

Irrigation	George M. Renfro, Jr.	F. E. Hardisty
		George Sparrow
Planning	Harry G. Edwards	J. T. McAllister
	Eugene C. Buie	Frank Bartell
		John Downing
Sedimentation Geology	J. W. Roehl	R. L. Lester
Zone Engineers	John M. Burns	Wallace Smith
	L. D. Worley	
	H. H. Lester	

Unit discontinued 1964

Portland, Oregon

Regional Engineer or Head	Karl O. Kohler	*Gary M. Conaway
	John G. Barnesburger	
	Francis K. Muceus	Irrigation
	Ellis Hatt	Donald A. Williams
	E. J. Core	D. G. Shockley
	Paul O. Tilker	Harlan G. Collins
	Stan Hobson	Paul K. Koluvek
	Jack Stevenson	Elwin A. Ross
	Williams Evans	*Larry J. Dawson
	*R. W. Van Klaveren	
Agricultural Engineering	Wendell Styner	Landscape Architect
	Gordon Stroup	*Carolyn A. Adams
	Larry Dawson	
	*Gary E. Formanek	Planning
		Donald A. Williams
Construction	W. R. Stanley	E. J. Core
	Jack C. Stevenson	F. Rasmussen, Jr.
	*Robert Middlecamp	R. A. Mashburn, Jr.
		Tom Curtis
		Larry J. Babich
		Peter V. Patterson
		*Joseph W. Sahfeld
Design	F. K. Muceus	Recreation
	D. C. Ralston	L. S. Augden
	Richard M. Mathews	Clarence Maesner
	*Donald E. Wallin	
Drainage	George B. Bradshaw	River Basins
	H. R. Brownscombe	C. R. Ness
	William F. Long	
	G. W. Stroup	Sedimentation Geology
	Elwin Ross	E. M. Flaxman
	*Virgil L. Backlund	N. M. Curtis, Jr.
		Peter V. Patterson
		*Frank Reckendorf
Engineering Geology	Tom Hite	Soil Engineering
	Stu Twiss	J. C. Stevenson
	D. H. Griswold	J. R. Talbot
	J. L. Holland	R. E. Nelson
	*Charles E. Stearns	Phil Jones
		*Clifton E. Deal
Erosion Control	*Gary E. Formanek	Water Supply Forecasting
		Manes Barton
Environment, Water Quality, and Waste Disposal	David Moffitt	*D. E. Johnson
	*Don Stettler	
Hydrology	J. H. Dorroh, Jr.	Zone Engineers
	Al Sharp	E. J. Core
	Robert E. Rallison	Ellis Hatt
	Wendell A. Styner	Fred Larson
		Allen McCulloch
		Dell G. Shockley
		M. V. Penwell
		Orvil Hosmer
		Charles W. Wilson

Fort Worth, Texas

Regional Engineer or Head	Howard O. Matson	Donald L. Basinger
	James J. Coyle	*Robert A. Fronk, Jr.
	Howard O. Matson	
	Jack W. Adair	Agricultural Engineering
		J. J. Coyle

..... R. C. Barnes	..... Jack W. Adair
..... Walter K. Twitty	..... R. Doug Peet
..... *Douglas E. Seibel	..... William R. Thompson
Construction .....	..... Luther H. McDougal
..... F. E. Blackert	..... Rue L. Boswell
..... J: H. Hopson	Hydrology
..... E. N. Everett	..... James Jabrskie
..... *Donald W. Shanklin	..... Jerry Andrews
Design .....	..... T. D. Snider
..... C. M. Moore	..... Frank P. Erichsen
..... H. J. Behrens	..... Calvin Jackson
..... Donald L. Basinger	..... *William Merkel
..... Robert A. Fronk, Jr.	Irrigation
..... *William H. Leeming	..... L. F. Lawhon
Drainage .....	..... Carl L. Anderson
..... T. C. Anderson	..... E. L. Alexander
..... Alonza Gibson	..... Carroll A. Hackbart
..... K. V. Stewart, Jr.	..... Nelton O. Salch
..... L. W. Herndon	Recreation
..... H. J. Foreman	..... H. H. Wilkerson
..... Richard D. Wenberg	..... R. J. Miller
..... W. Kenneth Twitty, Jr	River Basins
..... *S. Rodney White, Jr	..... L. D. Ledvina
Engineering Geology .....	..... S. B. Owen
..... G. M. Brune	Sedimentation Geology
..... R. H. Cole	..... G. W. Renfro
..... James B. Hyland	..... E. C. Nicholas, Jr.
..... *Homer H. Logan	..... *Peter G. Waldo
Environment, Water Quality	Soil Engineering
& Waste Disposal .....	..... R. B. Phillips
..... G. A. Margheim	..... Hal Norman
..... J. P. Burt	..... *Charles H. McElroy
..... *David Moffet	Groundwater
Landscape Architecture ...	..... Dennis C. Erinakes
..... *Phillip B. Delucchi	Zone Engineers
Planning .....	..... Phillip M. Price
..... Howard O. Matson	..... Charles M. Moore
..... Harold Kautz	..... Jack W. Adair
..... W. A. Weld	..... William T. Burtschi
..... J. H. Johnson	..... Nathan Falk
..... Charles M. Moore	..... Edwin D. Butler
	..... Russel Grandbury
	..... Monroe Hartman

Milwaukee, Wisconsin

Regional Engineer or Head .....	..... R. W. Oberlin	Hydrology .....	..... Frank P. Erichsen
..... Edwin Freyburger	..... C. E. Ghormley	Irrigation .....	..... K. H. Beauchamp
Agricultural Engineering		Planning .....	..... John S. Glass
Construction .....	..... E. Freyburger	..... A. F. Moratz	..... C. L. Overstreet
..... William A. Weld	..... Neil Bogner	Sedimentation Geology .....	..... W. J. Abrams
..... Neil Bogner	Design	Soil Engineering .....	..... David C. Ralston
..... Melvin M. Culp	..... H. J. Behrens	Zone Engineers .....	..... Arthur W. Kowitz
Drainage .....	..... Keith H. Beauchamp	..... Paul Jacobson	..... A. F. Kleinhenz
..... Guy B. Fasken	Engineering Geology		
..... Earl F. Dosch	..... A. F. Geiger		

