



**DELAWARE COUNTY
SOIL AND WATER
CONSERVATION DISTRICT
Annual Report - 1998**

Delaware Soil and Water Conservation District ANNUAL REPORT

Financial statement expenditures of funds provided by the State of Iowa for District Commissioners expenses, office supplies, and cost share program.

July 1, 1997 thru June 30, 1998

IM BUDGET

Original Allocation 7/1/97	\$2,500.00
Supplemental Allocation	+\$1,157.84
Commissioners Expense	-\$1,444.21
Office Supplies & Expenses	-\$1,713.63
Remaining & Returned to State June 30, 1998	\$ -0-

IIIM BUDGET - COST SHARE PROGRAM

FY 97-98 Original Allocation 7/1/97	\$27,357.00
Spent in FY 98	-\$20,026.21
Obligated	-\$ 3,980.00
Remaining 6/30/98	\$ 3,350.79
FY 96-97 Original Allocation 7/1/96	\$27,357.00
Supplementals 3/21/98	+\$3,297.35
Spent in FY 97	-\$14,488.98
Spent in FY 98	-\$14,304.69
Recalled 12/31/97	-\$ 1,860.68
Remaining 6/30/98	\$ -0-
FY 95-96 Original Allocation 7/1/95	\$27,173.00
Supplementals	+\$39,337.00
Spent in FY 96	-\$ 7,742.18
Spent in FY 97	-\$20,127.11
Spent in FY 98	-\$12,422.40
Recalled 12/31/96	-\$ 2,778.71
Recalled 12/31/97	-\$ 4,292.50
Obligated	-\$ 8,350.00
Remaining 6/30/98	\$10,797.10
FY 94-95 Original Allocation 7/1/94	\$25,057.00
Spent in FY 95	-\$12,878.73
Spent in FY 96	-\$10,713.19
Recalled 6/30/96	-\$ 1,465.08
Remaining 6/30/98	\$ -0-

REAP PRACTICES COST SHARE PROGRAM

FY 97-98 Original Allocation 8/1/97	\$ 8,015.00
Spent in FY 98	-\$7,213.74
Remaining & Recalled 10/31/98	\$ 801.26

REAP FORESTRY/NATIVE GRASSES

FY 97-98 Original Allocation 8/1/97	\$ 1,808.50
Supplemental 10/14/97	+\$ 1,623.80
Spent in FY 98	-\$2,100.00
Remaining & Recalled 10/1/98	\$ 1,332.30

ORGANTIC NUTRIENT MANAGEMENT PRACTICES

FY 98 Original Allocation	\$7,500.00
Spent in FY 98	-\$ 7,500.00
Remaining 10/1/98	\$ -0-

REVOLVING FUND

Balance 7/1/97	\$ 6,287.96
Minus-Education items, prizes, camps	\$1,471.09
Spring Branch Watershed	\$1,032.12
Commissioner Expenses	\$1,065.61
IASWCD & NACD Dues	\$1,150.00
Sales Tax for '96	\$ 352.28
Annual Report	\$2,044.00
Nursery License	\$ 25.00
Tree Sales Program	\$2,324.66
Gateway Computer	\$1,645.00
Office Supplies	\$1,479.83
Plus-Reimbursement from IM Fund and	
Spring Branch Watershed	\$4,655.12
Tree Sales Program	\$3,654.42
Conservation Technology Information Center	\$1,775.00
Calendar Ads	\$3,805.0
Other Deposits	\$ 193.50
Balance 6/30/98	\$ 7,781.41



Continuous Conservation Reserve Program

The Conservation Reserve Program (CRP) has a continuous sign-up going on right now through your local USDA Service Center.

The continuous CRP is targeted at improving water quality, reducing soil erosion and providing wildlife habitat. This voluntary program offers annual rental rates based on soil productivity and local cash rental rates. The continuous CRP also provides 50% cost share assistance to establish long-term resource-conserving vegetative covers on eligible land. To be eligible land must have been planted or considered planted to an agricultural commodity in 2 of the last 5 years. An exception to this would be pastureland adjacent to a creek or stream, that would be enrolled into riparian buffer strips. The duration of these CRP contracts are for 10 years with the option of up to 15 years for some practices.

