000	0.1087
03450000	0.1058
03451000	0.0741
03451500	0.0856
03453500	0.1016
03455000	0.0923
03455500	0.0943
03456500	0.1220
03456991	0.1266
03459500	0.1115
03460000	0.0871
03463300	0.0851
03465500	0.1441
03466228	0.0890
03471500	0.0993
03473000	0.1136
03475000	0.1032
03478400	0.1061
03479000	0.0971
03488000	0.0965
03491000	0.0584
03495500	0.0803
03497300	0.1021
03498500	0.0780
03500000	0.0686
03500240	0.1170
03503000	0.1174
03504000	0.1124
03512000	0.1008
03513000	0.0772
03524000	0.1143
03528000	0.0889
03531500	0.1355
03532000	0.0734
03535000	0.0990
03539600	0.1110
03539778	0.0715
03539800	0.0715
03540500	0.1071
03543500	0.0958
03550000	0.0845
03558000	0.0934
03565500	0.0823
03567500	0.1051
03568933	0.1189
03571000	0.0897
03572110	0.0927
03574500	0.1250
03575000	0.1212
03575830	0.1103
03576250	0.1145
03578000	0.1110
03586500	0.1384
03588000	0.0945
03588500	0.1212
03592718	0.1003
0344894205	0.1440
0357479650	0.0825

Table 4. Fitted coefficients and goodness-of-fit statistics for regressions of the 27 percentiles of the distribution of daily streamflow at the 182 streamgages used in the Southeast Model Comparison.

Basic Variable	Description and transformation	Parameter	X0.02	X0.05	X0.1	X0.2	X0.5	X1	X2	X5	X10	X20	X25	X30	X40	X50	X60	X70	X75	X80	X90	X95	X98	X99	X99.5	X99.8	X99.9	X99.95	X99.98
Intercept	Regression intercept	Coefficient	-4.4433	-4.3865	-4.2604	-4.1446	-3.9843	-3.7303	-3.4082	-2.6058	-2.2753	-1.8686	-1.7228	-1.5892	-1.2035	-0.9480	-0.7267	-0.5292	-0.4236	-0.3093	0.0130	0.3181	-0.00575	0.1795	0.3640	0.6255	0.7529	0.9128	1.2146
		Standard Error	0.3818	0.3737	0.3631	0.3592	0.3524	0.3367	0.3225	0.2682	0.2573	0.2009	0.1898	0.1816	0.0981	0.0715	0.0542	0.0436	0.0395	0.0360	0.0321	0.0349	0.06090	0.0706	0.0793	0.0859	0.0912	0.1016	0.1156
DRAIN_SQKM	Common logarithm of drainage area	Coefficient	1.1958	1.1956	1.1800	1.1721	1.1679	1.1456	1.1095	1.1057	1.0795	1.0684	1.0647	1.0628	1.0244	1.0175	1.0136	1.0144	1.0154	1.0160	1.0074	0.9865	0.9466	0.9258	0.9070	0.8801	0.8700	0.8528	0.8233
		Standard Error	0.1068	0.1045	0.1016	0.1006	0.0987	0.0944	0.0906	0.0823	0.0790	0.0617	0.0582	0.0557	0.0301	0.0219	0.0167	0.0134	0.0121	0.0110	0.0098	0.0107	0.0116	0.0134	0.0151	0.0163	0.0174	0.0193	0.0220
SLOPE_PCT	Common logarithm of mean basin slope	Coefficient	2.0287	2.0108	1.9696	1.9349	1.8807	1.8085	1.7009	1.3089	1.1340	0.9072	0.8251	0.7453	0.5876	0.4513	0.3425	0.2459	0.1958	0.1438	0.0159	-0.0756							
		Standard Error	0.2202	0.2155	0.2094	0.2071	0.2031	0.1941	0.1860	0.1625	0.1559	0.1218	0.1150	0.1101	0.0595	0.0433	0.0329	0.0264	0.0239	0.0218	0.0194	0.0211							