Unit discontinued 1964

STATE CONSERVATION ENGINEERS

Alabama

..... Arvy Carnes
 R. M. Matthews
 A. B. Holland
 Henry A. Miller
 *Bobby Moore

Alaska

..... James D. Louthan
 *Lewis L. Burton

Arizona

..... J. J. Turner
 R. M. Arrington
 *R. J. Dekle

Arkansas

..... Elwin D. Butler
 Lyle D. Bobeck
 Carl T. Peters
 *Dennis Carman

California

..... Hal G. Enderlin
 Paul O. Tilker
 Hugh T. Shogren
 William R. Evans
 Lee P. Herndon
 Olice "Ted" Gerbaz
 *Charles Davis

Caribbean Area

..... B. E. Davidson
 L. J. Ward
 A. N. Gibson
 P. Cantoni-Martin
 I. R. Emmanuelli
 John H. Geter
 Oscar Perez
 Benjamin Delgado
 *Warner Ivizarry

Colorado

..... Charles H. Mitchell
 J. R. Fisher
 *Flavio Gonzales

Connecticut

..... S. J. Smith, Jr.
 Ted R. Wire
 W. T. Ferguson, Jr.
 E. Minnick
 *William Ireland

Delaware

..... E. L. Schmertzler
 J. W. Stingel
 Grady E. Griggs

..... Emeron P. Christensen
 *Ronald F. Gronwald

Florida

..... U. S. Allison
 D. E. Alcorn
 Douglas E. Hawkins
 Jesse Livingston
 James Martin
 Nelton Slach
 *Jesse T. Wilson

Georgia

..... L. D. Worley
 Robert C. Robinson
 A. J. Dornbusch
 Robert C. Robinson
 *John P. McEvoy

Hawaii

..... R. I. Blewitt
 H. T. Shogren
 Swayne Scott
 Harry N. Means
 William Annabelle
 Larry J. Babich
 *Gordon O. Klofstad

Idaho

..... Meader H. Wilkins
 H. C. Moore
 *H. LeRoy Zollinger

Illinois

..... O. T. Dobyms
 Joseph W. Haas
 Donald E. McCandless
 P. H. Christensen
 W. B. Moody
 M. C. Schendel
 *Harry Means

Indiana

..... R. H. Austin
 John A. Geter
 Eugene J. Pope
 Max L. Evans
 *Jeffry W. Healy

Iowa

..... Paul Jacobson
 Dewey T. Bondurant
 Douglas Seibel
 Don C. Peterson
 *Mark J. Jensen

Kansas

..... George R. Smith
 *Jim R. Wallace

* Incumbent 1990

Kentucky

..... J. M. Burns
..... Joseph R. Davis
..... *Billy P. Hartsell

Louisiana

..... K. V. Stewart, Jr.
..... Larkin B. Agnew
..... *Harry Hawthorne

Maine

..... Glenn W. Grubb
..... R. H. Stone
..... Frank R. Farmer
..... *Arthur G. Dearborn

Maryland

..... J. Turnbull
..... K. P. Jarvis
..... William P. Weldon
..... Richard R. Nagle
..... *John W. Mickley

Massachusetts

..... M. H. Hubler
..... Z. E. Mills
..... Karl A. Klingelhofer
..... Donald L. Basinger
..... Cecil B. Currin
..... *Carl Gustafson

Michigan

..... E. A. Zack
..... J. W. Waterman
..... Glen E. Stucky
..... W. J. Ochs
..... Loren L. Oshel
..... Howard Belcher, Jr.
..... Edwin L. Minnick
..... *Stephen Davis

Minnesota

..... J. H. Maher
..... R. A. St. John
..... Richard D. Wenberg
..... R. C. Bintzler
..... Richard M. Rovang
..... *John C. Brach

Mississippi

..... H. H. Lester
..... J. B. Furr
..... Peter Forsythe
..... *Richard L. Peace

Missouri

..... W. S. Culpepper
..... James M. Dale
..... *Hugh A. Curry

Montana

..... Eugene H. Sperry
..... Bobby B. Gemmill
..... Homer Moore
..... Raymond Smith
..... R. W. Van Klaveren
..... *James D. Suit

Nebraska

..... D. R. Vallicott
..... Leland G. Jackson
..... *Thomas Hamer

Nevada

..... V. J. Allen
..... *Loren J. Spencer

New Hampshire

..... Charles E. Fogg
..... L. F. Silverberger
..... Jesse L. Hicks
..... Charles H. Dingle
..... Henry S. Stamatel
..... W. A. Jolly
..... Tillman Marshall
..... *Gerald J. Lang

New Jersey

..... K. S. Werkman
..... Richard H. Marston
..... Donald W. Haslem
..... Carmelo J. Montana
..... *John A. Tibbetts

New Mexico

..... C. W. Bennett
..... C. J. McCash
..... Roy D. Thompson, Jr.
..... E. C. Vittetoe
..... Roy D. Thompson, Jr.
..... *J. Gordon O'Dell

New York

..... W. S. Atkinson
..... Richard L. Phillips
..... Donald W. Shanklin
..... Lloyd Thomas
..... Phillip Nelson
..... *Donald M. Lake, Jr.