There are several practices eligible for this continuous sign-up. **Grass filter strips** along intermittent or permanent flowing streams, and other water bodies are eligible for the program. **Riparian buffers** are strips next to streams that are planted predominantly to trees. This practice is eligible on both cropland and pastureland. **Grassed waterways** which are not already in existence are eligible to go into the program for 10 years. These waterways, installed to NRCS specifications, are eligible to receive 50% cost share.

Another practice eligible for the continuous sign-up is a **shelterbelt**. A shelterbelt is a farmstead windbreak which helps to conserve energy, provide shelter for livestock, and provide wildlife habitat. **Contour buffer stripcropping** is an excellent practice to help reduce soil erosion in crop fields. Grass buffer strips up to 30 ft. wide are alternated with crop strips down the slope of a hill. This practice, along with field borders as part of the system, are eligible to be enrolled for 10 year contracts. Another common practice eligible for this program is **shallow water areas for wildlife**. For this practice, a small area of shallow water is developed and the area is then surrounded by a permanent vegetative cover. This provides an excellent water source and cover for wildlife. There are other practices eligible for the continuous sign-up such as: **field windbreaks, living snow fences, and well head protection areas**.

If you think you may have an area eligible for one of these practices, please contact our office for further details on land eligibility and rental rates. We are located at 200 South 12th Street in Manchester or phone 319-927-4250.

Conservation Accomplishments

October 1, 1997 to September 30, 1998

	No.	Acres/Ft.
New District Cooperators	25	7,727 ac.
Clients Receiving Assistance	896	
Clients Applying		
Conservation Practices	790	
Conservation Plans		15,221 ac.
Conservation Reserve Program		
Sign up 17-Grass Waterways	4	11.3 ac.
Shallow Water Areas for Wildlife	1	3.8 ac.
Contour Buffer Strips	5	47.8 ac.
Shelterbelt Establishment	3	4.7 ac.
Filter Strips	43	312.2 ac.
Riparian Buffer Strips	17	220.8 ac.
Sign up 16	55	2,230.8 ac.
CRP to DATE	403	10,599.4 ac.
Animal Waste Systems	2	
Conservation Tillage Systems		7,422 ac.
Contour Farming		428 ac.
Contour Stripcropping		384 ac.
Cropland Benefited		14,000 ac.
Farmstead & Feedlot Windbreak	12	
Grassed Waterways		53 ac.
Grade Stabilization Structures	2	
Pasture & Hayland Management		536 ac.
Nutrient Management Systems		5,720 ac.
Streambank Protection		1,725 ft.
Terraces		10,270 ft.
Tree Planting		103 ac.
Water & Sediment Control Basins	6	
Wetland Determinations	139	9,606 ac.
Wetland Restore		15 ac.
Wildlife Upland Habitat Management		160 ac.
Wildlife Wetland Development		25 ac.
Woodland Improvement		541 ac.

Thank You!

The Delaware Soil & Water Conservation District extends its thanks to the people and businesses who have helped sponsor our education programs.

We would also like to thank our staff of the NRCS Area Office for their continued training, moral support, and help with field work.

We extend a special thank you to the following businesses who have made it possible to publish this Annual Report Calendar.

Bard Concrete	Hermann's Hybrids
Brunken Equipment, Inc.	Hopkinton Feed & Grain, Inc.
C & D Construction	Klima Drainage & Land Improvement
Dekalb Hybrids-Tom Robinson	Kuhlman Construction
Del Clay Farm Equipment	Littlefield Crop Services
Delaware County Bankers Association	Manchester Livestock Auction, Inc.
Delaware County Mutual Ins. Assoc.	Moews Seed Company-Roger Patton
Dolan Insurance Agency	Monaghan Financial Services, Ltd.
Dzaboff's Bulldozing	Northeast Iowa T.R.E.E.S
Eastern Iowa Drainage	Robinson Service, Inc.
Eastern Iowa Welding	Ryan Cooperative
Edgewood Building Center	Schieltz Construction, Inc.
Edgewood Feed Mill, Inc.	Schroeder's Cash Supply
Ellis Implement, Inc.	Simon's Grain, Inc.
Farm Credit Services	Sprayers Plus
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Farmers Shipping Assoc.	Swiss Valley Ag Service
Gaffney Quarries, Inc.	Thole Electric
Gallery Heavy Equipment	Three Rivers FS
Gosling & Company P.C.	Timmerman Construction, Inc.
Hausers Water Conditioning, Inc.	Tschiggfrie Const. Materials Inc.
Helle Farm Equipment	Wilhelm Excavating, Inc.