PPTAVG_BASIN	Mean precipitation. Centered by subtracting the interbasin mean (146.373)	Coefficient	0.0217	0.0212	0.0203	0.0194	0.0183	0.0162	0.0144	0.0102	0.0102	0.0099	0.0099	0.0099	0.0082	0.0076	0.0071	0.0066	0.0064	0.0062	0.0057	0.0052							
		Standard Error	0.0038	0.0037	0.0036	0.0036	0.0035	0.0034	0.0032	0.0026	0.0025	0.0020	0.0019	0.0018	0.0010	0.0007	0.0005	0.0004	0.0004	0.0004	0.0003	0.0003							
ROCKDEPAVE	Common logarithm of the difference between the maximum value (60 inches (in.)) and the depth to rock. (A value of 0.6	Coefficient	-0.8248	-0.8106	-0.7859	-0.7614	-0.7363	-0.6981	-0.6399	-0.4790	-0.3907	-0.3032	-0.2611	-0.2187	-0.1637	-0.1019	-0.05808	-0.01968	-0.00212	0.01651	0.06534	0.1019	0.11664	0.09723	0.09005	0.06827	0.06158	0.04509	0.03168
		Standard Error	0.1359	0.1330	0.1293	0.1280	0.1256	0.1201	0.1151	0.1047	0.1005	0.0785	0.0741	0.0709	0.0383	0.0279	0.0212	0.0170	0.0154	0.0141	0.0125	0.0136	0.01784	0.02067	0.02324	0.02516	0.02674	0.02977	0.03387
PLANTNLCD06	Square roof of the percentage of the basin classified as planted or cultivated	Coefficient	0.1505	0.1484	0.1433	0.1367	0.1293	0.1118	0.0956																				
		Standard Error	0.0411	0.0402	0.0391	0.0387	0.0380	0.0363	0.0348																				
RFACT	Rainfall and runoff coefficient from the Universal Soil Loss Equation	Coefficient																				0.0010145	0.0009931	0.0009742	0.0008920	0.0009288	0.0009965	0.0009190
		Standard Error																				0.0000826	0.0000957	0.0001076	0.0001165	0.0001238	0.0001379	0.0001568
SILTAVE	Average silt content of soils, in percent	Coefficient																				0.006227	0.007492	0.007944	0.008315	0.008497	0.007889	0.006129
		Standard Error																				0.001069	0.001239	0.001393	0.001508	0.001602	0.001784	0.002030
Performance Metrics	Standard error of Tobit regression	Tobit Scale	0.7558	0.7401	0.7198	0.7125	0.6994	0.6692	0.6420	0.5903	0.5664	0.4423	0.4177	0.3998	0.2161	0.1573	0.1194	0.0961	0.0870	0.0792	0.0706	0.0768	0.0870	0.1008	0.1134	0.1228	0.1304	0.1452	0.1652
	Coefficient of determination from Tobit regression	R-squared	0.5764	0.5897	0.5996	0.6025	0.6117	0.6114	0.6175	0.6152	0.6244	0.6955	0.7224	0.7436	0.8709	0.9255	0.9552	0.9707	0.9760	0.9801	0.9842	0.9810	0.9745	0.9645	0.9537	0.9428	0.9343	0.9163	0.8871

Table 5. Mean rank for each performance metric and method of prediction in ungaged basins (PUB).

[At each site, the PUB methods were ranked according to a single metric, with the best method receiving the lowest rank. These ranks were then averaged across sites for each PUB method. The process was repeated for each of the 32 metrics and 19 PUB methods. Method abbreviations are in table 1.]