North Carolina

..... G. L. Sherman
..... Robert G. Jessup
..... *Harry J. Gibson

North Dakota

..... Walter A. Augustadt
..... Wayne D. Wavrin
..... Clinton R. Johnson
..... A. R. Moum
..... Thomas Fleming
..... Ronald D. Sando
..... *Wesley J. Wiedenmeyer

Ohio

..... A. F. Kleinhenz
..... Joseph H. Harrington
..... *Arthur M. Brate

Oklahoma

..... William T. Burtschi
..... K. S. Cornforth
..... Robert Gray
..... *Larry W. Caldwell

Oregon

..... M. V. Penwell
 Roy L. Fox
 *Roy E. Bright

Pennsylvania

..... F. R. Brower, Jr
 Paul E. Nylander
 C. M. Right
 Buell M. Ferguson
 Edgar L. Hemley
 Mervin Ice
 *William Bowers

Rhode Island

..... (Serviced by Connecticut)

South Carolina

..... J. L. Aull
 S. T. Currin
 W. Burton Wells
 *H. Grady Adkins

South Dakota

..... Clarence D. Brehm
 David J. Tokash
 Keith O. Nelson
 *Dwight D. Hale

Tennessee

..... R. L. Lester
 L. F. Siverberger
 Carl Toney
 O'Gene Barkemeyer
 Paul Lucas
 Phillip H. Smith

Texas

..... Phillip M. Price
 Gene C. Vittetoe
 Cecil Currin
 *O'Gene Barkemeyer

Utah

..... George A. Lawrence
 Gilbert P. Searle
 Phillip D. Coombs
 *G. Arthur Shoemaker

Vermont

..... K. P. Wilson
 Richard A. Gallo
 *Richard J. Croft, Jr.

Virginia

..... W. A. Allaband
 R. C. Barnes, Jr.
 Louis S. Button, Jr.
 *Berry Kintzer

Washington

..... Earl W. Cowley
 Stanley Hobson
 Donald W. Haslem
 W. J. Carmack
 *Julian L. Meuer

West Virginia

..... H. M. Rhodes
 D. C. Ralston
 James L. Dove
 *Michael M. Blaine

Wisconsin

..... A. W. Kowitz
 Marvin L. Knabach
 *Leo J. Wiley

Wyoming

..... Dale Harper
 C. L. Endicott
 John R. Long
 *Duane Klamm

AWARDS TO SCS ENGINEERS AND RELATED PROFESSIONALS

USDA DISTINGUISHED SERVICE AWARDS

1958	Donald A. Williams	Washington, DC
1980	Robert E. Rallison	Washington, DC

WILLIAM A. JUMP MEMORIAL FOUNDATION AWARD

1951

Talcott W. Edminister

ROCKEFELLER PUBLIC SERVICE AWARD

1967

Donald A. Williams

SCS ENGINEER OF THE YEAR AWARD

1981	Neil F. Bogner	Washington, DC
1982	Walter J. Ochs	Washington, DC
1983	Charles H. McElroy	Fort Worth, TX
1984	Robert L. Gray	Stillwater, OK
1985	Gene C. Vittetoe	Temple, TX
1986	James R. Talbot	Washington, DC
1987	David C. Moffitt	Portland, OR
1988	Richard W. Van Klaveren	Bozeman, MT
1989	James N. Krider	Washington, DC
1990	Kathryn Bird-Humphreys	Artesia, NM
1991	John C. Tiedeman	Sacramento, CA
1992	Hugh A. Curry	Columbia, MO
1993	Victor W. E. Payne	Alburn, AL

PRESIDENTIAL DESIGN AWARD

1985

Pine Creek Detention Basin, Contra Costa County, CA
 Charles Davis, Design Engineer
 Robert E. Snieckus, Landscape Architect
 Olice "Ted" Gerbaz, State Conservation Engineer

HARVARD GRADUATE SCHOOL OF DESIGN

Loeb Fellowship Award

1976-77

Sally Schauman

1983-84

Carolyn Adams

USDA SUPERIOR SERVICE AWARDS

1948	William X. Hull	Washington, DC
1948	Lewis A. Jones	Washington, DC
1948	Ralph L. Parshall	Fort Collins, CO
1949	Allan W. McCulloch	Portland, OR
1949	Walter Wesley McLaughlin	Berkeley, CA
1950	Fred W. Blaisdell	Minneapolis, MN

1950	Irwin L. Saveson	Baton Rouge, LA
1951	Harry F. Blaney	Los Angeles, CA
1951	Talcott W. Edminister	Blacksburg, VA
1952	Karl Harris	Phoenix, AZ
1952	William L. Heard	Albany, MI
1954	Glen H. Baker	Elkins, WV
1956	Robert A. Work	Portland, OR
1959	Carl B. Brown	Washington, DC
1959	Edwin Freyburger	Milwaukee, WI
1959	Ellis Hatt	Portland, OR
1962	Eugene C. Buie	Spartanburg, SC
1964	Louis C. Gottschalk	Washington, DC
1964	Harold O. Ogrosky	Washington, DC
1965	Gail W. Eley	Upper Darby, PA
1965	Chester J. Francis	Washington, DC
1966	Francis K. Muceus	Portland, OR
1973	William L. Heard	Jackson, MI
1973	Elliott M. Flaxman	Portland, OR
1977	Joseph W. Haas	Washington, DC
1978	Galen S. Bridge	Spokane, WA
1980	Charles H. McElroy	Fort Worth, TX
1981	Homer H. Logan	Fort Worth, TX
1982	John P. Burt	Fort Worth, TX
1982	Donald R. Vandersypen	Stillwater, OK
1990	William J. Irwin	Chester, PA
1992	William H. Boyd	Lincoln, NE

PROFESSIONAL SOCIETY AWARDS

American Society of Agricultural Engineers

Past Presidents

1946	Mark L. Nichols
1952	Ivan D. Wood
1968	Talcott W. Edminister

Cyrus Hall McCormick Medal

1934	Mark L. Nichols
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The John Deere Medal

1940	Walter W. McLaughlin
1944	Charles E. Ramser
1949	H. H. Bennett
1952	Ivan D. Wood
1966	Harry F. Blaney
1968	Dwight D. Smith
1970	Wayne D. Criddle
1977	Jan van Schilfgaarde
1978	Lloyd L. Harrold
1981	Claude H. Pair
1985	Neil F. Bogner