Commissioners

Pictured are the commissioners for the Delaware County Soil and Water Conservation District. Left-Right, Assistant Commissioners Eldon Koenke, Marla Maurer. Commissioners Cindy Mormann, Dave Eibey, Marv Calonder, Ken Jasper, and Arnold Lueken. Absent from photo: Assistant Commissioner, Eric Wahl.

Office Staff

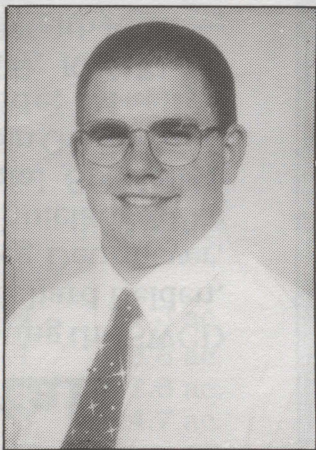
Field Office staffing assisting the SWCD are seated left to right, Richard Belden, Soil Conservationist; Greg Deutmeyer, Soil Convservation Technician; Mike Freiburger, Environmental Specialist. Standing left to right, Robin Gudenkauf, Soil Conservation Aide; Marilyn Beaudine, State Secretary; Ken Klein, State Soil Technician and Keith Krause, District Conservationist. Not pictured is Jim Gudenkauf, Soil Conservation Aide.



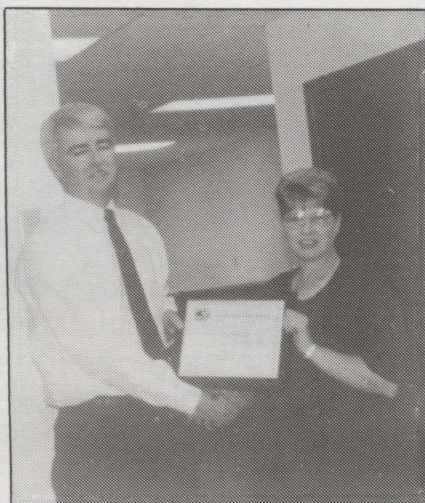
SCHOLARSHIP

For the past several years, the Delaware County Soil & Water Conservation District (SWCD) Commissioners have sponsored a local student from our county with furthering their education, by having a scholarship fund.

The recipient of the 1998 Delaware County SWCD scholarship is Michael Nefzger, son of Jerry and Susan Nefzger of Delhi. Michael plans to study biotechnology and wildlife management to improve fishing by improving genetics and conserving habitats for future generations to enjoy. Our congratulations to Michael for his years of hard work in school and at home and furthering his education.



Employee of the Month



Marilyn Beaudine, State Secretary at the Delaware County SWCD was selected as Iowa Department of Agriculture and Land Stewardship -- Division of Soil Conservation Employee of the Month for October. Besides her daily activities, Marilyn assists the SWCD with their annual report, soil stewardship program, and their annual tree sales program. Pictured is James Gulliford, Director of the Division of Soil Conservation for the Iowa Department of Agriculture and Land Stewardship, presenting the award to Marilyn Beaudine.

Don Eibey

Memorial Award Winner



The Second Annual **Don Eibey Memorial Award** was presented to **Scott Ungs** and his parents, **Marvin and Iva Ungs**. This award is in memory of Don Eibey, who was an active conservationist in Delaware County for many years. The award is to recognize a Delaware County farmer who has installed conservation practices to protect their farm resources. The Ungs have installed 10.2 acres of contour buffer strips and 3.8 acres of waterways along with 98 acres of contouring. With these practices along with minimum tillage, Scott has reduced his soil losses by 70%. The buffer strips have helped Scott maximize his row crop acres and still maintain his soil loss requirements. Scott has enrolled the waterways and buffer strips in the continuous CRP program.