Class	Metric	NN-DAR	NN-QPPQ	NN-SM1	NN-SM12	NN-SMS1R	NN-SMS1L	NN-SMS12R	NN-SMS12L	MC-DAR	MC-QPPQ	MC-SM1	MC-SM12	MC-SMS1R	MC-SMS1L	MC-SMS12R	MC-SMS12L	PRMS	NN-AFINCH	MC-AFINCH
Overall goodness of fit	Nash-Sutcliffe efficiency of streamflows	6.65	5.63	12.81	5.86	12.41	12.78	5.27	7.18	12.37	11.09	15.19	11.22	14.91	15.35	10.37	12.21	5.64	4.74	8.05
	Nash-Sutcliffe efficiency of the logarithms of streamflow	6.25	5.66	12.77	4.68	13.88	13.57	7.08	5.64	11.31	9.09	15.19	9.40	15.03	15.38	10.01	9.25	8.05	7.24	8.82
	Root-mean-squared error of streamflow	6.65	5.63	12.81	5.86	12.41	12.78	5.27	7.18	12.37	11.09	15.19	11.22	14.91	15.35	10.37	12.21	5.64	4.74	8.05
	Average percent error of streamflow	7.62	6.69	12.59	5.91	13.73	13.07	7.31	6.73	10.77	8.54	12.99	8.16	13.69	13.45	8.73	8.79	11.78	9.04	10.15
	Pearson correlation between observed and simulated streamflow	6.03	6.62	6.04	6.57	5.79	6.89	7.00	9.08	14.16	13.73	13.85	13.43	13.69	13.93	13.19	14.71	6.84	7.14	11.08
	Spearman correlation between observed and simulated streamflow	4.43	4.40	4.01	6.03	4.37	3.38	10.80	7.54	12.02	11.82	11.59	12.62	12.05	11.09	16.25	13.77	10.43	11.49	13.62
	Root-mean-square-normalized error of streamflow	6.20	5.31	9.10	5.16	12.37	9.76	8.69	6.24	12.19	10.90	12.65	11.18	14.12	12.89	12.71	11.89	9.80	8.15	10.42
	Average	*6.26*	*5.71*	*10.02*	*5.72*	*10.71*	*10.32*	*7.35*	*7.08*	*12.17*	*10.90*	*13.81*	*11.03*	*14.06*	*13.92*	*11.66*	*11.83*	*8.31*	*7.51*	*10.03*
	Standard deviation	*0.96*	*0.78*	*3.71*	*0.62*	*3.92*	*3.88*	*1.94*	*1.09*	*1.06*	*1.72*	*1.45*	*1.79*	*1.06*	*1.61*	*2.55*	*2.17*	*2.42*	*2.38*	*1.98*
Storage-yield curve (SYC) goodness of fit	Nash-Sutcliffe efficiency of required storage	7.97	8.31	7.09	6.91	13.66	9.71	10.56	7.35	11.09	10.12	10.12	9.77	13.20	10.24	11.36	8.95	11.05	11.12	11.17
	Nash-Sutcliffe efficiency of the logarithms of required storage	8.12	7.98	7.90	7.26	14.28	9.16	11.28	7.13	10.36	8.02	10.05	8.97	14.02	10.01	11.85	7.92	10.54	8.70	8.44
	Root-mean-squared error of required storage	7.97	8.31	7.09	6.91	13.66	9.71	10.56	7.35	11.09	10.12	10.12	9.77	13.20	10.24	11.36	8.95	11.05	11.12	11.17
	Average percent error of required storage	7.98	8.40	7.78	7.36	14.45	9.26	13.90	7.61	10.66	8.76	10.33	9.21	13.73	10.21	13.90	8.48	9.27	9.08	9.38
	Pearson correlation between observed and simulated required storage	8.38	8.77	8.32	7.71	14.81	9.54	12.95	7.63	10.64	8.52	10.38	9.41	13.24	10.25	12.98	8.03	10.01	9.07	9.10
	Spearman correlation between observed and simulated required storage	8.36	7.53	7.62	7.53	12.76	9.01	9.24	7.13	11.35	10.18	10.87	10.77	12.89	10.81	11.31	9.45	10.88	10.91	11.15
	Root-mean-square-normalized error of required storage	3.95	2.88	3.97	3.73	9.22	5.08	4.53	3.04	5.54	3.30	5.75	4.71	8.80	5.61	4.66	3.47	6.08	3.00	3.21
	Average	*7.53*	*7.46*	*7.11*	*6.77*	*13.26*	*8.78*	*10.43*	*6.75*	*10.11*	*8.43*	*9.66*	*8.95*	*12.72*	*9.63*	*11.06*	*7.89*	*9.84*	*9.00*	*9.09*
	Standard deviation	*1.59*	*2.05*	*1.45*	*1.38*	*1.90*	*1.65*	*3.04*	*1.65*	*2.04*	*2.43*	*1.75*	*1.96*	*1.77*	*1.79*	*2.99*	*2.02*	*1.78*	*2.85*	*2.83*
Percent error in streamflow statistics	Root-mean-square-normalized error of fundamental daily streamflow statistics	6.68	6.36	13.66	6.74	15.31	14.55	6.70	6.09	10.14	7.77	14.87	8.81	15.79	14.91	7.38	6.40	10.57	7.52	9.48