Hancock Soil and Water Engineering Award

1966	William W. Donnan
1970	John R. Carreker
1973	E. Paul Jacobson

1975	.....	Elmer W. Gain
1977	.....	Benjamin A. Jones, Jr.
1991	.....	William O. Ree

American Society of Civil Engineers

Norman Medal

1938	.....	Hunter Rouse
1985	.....	James R. Talbot
1985	.....	Lorn P. Dunnigan

Arthur M. Wellington Prize

1973	Rey S. Decker
1973	Norman L. Ryker

Rickey Medal

1949	Fred W. Blaisdell
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The Theodore von Karman Medal

1963	Hunter Rouse
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The Karl Emil Hilgard Hydraulic Prize

1949	Vito A. Vanoni
1951	Hunter Rouse
1961	.....	Hunter Rouse

The J.C. Stevens Award

1960	.....	Hans A. Einstein
1969	.....	Fred W. Blaisdell
1978	Vito A. Vanoni

Hunter Rouse Hydraulic Engineering Lectureship

1983	Vito A. Vanoni
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Royce J. Tipton Award

1966	Harry F. Blaner Sr.
1971	William F. Donnan
1972	George D. Clyde
1978	Elmer W. Gain
1980	Clyde E. Houston

Hans Albert Einstein Award

1989	Vito A. Vanoni
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Civil Engineering History and Heritage Award

1980	Hunter Rouse
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Civil Government Award

1965	George D. Clyde
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American Society of Landscape Architects

Honor Award

1989	Gary Wells
1989	Ronald W. Tuttle

Chronology

- 31 07 01The Division of Agricultural Engineering of the Bureau of Public Roads became the Bureau of Agricultural Engineering.
- 33 03 31Civilian Conservation Corps Camps authorized by the Emergency Conservation Work Act (48 Statutes at Large 22-23).
- 33 04 05President Roosevelt signed the executive order establishing the CCC Camps.
- 33 05 12Agricultural Adjustment Act signed by the President.
- 33 08 25Soil Erosion Service established in the U.S. Department of the Interior.
- 33 09 19Operation of the Soil Erosion Service begun. H. H. Bennett transferred from USDA as Director of SES.
- 33 10 10The first soil erosion control project, the Coon Creek Project, was established in Coon Valley, WI.
- 33 10 16Walter C. Lowdermilk entered on duty as Vice-Director of SES.
- 33 11 27The first emergency labor was allocated to the Service by the Civil Works Administration.
- 34 01 24William A. F. Stephenson entered on duty as Chief of Operations.
- 34 02 15Civil Works program of emergency labor discontinued. 1,835 men had been assigned to work on seven of the regularly established projects.
- 34 04 01Twenty-two ECW Camps put under the direction of SES.
- 34 05 11Great dust storm in the "Dust Bowl" occurred sweeping fine soil particles over Washington, DC and 300 miles out into the Atlantic Ocean.
- 34 06National Resources Board succeeds National Planning Board. Later reestablished as National Resources Committee.
- 34 06 30SES has 2200 employees. Average CCC camp enrollment, 193 men of whom 82 percent were between 18 and 25 years of age, 13 percent were veterans, and 13 percent were experienced men. SCS supervision and facilitation averaged 9.85 employees per camp.
- 34 10 23First issue of "THE LAND" Today and Tomorrow" distributed.
- 35 03 27SES transferred to the USDA by Departmental Memorandum 665. Thirty-nine erosion control projects and 51 ECW camps active.
- 35 04 27Soil Conservation Act of 1935 (P.L. 46, 74th Cong.) approved. Soil Conservation Service established in USDA, with H. H. Bennett, Chief.
- 35 06 06Secretary approved a recommendation that after 1 July 1937 that erosion-control work on private land be accomplished through legally constituted Soil Conservation Associations.
- 35 06 25First CCC Drainage Camp, located at Bancroft, IA, established.35 06 30SCS has 6,622 employees of which 320 were located in Washington.
- 35 07 24Water Resources Committee appointed. Outgrowth of National Resources Committee of June 1934.

- 35 07 30..... SCS's first Region, Southwest Region (Region 8) established at Albuquerque, NM.
- 35 08 01..... "Soil Conservation" magazine authorized.
- 35 09 19..... Southeast Region (Region 2) established at Spartanburg, SC.
- 35 09 19..... Northeast Region (Region 1) established; permanent headquarters at Williamsport, PA.
- 35 09 30..... Midsouth Region (Region 4) established at Fort Worth, TX.
- 35 10 08..... Water Resources Committee submitted a report relating to Small Water Storage Projects.
- 35 10 21..... Southern Great Plains Wind Erosion Region (Region 6) established at Amarillo, TX.
- 35 10 21..... Pacific Northwest Region (Region 11) established at Spokane, WA.
- 35 10 21..... Pacific Southwest Region (Region 10) established at Santa Paula, CA.
- 35 10 26..... Ohio Valley Region (Region 3) established; permanent headquarters at Dayton, OH.
- 35 11 05..... Division of Cooperative Relations redesignated the Division of Cooperative Relations and Planning.
- 35 11 29..... Northwest Region (Region 9) established; permanent headquarters at Rapid City, SD.
- 35 12..... Thomas B. (Jack) Chambers appointed Chief, Engineering Division, SCS.
- 35 12 02..... Central Great Plains Region (Region 7) established; permanent Headquarters at Salina, KS.
- 35 12 11..... Upper Mississippi Region (Region 5) established at Des Moines, IA.
- 35 12 27..... Competitive classified Civil Service status acquired by 10,325 employees.
- 35 12 31..... SCS operating 498 ECW (CCC) camps, the maximum number achieved.
- 36 01 06..... Supreme Court invalidated production control provisions of Agricultural Adjustment Act of 1933.
- 36 02 10..... Program Divisions included Research, Cooperative Operations, and Cooperative Relations and Planning.
- 36 02 29..... Soil Conservation and Domestic Allotment Act of 1936 passed permitting soil-conserving payments.
- 36 06 22..... Flood Control Act of 1936 (P.L. 74-738) approved.
- 36 06 30..... SCS had 11 regional offices, 147 demonstration projects, 48 nurseries, 23 Experiment Stations and 454 CCC camps employing 10,394 persons.
- 36 09 26..... 23,709 WPA relief laborers employed by SCS, the peak number attained.
- 36 11 30..... Demonstration areas in Puerto Rico initiated.
- 37 02 23..... President Roosevelt submitted to the Governors of all States a recommended standard Soil Conservation District law.