Conservation Award Winner

The SWCD was pleased to present the 1998 **Conservation Award** to **Don and Annette Even**. The Even's farm is located approximately two miles west of Worthington in Section 1 of South Fork Twp. and Section 35 & 36 of North Fork Twp.

Don and Annette have installed over 27,000 feet of tile to improve drainage for the cropland. In 1976 they planted a farmstead windbreak. From 1987 to May of 1989 they installed over 7,000 feet of tile outlet terraces and three water and sediment control structures. They also farm about 50 acres on the contour along with grassed waterways, conservation tillage, and a crop rotation of corn, oats, and hay, on the more erodible portions of the farm.

Windbreak

Award Winner

Larry and Jan Wickman are the 1998 **Farmstead Windbreak Award** winners for Delaware County. The Wickman farm is located south of Masonville in Sec. 32 of Prairie Twp. Their three row windbreak was planted in 1982 with one row of arborvitae, a row of Black Hills Spruce and a third row of Colorado Blue Spruce. The windbreak is now 16 years old and provides habitat for song birds as well as protection from the wind and snow for their new house.





This tree and shrub planting of Kim and Karen Harbaugh family is located in Section 28 of Coffins Grove Twp. This planting provides habitat for wildlife, controls soil erosion, benefits water quality and beautifies the farmstead.

JANUARY DELAWARE SOIL & WATER CONSERVATION DISTRICT 1999

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
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31						



Order Blanks for trees
from the Delaware SWCD
are available thru
February 28, 1999

319-927-4250
200 S. 12th St., Manchester





A farmstead windbreak can provide year round protection for the buildings, the livestock, and wildlife. This windbreak for Larry and Jan Wickman in Section 32 of Adams Twp. was the 1998 Windbreak Award Winner. The Delaware SWCD staff can assist with windbreak planning.

KUHLMAN CONSTRUCTION

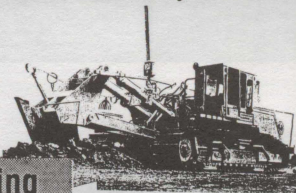
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FEBRUARY DELAWARE SOIL & WATER CONSERVATION DISTRICT 1999

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
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Delaware County Mutual Insurance Association

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Del-Clay Farm Equipment

Parts ★ Service ★ Sales ★ Rentals

6100 Series

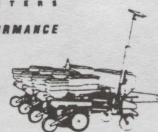
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flexibility to meet
most tillage.

Phone 928-6445



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Iowa



Gosling & Company, P.C.

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927-4810



Filter strips are located along streams to prevent soil sediments and nutrients from entering the stream. These filter strips may be enrolled into the continuous CRP program for a period of 10 to 15 years.

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Enhancement Services*



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- Windbreaks
- Shelterbelts
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- Timber Stand Improvements

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- Walls, Floors, Sidewalks, Driveways & Basements
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MARCH DELAWARE SOIL & WATER CONSERVATION DISTRICT 1999

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
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TSCHIGGFRIE

Crushed Stone Ag Lime

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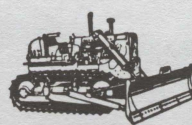
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WHITE-
NEW IDEA

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AGCO
ALLIS





Contour stripcropping is an important conservation practice in Delaware County. Soil erosion can be significantly reduced by planting alternating strips of hay and row crops on the contour.

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DANNY GLEW

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APRIL DELAWARE SOIL & WATER CONSERVATION DISTRICT 1999

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
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HOLY CROSS
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MANCHESTER
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ELKADER
245-2320



Schieltz Construction Inc.

Box 107 • Luxemburg, Iowa 52056
Phone 853-2715

Eastern Iowa Drainage

Manchester, Iowa 52057



John Foster - 927-4776

Office - 927-5210

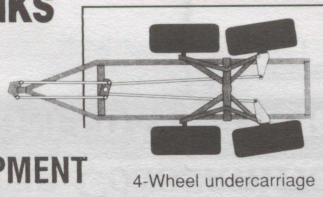


Water sampling and testing plays an important role in monitoring streams for water quality. Here students are helping in gathering samples to check the water quality of the stream.