	Coefficient of variation of annual streamflow	7.14	8.52	6.81	6.99	13.88	10.49	10.96	7.85	10.57	10.26	9.92	10.03	13.16	10.99	11.59	9.47	8.83	11.16	11.12
	Coefficient of variation of daily streamflow	8.96	8.25	8.84	8.42	11.80	12.09	8.52	8.80	11.18	8.27	11.42	10.86	11.53	11.77	8.39	8.66	11.54	9.42	11.01
	10th percentile, 7-day average annual-minimum streamflow	7.58	7.09	10.62	7.09	15.59	10.47	15.16	6.62	9.42	7.23	10.47	8.38	14.94	10.80	15.40	7.93	9.31	7.63	7.98
	50th percentile, 7-day average annual-minimum streamflow	7.97	7.80	11.96	7.16	14.68	12.31	11.29	7.37	10.12	7.93	11.75	8.54	14.85	11.81	11.27	7.46	9.69	7.46	8.31
	90th percentile, annual-maximum streamflow	7.85	7.26	13.23	8.57	13.04	13.38	7.00	7.80	9.63	7.45	14.02	10.03	12.96	13.04	7.51	8.48	9.37	8.59	10.35
	90-percent-exceedance streamflow	8.02	7.75	11.91	6.82	14.99	12.12	10.30	7.25	10.45	7.94	12.08	8.51	14.70	11.97	10.56	7.36	10.55	7.85	8.23
	75-percent-exceedance streamflow	8.31	7.85	12.49	6.80	13.93	12.92	8.34	7.24	10.80	7.87	12.81	8.53	14.07	12.84	8.68	7.73	11.16	8.44	8.75
	50-percent-exceedance streamflow	8.09	7.34	13.81	6.46	14.31	14.59	7.27	6.80	10.28	7.23	14.34	8.14	14.61	14.85	6.81	7.01	11.19	7.88	8.55
	25-percent-exceedance streamflow	8.27	6.92	15.27	6.12	15.15	15.74	6.53	6.91	10.33	6.65	14.84	7.49	14.82	15.37	6.92	7.29	9.53	7.23	8.21
	10-percent-exceedance streamflow	8.42	6.79	15.38	6.19	15.75	15.55	7.30	6.45	9.73	6.52	15.36	6.74	15.20	15.57	7.87	7.27	9.20	7.36	6.96
	Mean streamflow	8.36	7.91	15.33	5.94	15.32	15.81	5.82	7.27	10.67	7.74	15.17	6.25	15.24	15.70	6.49	7.66	8.62	7.20	7.26
	L-CV of daily streamflow	8.17	8.77	8.10	7.16	14.30	10.97	9.93	7.79	11.60	8.67	11.63	10.00	13.13	11.57	9.49	7.87	12.14	8.73	9.74
	L-skewness of daily streamflow	8.12	8.59	8.46	8.14	8.95	11.46	9.69	8.32	11.10	8.23	11.47	10.74	11.37	10.97	9.93	7.93	13.53	10.36	12.41
	L-kurtosis of daily streamflow	8.47	8.70	8.52	9.36	8.68	11.81	7.92	8.02	11.25	8.60	11.48	11.81	11.94	10.86	9.53	7.96	12.21	10.42	12.18
	Lag-1 autocorrelation of daily streamflow	9.38	9.27	9.39	9.28	9.49	9.95	9.28	8.82	10.26	10.21	10.31	10.23	10.26	10.71	9.81	10.25	13.10	9.03	10.71
	Amplitude of seasonal trend in daily streamflow	8.52	8.66	8.56	10.26	8.73	11.76	8.47	8.51	10.80	9.47	10.74	11.99	11.07	11.92	8.32	8.57	9.98	11.13	12.28
	Phase of seasonal trend in daily streamflow	7.95	8.14	8.16	9.75	7.99	8.93	9.99	10.68	11.36	10.74	11.38	10.08	11.62	11.36	10.27	11.07	12.83	8.64	8.81
	Average	*8.13*	*7.89*	*11.14*	*7.63*	*12.88*	*12.50*	*8.92*	*7.70*	*10.54*	*8.27*	*12.45*	*9.29*	*13.40*	*12.61*	*9.23*	*8.13*	*10.74*	*8.67*	*9.57*
	Standard deviation	*0.61*	*0.80*	*2.87*	*1.34*	*2.80*	*2.07*	*2.23*	*1.09*	*0.62*	*1.21*	*1.83*	*1.62*	*1.73*	*1.82*	*2.17*	*1.16*	*1.54*	*1.33*	*1.73*
All metrics	*Average*	*7.59*	*7.32*	*10.01*	*7.02*	*12.49*	*11.21*	*8.90*	*7.36*	*10.80*	*8.88*	*12.14*	*9.59*	*13.40*	*12.24*	*10.17*	*8.89*	*10.01*	*8.49*	*9.57*
	Standard deviation	*1.20*	*1.44*	*3.20*	*1.43*	*2.99*	*2.87*	*2.51*	*1.25*	*1.34*	*1.92*	*2.22*	*1.85*	*1.63*	*2.28*	*2.60*	*2.23*	*2.01*	*1.98*	*2.01*

Table 6. Standard deviation of the ranks for each performance metric and method of prediction in ungaged basins (PUB).