- 37 02 27President Roosevelt wrote State Governors urging passage of State legislation to effectuate a soil conservation district program.
- 37 03 03First Soil Conservation District law in U.S. enacted in Arkansas.
- 37 06 28The Civilian Conservation Corps Act approved (50 Statutes at large 319-22).
- 37 06 30Employees in SCS (ECW and SCS) numbered 13,245 people.
- 37 07 07The Division of Watershed and Conservation Surveys established.
- 37 07 22Land Utilization programs authorized by the Bankhead-Jones Farm Tenant Act, (P.L. 75-210) initiated and administered by the Resettlement Administration, USDA.
- 37 08 04First Soil Conservation District in U.S., the Brown Creek Soil Conservation District, organized in North Carolina.
- 37 08 28The Water Facilities Act of 1937 (P.L. 75-399) approved.
- 38 02 16The Agricultural Adjustment Act of 1938 approved establishing a policy of parity prices.
- 38 06 16Regional Office, Region 1, transferred to Upper Darby, PA.
- 38 06 28The Flood Control Act of 1938 (P.L. 761 - 75th Congress) approved.
- 38 06 30SCS had 25,481 employees including 4,986 operating CCC camps.
- 38 07 01Action phases of the Water Facilities Act of 1937 assigned to the Soil Conservation Service.
- 38 08 28Flood Control Act of 1937 (P.L. 406 - 75th Congress) approved.
- 38 10 16The Bureau of Agricultural Engineering was abolished and its functions transferred to the Bureau of Agricultural Chemistry and Engineering and the Bureau of Plant Industry.
- 38 11 01Administration of Land Utilization and Retirement of Submarginal Land programs transferred from Resettlement Administration to the Soil Conservation Service.
- 38 12 03Drainage and irrigation responsibilities previously held by the Bureau of Agricultural Engineering were transferred to the Soil Conservation Service.
- 38 12 19Area Office organization policy established.
- 39 01 01First Soil Conservation work in Hawaii.
- 39 01 02Research programs in irrigation, drainage, and snow survey transferred to SCS from the Bureau of Agricultural Engineering.
- 39 01 21Regional Office (Region 9) moved from Rapid City, SD, to Lincoln, NE.
- 39 03 01Regional Office at Salina, KS closed transferring functions to other regions.
- 39 03 27Regional Office (Region 5) transferred from Des Moines, IA to Milwaukee, WI.
- 39 05 15Regional Office (Region 10) transferred from Santa Paula, CA to Berkeley, CA.
- 39 06 01Region 11, embracing WA, OR and ID was designated as Region 9.
- 39 06 01Region 9, embracing NE, SD, ND, WY and MT was designated as Region 7.

- 39 06 20.....SCS Regional Offices now located at Upper Darby, PA, Spartanburg, SC, Dayton, OH, Fort Worth, TX, Milwaukee, WI, Amarillo, TX, Lincoln, NE, Albuquerque, NM, Spokane, WA and Berkeley, CA.
- 39 06 20.....SCS reorganized to reflect new responsibilities. The organization included the following Divisions: Land Management, Institutional Adjustments, Land Acquisition, Farm Planning and Management, Engineering, Agronomy, Forestry, Range Conservation, Nursery, Biology, Climatic and Physiographic, Sedimentation Studies, Irrigation, Hydrologic, Conservation Economics, Hillculture, Drainage, Conservation Experiment Stations, Physical Surveys, Economic Surveys, Cartography, Project Plans, States Relations, and Program Procedures.
- 39 06 30.....SCS employees numbered 20,218 plus 17,896 WPA laborers.
- 39 07 01.....Thirty-eight CCC Drainage Camps were transferred to the SCS from the Bureau of Agricultural Engineering.
- 39 07 01.....Division of Irrigation and Drainage, Bureau of Agricultural Engineering transferred to SCS.
- 39 07 01.....Region 9, Spokane, WA given responsibility for work in AK.
- 39 07 01.....Region 10, Berkeley, CA given responsibility for work in HI.
- 39 07 01.....Region 2, Spartanburg, SC given responsibility for work in PR.
- 39 07 01.....Land Utilization Program (LU) transferred to the SCS from the Bureau of Agricultural Economics.
- 39 08 11.....The Flood Control Act of 1939 (P.L. 396 - 76th Congress) approved.
- 39 08 11.....Case-Wheeler Projects authorized (P.L. 76-398).
- 39 11 27.....Flood Control operations assigned to the Soil Conservation Service.
- 40 06 30.....Employees in the SCS numbered 4,369 in the CCC programs, 11,065 full-time and 1,282 part-time in the SCS programs, totaling 16,716.
- 40 06 30.....Responsibility for soil and water conservation on public lands under the US Department of the Interior was transferred from the SCS to the USDI.
- 40 07 01.....Weather Bureau transferred from USDA to the Department of Commerce. SCS retained authority for making snow surveys.
- 40 10 14.....Wheeler-Case Act amended.
- 40 11 01.....One hundred seventy-six demonstration projects active.
- 40 11 01.....One hundred seventy-four demonstration projects were active in 45 states.
- 41 05 22.....First Civilian Public Service Camp was assigned to SCS.
- 41 06 30.....SCS had 9,038 full- and part-time employees plus 4,445 assigned to the CCC.
- 41 08 18.....The Flood Control Act of 1941 (P.L. 228 - 77th Congress) approved.
- 42 05 05.....Farm Drainage, Hydrologic, Sediment Studies, and Climatic and Physiologic Divisions were assumed by the new Erosion Control Practices and Water Conservation and Disposal Practices Divisions.