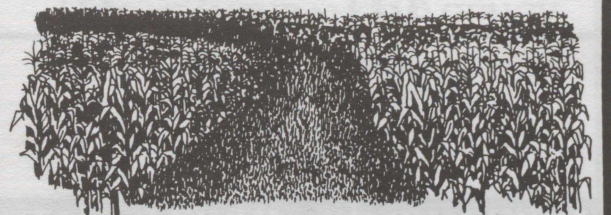


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GRASS WATERWAYS

2

9

16

23

9
SATURDAY



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1999 DELAWARE SOIL & WATER CONSERVATION DISTRICT TREE SALES PROGRAM

are helping



WAYS

MAY DELAWARE SOIL & WATER CONSERVATION DISTRICT **1999**

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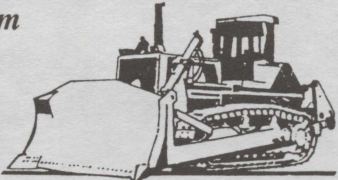
Hwy. 3 East, Edgewood, Iowa 52042
319-928-7224 • 1-800-928-7224



Grass waterways are areas permanently seeded to a grass cover to prevent gully erosion. They are located in low lying areas on a slope where water concentrates as it runs off a field.

JUNE DELAWARE SOIL & WATER CONSERVATION DISTRICT **1999**

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
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Rock rip rap placed along ditch banks helps to prevent stream bank erosion. Bank hides placed under the rock enhances the stream for fish habitat along with stabilizing the stream bank.

JULY DELAWARE SOIL & WATER CONSERVATION DISTRICT 1999

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
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 Wyoming • 488-2525
 Manchester • 927-4283
 Anamosa • 462-4631
 Edgewood • 928-7014
 Dyersville • 875-7145
 Holy Cross • 870-3825
 Central City • 438-6017
 Strawberry Point • 933-2321
 Guttenberg • 252-2240

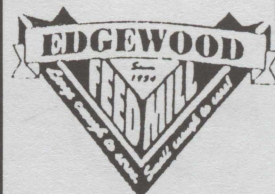


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Terraces are an effective way of reducing soil erosion and controlling runoff through an underground tile system. Cost share assistance is available through the Delaware County SWCD.

AUGUST DELAWARE SOIL & WATER CONSERVATION DISTRICT 1999

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
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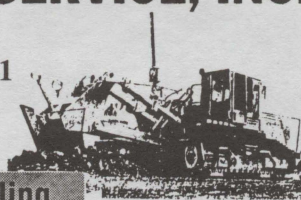
Pres.-Randy Helmrich

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A water and sediment control basin is a way to prevent and control gully erosion. The basin controls the runoff by trapping soil sediments and water. Then the basin releases the water slowly through an intake through a tile system.

Years



Ahead

TOM ROBINSON

PLANT:
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MOEWS SEED COMPANY

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(319) 435-2408

SEPTEMBER *DELAWARE SOIL & WATER CONSERVATION DISTRICT* 1999

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

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The county gravel road was improved and utilized as the dam for this grade stabilization structure in Spring Branch Creek Watershed. The pond traps the surface water runoff and releases it at a controlled rate to the Spring Branch Creek Trout Stream. The pond also provides habitat for fish and wildlife.

OCTOBER DELAWARE SOIL & WATER CONSERVATION DISTRICT 1999

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

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Contour buffer strips are strips of seeded perennial grasses on the contour used to slow runoff and trap sediments. They are alternated with wider cultivated strips farmed on the contour. These strips can be enrolled in CRP for ten years.

NOVEMBER DELAWARE SOIL & WATER CONSERVATION DISTRICT 1999

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

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Cost share funding for tree planting is available through the State REAP program, which is administered by the Delaware County SWCD. In this planting for Mike Bries, located in Section 12 of Honey Creek Twp., the rows were sprayed to control grass competition for the newly planted trees.

DECEMBER DELAWARE SOIL & WATER CONSERVATION DISTRICT 1999

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

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