[At each site, the PUB methods were ranked according to a single metric, with the best method receiving the lowest rank. These standard deviations were taken across 182 sites for each PUB method. The process was repeated for each of the 32 metrics and 19 PUB methods. Method abbreviations are in table 1]

Class	Metric	NN-DAR	NN-QPPQ	NN-SM1	NN-SM12	NN-SMS1R	NN-SMS1L	NN-SMS12R	NN-SMS12L	MC-DAR	MC-QPPQ	MC-SM1	MC-SM12	MC-SMS1R	MC-SMS1L	MC-SMS12R	MC-SMS12L	PRMS	NN-AFINCH	MC-AFINCH
Overall goodness of fit	Nash-Sutcliffe efficiency of streamflows	5.18	4.02	4.66	4.49	4.54	4.71	2.90	3.98	4.22	4.11	3.73	4.71	3.21	3.28	3.62	4.09	5.27	3.52	3.96
	Nash-Sutcliffe efficiency of the logarithms of streamflow	5.17	4.20	5.05	3.95	4.27	4.56	3.51	4.00	4.86	4.09	3.48	4.04	3.69	3.64	3.60	3.58	5.45	4.13	4.13
	Root-mean-squared error of streamflow	5.18	4.02	4.66	4.49	4.54	4.71	2.90	3.98	4.22	4.11	3.73	4.71	3.21	3.28	3.62	4.09	5.27	3.52	3.96
	Average percent error of streamflow	5.25	3.92	5.01	3.76	5.22	4.98	4.55	3.83	5.29	4.27	5.31	4.74	5.71	5.23	4.86	4.22	5.30	4.86	4.82
	Pearson correlation between observed and simulated streamflow	3.68	4.28	3.61	3.72	3.66	4.30	3.68	4.46	4.25	4.42	4.13	4.26	4.02	4.49	3.61	3.71	6.21	4.29	4.99
	Spearman correlation between observed and simulated streamflow	4.33	3.41	3.70	3.20	4.23	3.44	4.21	3.70	4.85	4.04	4.53	3.98	4.78	4.33	3.07	3.32	6.08	4.54	4.36
	Root-mean-square-normalized error of streamflow	4.68	3.55	5.36	3.67	5.84	5.80	4.04	4.17	4.66	4.34	5.38	4.98	5.29	5.25	3.40	4.19	5.84	4.66	4.81
	Average	*4.78*	*3.92*	*4.58*	*3.90*	*4.61*	*4.64*	*3.68*	*4.02*	*4.62*	*4.19*	*4.33*	*4.49*	*4.27*	*4.22*	*3.68*	*3.89*	*5.63*	*4.21*	*4.43*
	Standard deviation	*0.59*	*0.32*	*0.68*	*0.46*	*0.71*	*0.71*	*0.64*	*0.24*	*0.41*	*0.15*	*0.78*	*0.39*	*1.00*	*0.84*	*0.56*	*0.35*	*0.41*	*0.53*	*0.44*
Storage-yield curve (SYC) goodness of fit	Nash-Sutcliffe efficiency of required storage	4.89	5.13	4.53	4.32	5.76	5.01	5.68	4.55	5.33	5.28	5.17	5.02	5.33	5.21	5.56	4.60	5.63	5.46	5.52
	Nash-Sutcliffe efficiency of the logarithms of required storage	4.94	4.65	5.08	4.67	4.58	4.89	4.60	4.24	4.75	4.79	4.61	4.37	4.27	4.82	4.58	3.91	5.66	4.69	4.80
	Root-mean-squared error of required storage	4.89	5.13	4.53	4.32	5.76	5.01	5.68	4.55	5.33	5.28	5.17	5.02	5.33	5.21	5.56	4.60	5.63	5.46	5.52