- 42 07 01Water Facilities Program transferred to the Farm Security Administration from the Soil Conservation Service (Secretary's Memo 969).
- 42 07 01Reorganization eliminated 3 regional headquarters leaving Region 1 at Upper Darby, PA, Region 2 at Spartanburg, DC, Region 3 at Milwaukee, WI, Region 4 at Fort Worth, TX, Region 5 at Lincoln, NE, Region 6 at Albuquerque, NM, and Region 7 at Portland, OR.
- 42 07 06The SCS Washington Office included the Land Acquisition, States Relations, Agronomy, Range, Engineering, Biology, Nursery, Forestry, Land Management, Project Plans, Soil Conservation Surveys, Cartographic, Erosion Control Practices, Water Conservation and Disposal Practices, and Irrigation Divisions.
- 43 02 13The Bureau of Agricultural Chemistry and Engineering was abolished and some functions transferred to the Bureau of Plant Industry, Soils and Agricultural Engineering.
- 43 04 19SCS became a part of the War Food Administration within the USDA.
- 43 06 30SCS had 7,301 full time and 3,692 part time employees. More than 2,500 (later exceeding 3,000) were on military furlough.
- 43 07 01Flood control work suspended for the duration of World War II.
- 43 07 16Wheeler-Case Act amended.
- 44 06 30Final closing date for work in demonstration projects.
- 44 06 30The Water Conservation Division was established.
- 44 06 30SCS employees, full- and part-time, numbered 9,449.
- 44 12 22 "Pick-Sloan Plan" for development in the Missouri River Basin authorized by the Flood Control Act of 1944 (P.L. 78-534) .
- 45 03 30Wheeler-Case projects were transferred from the Farm Security Administration to the Soil Conservation Service.
- 45 03 30The War Food Administration was terminated. SCS continued as a separate agency within the USDA.
- 45 06 30SCS employees, full- and part-time, numbered 12,328.
- 45 07 01Suspended flood control work was resumed and surveys and investigations proceeded on additional watersheds.
- 46 06 30SCS had 15,724 full- and part-time employees.
- 46 07 24The Flood Control Act of 1946 (P.L. 526 - 79th Congress) approved.
- 46 10 01SCS had the following Divisions: Land Acquisition and Sales, States Relations, Agronomy, Biology, Cartographic, Engineering, Forestry, Nursery, Land Management, Project Plans, Range, Soil Conservation Surveys, Water Conservation, Erosion Control Practices, Farm Irrigation, and Water Conservation and Disposal Practices.
- 47 06 30SCS had 12,781 full- and part-time employees.
- 47 07 26Authority to work in the Virgin Islands clarified.
- 47 08 28Last of the 15 Civilian Public Service Camps assigned to the SCS was discontinued.

- 47 12 16.....SCS reorganized discontinuing Camp Operations Division and the Land Acquisition and Soils Division.
- 48 02 16.....SCS office opened in Alaska.
- 48 06 30.....SCS had 12,087 full- and part-time employees.
- 48 09 21.....The SCS Assistant Chief appointed a committee to "prepare a handbook setting forth service-wide guides covering design criteria, design procedures, standard specifications and contract procedures."
- 49 06 29.....Authority given for the Agricultural Conservation Program to provide funds, not to exceed 5 percent of their allocation, to the SCS for services of SCS technicians in carrying out agricultural conservation programs.
- 49 06 30.....SCS had 14,431 full- and part-time employees.
- 49 07 01.....Engineering Standards Unit established at Lincoln, NE.
- 49 09 29....."Young Plan" of USDA to provide soil and water conservation in the Missouri River Basin and supplement the "Pick-Sloan Plan" submitted to Congress.
- 50 06 30.....SCS had 14,682 full- and part-time employees.
- 50 07 18.....States Relations Division, SCS abolished.
- 51 02 15.....SCS made responsible for all technical phases of the permanent types of soil conservation work undertaken by the Production and Marketing Administration.
- 51 03 30.....President Truman authorized the extension of the services of H. H. Bennett to April 30, 1952.
- 51 06 30.....SCS had 14,665 full- and part-time employees.
- 51 11 13.....Robert M. Salter appointed Chief of the Soil Conservation Service succeeding H. H. Bennett.
- 52.....Engineering Standards Unit moved to Beltsville, MD and became the Design Section.
- 52 01 11.....The Design and Construction Division was established; the Engineering Division was abolished. The functions of the Division s of Agronomy, Biology, Forestry, Nursery, Range, and Land Management were combined in the Engineering Practices Division.
- 52 01 22.....The Water Conservation Planning Division was established; the Engineering Division was abolished; and the Design and Construction Division was established.
- 52 01 22.....SCS Water Conservation Planning Division was established to take over most of the functions of the Water Conservation Division.
- 52 01 23.....SCS Division of Irrigation and Water Conservation was redesignated the Division of Irrigation Engineering and Water Conservation.
- 52 06 30.....SCS had 13,965 full and part time employees.

- 52 07 01Flood Rehabilitation Act of 1952 made funds available to SCS for emergency channel restoration, land restoration, and flood rehabilitation in designated flood disaster areas.
- 52 11 15SCS given responsibility for all soil survey activities.
- 53 01 16The Water Conservation and Disposal Practices, Erosion Control Practices, Water Conservation and Irrigation Engineering Divisions were deleted.
- 53 04 01General responsibility for administration of all of the Department's flood control and river basin investigation activities was assigned to SCS.
- 53 06 30SCS had 14,726 employees.
- 53 07 20183 preliminary examinations of small watershed had been completed and 25 detailed survey reports had been submitted to Congress.
- 53 07 28Funds appropriated for demonstrations of combined soil conservation and flood control in 50 or more small pilot watersheds.
- 53 11 02All research except for the national soil survey was transferred from the SCS to the Agricultural Research Service.
- 53 11 02Management of the Land Utilization Projects was transferred from the Soil Conservation Service to the Forest Service.
- 53 11 02The seven Regional Offices of the SCS were abolished. State and Territorial offices were established.
- 53 11 02Donald A. Williams appointed Acting Administrator of SCS.
- 53 11 27Donald A. Williams appointed Administrator of SCS, succeeding Robert M. Salter.
- 53 12 11SCS Design and Construction Branch designated.
- 53 12 11SCS Water Conservation Planning Branch designated.
- 54 01 01Effective date of the transfer of research activities to ARS.
- 54 01 01Land Utilization and Retirement of Submarginal Land Program transferred to Forest Service.
- 54 06 08SCS Central Technical Unit established at Beltsville, MD with Woody L. Cowan, Head; Victor Mocus and H. N. Holtan, Hydrologists, and Victor H. Jones, Geologist. The CTU became responsible for some of the functions previously carried out by the Design Section.
- 54 06 30Emergency flood rehabilitation work in designated areas substantially finished.
- 54 06 30Number of employees in the SCS was 13,546.
- 54 07 02Policy on technical assistance to foreign countries established in Relations Memorandum-4.
- 54 07 20The procedure for review and approval of engineering plans established by Engineering Memorandum-6.
- 54 07 20Policy for the preparation of technical standards given in Engineering Memorandum-6.

- 54 08 04..... The Watershed Protection and Flood Prevention Act (P.L. 83-566) was approved terminating USDA activities under the Flood Control Act of 1936 except in the 11 Authorized Watersheds. SCS was designated as the USDA action agency.
- 54 08 17..... By amendment, the Farmers Home Administration was given responsibility for administration of the Water Facilities Act (P.L. 83-597). The SCS to cooperate as requested by the FmHA.
- 54 09 10..... Preparation of Farm Planners Engineering Handbook directed by Engineering Memorandum-8.
- 54 09 29..... The outline for the preparation of the National Engineering Handbook established by Engineering Memorandum-9.
- 55 05 12..... SCS reorganized. Engineering Division reports to the Assistant Administrator for Field Services.
- 55 06 30..... SCS had 14,973 employees assisting 2,654 conservation districts and 20 other districts in all states and territories.
- 56 08 07..... Watershed Protection and Flood Prevention Act was broadened to include agricultural water management purposes.
- 56 08 07..... Great Plains Program authorized (Public Law 84-1021).
- 57 04 26..... Operations of the Soil Mechanics Laboratory defined in Engineering Memorandum-21.
- 57 05 03..... Engineering classification of soils established by Engineering Memorandum-22.
- 57 12 09..... Authorities for the review and approval of high hazard dams established in Engineering Memorandum-23.
- 58 05 09..... Policy on group enterprise jobs established in Engineering Memorandum-29.
- 58 08 12..... Fish and wildlife aspects included in watershed projects.
- 58 09 02..... Cost-sharing authorized for fish and wildlife projects.
- 58 11 01..... SCS River Basin and Watershed Planning Divisions established.
- 60 06 20..... USDA created National Grasslands from 22 Land Utilization projects in eleven western states.
- 60 06 27..... Act relating to the preservation of historical and archeological data enacted.
- 61 03 09..... First policy on registration as a Professional Engineer established in Engineering Memorandum-44.
- 62 09 27..... Cost sharing for recreation purposes in watershed projects authorized.
- 62 09 27..... Food and Agriculture Act of 1962 enacted (P.L. 87-703).
- 62 10 02..... Drainage Referral Act (P.L. 87-732) enacted.
- 63..... The Design Section and Central Technical Unit were moved to the Federal Center Building in Hyattsville, MD.
- 63 07 30..... Instructions for the investigation of structure deficiencies issued in Engineering Memorandum-53.
- 64..... The Design Section became the Design Unit.

- 64.....Resource Conservation and Development projects begun under the authority of Food and Agriculture Act of 1962.
- 64 05 22.....Four Regional Technical Service Centers established through Administrators General Memorandum-1.
- 64 08 07.....Administrator defines the interrelationships of the Washington Office, the Engineering and Watershed Planning Units and the State Offices by Administrators General Memorandum-2.
- 65 05 24.....White House Conference on Natural Beauty transmitted 10 specific recommendations to the President on Agriculture and the Landscape.
- 65 06 30.....SCS technical services consolidated into four Regional Technical Service Centers; Upper Darby, PA, Fort Worth, TX, Lincoln, NE, and Portland, OR.
- 65 07 22.....Water Resources Council established.
- 65 08 12.....SCS policy on Natural Beauty of the Countryside established in Environmental Memorandum-2.
- 65 09 23.....Agreement between the SCS and Corps of Engineers with respect to Flood Protection by engineering works was signed.
- 65 11 03.....Limitations for the provision of technical assistance for drainage works defined in Inter-Agency Memorandum-8.
- 65 11 08.....SCS authority for storage reservoirs increased from 5,000 to 12,500 acre feet.
- 66 09 01.....Policy on the Prevention, Control and Abatement of Water Pollution defined in Inter-Agency Memorandum-11.
- 67.....Design Unit and Central Technical Unit moved to Lanham, MD.
- 67 09 18.....Staffing and responsibility of the E&WP Units established by Engineering Memorandum 26 (Rev. 1).
- 68 03 19.....Secretary's Memo 1631 made the quality of the environment a basic policy of the Department.
- 68 06 27.....Authority given to contract for the construction of works of improvement at the request of the local organization.
- 69 01 12.....Kenneth E. Grant appointed Administrator, SCS, succeeding D. A. Williams.
- 69 02 27.....Job Approval Authorities for State Conservation Engineers established.
- 70 01 01.....National Environmental Policy Act of 1969 (P.L. 91-190) enacted.
- 70 07 29.....Field studies on the performance of emergency spillways directed by Engineering Memorandum-74.
- 72.....Last of the Pilot Watershed Projects were completed.
- 72 01 14.....Policy on the Preservation of Historical and Archeological Data and Historic Sites established in Environmental Memorandum-8.
- 72 08 30.....Authority for water quality management, pollution control, municipal and industrial water supply given in connection with watershed protection projects.