	Average percent error of required storage	5.49	4.87	5.40	4.85	5.82	4.87	4.97	4.47	5.18	4.88	5.17	4.49	5.54	4.92	5.24	3.91	5.34	4.65	4.74
	Pearson correlation between observed and simulated required storage	5.42	4.96	5.14	4.53	5.50	4.97	5.46	4.44	5.10	5.17	5.04	4.48	5.96	5.03	5.58	4.22	5.34	5.02	5.22
	Spearman correlation between observed and simulated required storage	5.08	5.24	4.57	4.61	5.87	4.84	5.69	4.95	5.13	5.02	4.76	5.40	5.49	4.72	5.36	4.98	5.89	5.59	5.64
	Root-mean-square-normalized error of required storage	5.22	3.39	5.25	4.66	7.85	5.83	5.23	3.93	5.71	3.48	5.77	4.87	7.79	5.82	5.60	3.76	6.75	3.64	3.66
	Average	*5.13*	*4.77*	*4.93*	*4.57*	*5.88*	*5.06*	*5.33*	*4.45*	*5.22*	*4.84*	*5.10*	*4.81*	*5.67*	*5.10*	*5.35*	*4.28*	*5.75*	*4.93*	*5.01*
	Standard deviation	*0.25*	*0.64*	*0.37*	*0.19*	*0.98*	*0.35*	*0.42*	*0.31*	*0.29*	*0.63*	*0.37*	*0.38*	*1.07*	*0.36*	*0.37*	*0.45*	*0.48*	*0.68*	*0.69*
Percent error in streamflow statistics	Root-mean-square-normalized error of fundamental daily streamflow statistics	4.82	3.98	4.26	4.21	3.48	3.54	3.92	4.09	4.55	4.02	3.85	4.81	3.20	3.84	3.93	4.06	5.31	4.41	4.78
	Coefficient of variation of annual streamflow	4.63	5.01	4.31	4.59	5.66	5.44	5.46	4.63	5.03	5.15	4.87	5.20	5.67	5.09	5.49	4.93	5.57	5.37	5.42
	Coefficient of variation of daily streamflow	5.33	4.56	5.20	5.02	5.56	5.72	4.78	5.04	5.37	4.82	5.39	5.14	5.52	5.73	4.50	5.00	6.02	5.49	6.10
	10th percentile, 7-day average annual-minimum streamflow	4.74	4.24	4.65	4.08	4.81	4.85	4.37	4.12	4.72	4.18	4.91	4.43	5.00	5.07	4.10	4.24	5.41	4.18	4.75
	50th percentile, 7-day average annual-minimum streamflow	5.22	4.43	4.84	4.45	5.49	4.78	5.59	4.13	5.37	4.19	5.31	4.29	5.21	5.31	5.57	4.29	6.04	4.10	4.43
	90th percentile, annual-maximum streamflow	5.41	4.07	5.26	5.09	5.04	5.24	4.13	4.55	5.53	3.63	4.97	5.25	4.91	5.17	4.28	5.16	5.49	5.00	4.96
	90-percent-exceedance streamflow	5.13	4.34	4.81	4.17	5.23	5.02	5.24	4.10	5.17	4.42	5.17	4.54	5.27	5.47	5.35	4.20	5.85	4.69	5.05
	75-percent-exceedance streamflow	5.28	4.15	5.04	4.24	5.75	4.98	4.97	4.19	5.35	4.28	4.90	4.42	5.30	5.15	5.03	4.07	5.82	4.94	5.37
	50-percent-exceedance streamflow	4.94	3.83	4.70	3.96	4.61	4.27	4.16	4.13	5.46	3.93	4.49	4.24	4.20	4.08	4.05	3.98	5.57	4.46	4.92
	25-percent-exceedance streamflow	4.78	3.70	3.43	3.54	3.35	3.61	3.43	3.94	5.23	3.87	3.99	3.97	3.90	3.98	4.11	3.98	4.97	4.30	4.62