- 73 01 22..... Administrative direction of Soil Mechanics Laboratory assigned to Midwest RTSC.
- 73 01 22..... Administrative responsibility for the Soil Mechanics Laboratory at Lincoln, NE transferred from the Engineering Division to the Midwest Regional Technical Service Center by Personnel Memorandum-117 (Rev. 2).
- 73 01 22..... Organization of Engineering Division defined by Personnel Memorandum-117 (Rev. 2).
- 73 02 13..... SCS policy to deny technical assistance in the drainage of Types 3, 4 and 5 wetlands adopted.
- 75 03 31..... Policy on Landscape Architecture in the SCS defined in Engineering Memorandum-75.
- 75 06 01..... R. Melvin Davis appointed Administrator, SCS, succeeding Kenneth E. Grant.
- 76 07 01..... SCS has been involved in the construction of 2,566,615 dams of all sizes -- large multipurpose structures to farm ponds.
- 77 04 01..... 1,185 watershed projects had been approved for operations and 434 of these had been completed.
- 77 04 23..... The President directed all agencies to emphasize dam safety.
- 77 05 23..... Executive Order 11988, Floodplain Management issued.
- 77 05 24..... Executive Order 11990, Protection of Wet Lands issued.
- 77 08 08..... Rule requiring Environmental Impact Statements on SCS projects published in the Federal Register.
- 77 09 02..... Secretary of Agriculture directed plans for dam safety be developed.
- 77 10 01..... Administrative approval of watershed work plans from \$150,000 to \$1,000,000 given.
- 78 06 SCS plan for dam safety developed.
- 79..... National Engineering Staff established to include the Design Unit, the Central Technical Unit and Others. The Central Technical Unit was renamed the Hydraulic Unit.
- 79 05 29..... National Engineering Manual established.
- 79 09 12..... Norman Berg appointed Chief, SCS, succeeding R. Melvin Davis.
- 81 12 22..... Agricultural and Food Act of 1981 (P.L. 97-98) approved.
- 82..... National Engineering Staff became a part of the National Engineering Division located at Lanham, MD.
- 82 04 04..... Peter Myers appointed Chief, SCS, succeeding Norman Berg.
- 83..... Lanham Staff moved to Cotton Annex, Washington, DC.
- 85 03 20..... Peter Myers appointed Assistant Secretary, Natural Resources and Environment, USDA.
- 85 05..... Study of USDA's agencies to evaluate the potential for contracting activities to the private sector and potential for sharing some responsibilities between agencies conducted.

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- 85 05 21.....Wilson Scaling appointed Administrator, SCS, succeeding Peter Myers.
- 85 12 23.....Food Security Act of 1985 (P.L. 99-198) enacted.
- 86.....A Productivity Improvement Program for engineering was conducted.
- 86.....Engineering Software Work Group (ESWG) established.
- 86 04 15.....Productivity Improvement Program in SCS initiated.
- 87.....Field Office Engineering Software (FOES) project implemented.
- 88.....A National Water Quality Staff for Technology Development was established and located in Fort Worth, TX.
- 88.....USDA/SCS established policy to provide technical assistance for quality and quantity of both surface water and groundwater.
- 88 08 23.....Productivity Improvement study distributed.
- 88 10 28.....Memo of Agreement signed with Land Improvement Contractors of America to assist training contractors to apply engineering practices.
- 89.....Water Quality Technology Development Staff established at the South National Technical Center.
- 89.....National Engineering Staff was reorganized as the Engineering Technology Software Development and Maintenance Staff under an Assistant Director, Engineering Division.
- 89 06 28.....Schedule established to implement the recommendations of the Engineering Management Improvement Plan.
- 89 10.....Stillwater Outdoor Hydraulic Laboratory designated a historic landmark by the American Society of Civil Engineers Dedication on 90 02 23.
- 90 07 13.....Roy M. Gray appointed Acting Chief, SCS, following the retirement of Wilson Scaling.
- 90 12 16.....William J. Richards became Chief of SCS.

Index of Acronyms

AAA.....	Agricultural Adjustment Administration
ACP	Agricultural Conservation Program
ARS	Agricultural Research Service
ASDSO.....	Association of State Dam Safety Officials
ASTM.....	American Society for Testing Materials
BAE	Bureau of Agricultural Engineering
CCC	Civilian Conservation Corps
CTU	Central Technical Unit
CWA.....	Civil Works Administration
DS	Design Section
DU	Design Unit
EAP	Emergency Action Plan
ECW	Emergency Conservation Work
EPA	Environmental Protection Agency
ESU	Engineering Standards Unit
E&WP Unit.....	Engineering and Watershed Planning Unit
FAO.....	Food and Agricultural Organization (UN)
FOES.....	Field Office Engineering Software
FSA.....	Farm Security Administration
IPOT	Inventory of Proven Operational Technology
NEH.....	National Engineering Handbook
NTC	National Technical Center
RC&D	Resource Conservation and Development
SCS.....	Soil Conservation Service
SES.....	Soil Erosion Service
SML	National Soil Mechanics Laboratory
TSC	Technical Service Center
USBR	U.S. Bureau of Reclamation
USDA.....	U.S. Department of Agriculture
USDI.....	U.S. Department of the Interior
VCC.....	Veterans Conservation Corps
WPA	Works Progress Administration