	10-percent-exceedance streamflow	4.50	3.75	3.57	3.47	2.84	3.42	3.85	3.81	5.04	3.64	3.44	4.00	3.82	3.27	4.12	3.93	4.92	4.31	4.26
	Mean streamflow	4.69	3.84	3.51	3.23	3.83	3.22	3.37	4.22	4.95	3.73	3.38	3.45	3.38	3.34	3.74	4.34	4.95	4.22	4.24
	L-CV of daily streamflow	5.11	4.89	5.19	4.77	5.49	4.93	5.33	4.25	5.39	5.13	5.42	4.74	5.94	4.92	5.58	4.42	5.67	4.87	5.25
	L-skewness of daily streamflow	4.71	4.81	4.76	4.92	4.87	5.87	5.69	5.07	5.04	5.04	5.12	5.06	5.30	6.05	4.90	5.06	5.78	5.43	5.87
	L-kurtosis of daily streamflow	4.94	4.88	5.01	4.90	5.11	5.83	5.18	5.34	4.89	5.02	4.77	5.62	4.91	6.04	4.88	4.82	6.12	5.44	5.88
	Lag-1 autocorrelation of daily streamflow	4.77	5.54	4.70	4.84	4.64	6.12	5.09	5.60	4.85	5.75	4.80	5.06	4.96	5.95	5.36	5.77	6.77	5.41	6.30
	Amplitude of seasonal trend in daily streamflow	4.62	4.63	4.48	5.44	4.52	5.71	5.07	5.54	5.14	5.35	5.12	5.75	5.00	5.75	5.37	5.39	6.10	5.44	6.06
	Phase of seasonal trend in daily streamflow	4.82	5.01	4.75	5.40	4.73	5.32	5.31	6.03	5.18	4.80	5.10	5.37	5.12	5.09	5.72	5.92	6.42	5.23	5.16
	Average	*4.91*	*4.43*	*4.58*	*4.46*	*4.72*	*4.88*	*4.72*	*4.60*	*5.13*	*4.50*	*4.72*	*4.74*	*4.81*	*4.96*	*4.78*	*4.64*	*5.71*	*4.85*	*5.19*
	Standard deviation	*0.27*	*0.52*	*0.57*	*0.65*	*0.84*	*0.91*	*0.74*	*0.67*	*0.27*	*0.65*	*0.64*	*0.62*	*0.78*	*0.89*	*0.68*	*0.63*	*0.50*	*0.52*	*0.64*
All metrics	*Average*	*4.93*	*4.39*	*4.66*	*4.36*	*4.95*	*4.87*	*4.63*	*4.44*	*5.04*	*4.51*	*4.72*	*4.70*	*4.88*	*4.83*	*4.67*	*4.40*	*5.70*	*4.73*	*4.99*
	Standard deviation	*0.37*	*0.58*	*0.56*	*0.59*	*0.96*	*0.77*	*0.86*	*0.57*	*0.37*	*0.60*	*0.66*	*0.53*	*0.99*	*0.84*	*0.82*	*0.62*	*0.46*	*0.61*	*0.67*

Table 7. Mean and standard deviation of the average ranks for each method of prediction in ungaged basins (PUB), regardless of the method used for index-gage selection.

[The differential gives the Euclidian distance between the (mean, standard devation) couplet of the map-correlation and nearest-neighbor realizations of each method. These differentials give a sense of how sensitive each method is to the information content available at the index gage. Method abbreviations are in table 1.]

Basic method	Mean ranking	Standard deviation	Differential
DAR	9.19	4.98	3.21
QPPQ	8.10	4.45	1.57
SMS1R	12.94	4.92	0.91
SMS1L	11.73	4.85	1.04
SMS12R	9.53	4.65	1.26
SMS12L	8.12	4.42	1.53
SM1	11.07	4.69	2.12
SM12	8.31	4.53	2.59
PRMS	10.01	5.70	{NA}
AFINCH	9.03	4.86	1.11