

Y Camp begins June 20

Enrollment is open for the YWCA Summer Adventure program offered at Northwest Branch YWCA, 25940 Grand River, for 6-12-year-olds.

The licensed day care program will operate for a 10 week period from 7 a.m. to 4 p.m. starting June 20.

Two plans are available; the full week program which meets Monday-Friday may be reserved by the week or throughout the summer. The second plan meets three days a week, Monday, Wednesday and Friday for two week sessions throughout the summer.

The program in both plans includes cookouts, field trips, swimming, gym-

nastics, crafts, movies and reading enrichment. Children bring their own lunch and beverage and snacks may be purchased.

Children may come as early as 7 a.m. and stay as late as 6 p.m. for those parents who are working. Fees for the weekly sessions are \$45 (second child \$40) and \$37.50 for the three day a week plan.

A yearly YWCA membership of \$11 is required for registration.

Registration and inquiries are taken by calling the Y, 537-8500. The YWCA is a Torch Drive Agency.

Smith-Semperger

Mr. and Mrs. Winfield Smith of Warren announce the engagement of their daughter Rosalind to William R. Semperger, son of Mr. and Mrs. William R. Semperger Sr. of Farmington Hills.

The bride-to-be is a graduate of the University of Detroit and Wayne University's College of Pharmacy. She is employed as a pharmacist for K mart Corp.

Her fiancé received his bachelor's and master's degrees in science from the University of Detroit. He is currently a senior at Washington University School of Dental Medicine, St. Louis.

An August wedding is planned in St. Mark Church, Warren.



Paulette-Drushel

Deborah Jane Drushel and Jeffrey Allen Paulette were married by the Rev. Donald E. Neptstad in First Presbyterian Church of Buchanan, Mich. She is the daughter of Mr. and Mrs. Robert W. Drushel of Farmington Hills. The groom is the son of the late Helen Paulette.

The bride's gown was made of ivory point d'esprit and soft patterned lace, fashioned with a high neck, blouson bodice and full skirt.

The couple were attended by Jean Burns and Gary Paulette.

The bride is a graduate of Michigan State University and teaches in Buchanan Community Schools. The groom is a graduate of Ball State University in Indiana and earned his master's degree from Indiana University. He also teaches in the Buchanan Community Schools.

The couple received guests in Orchard Hills Country Club before leaving on a trip to the Virgin Islands. They will make their home in Buchanan.



Forecasting has its highs and lows

Continued from Page 1

When the difference between the two electrical fields become great enough a discharge occurs. Sometimes the flow of electricity can be as high as 200 million volts.

THE CHANNEL THAT the charge flows through is only about as wide as a pencil. Air surrounding the channel is heated very rapidly to approximately 30,000 degrees Centigrade (86,000 degrees Fahrenheit) — about five times hotter than the sun. This white-hot, glowing air is seen as the lightning flash.

The extremely hot air expands violently along the length of the channel producing a shock wave that is heard as thunder. Since the speed of light is much faster than the speed of sound the flash is seen before the thunder is heard.

RAIL IS ANOTHER damaging as-

pect of the thunderstorm. Most thunderstorms produce hail. In less severe storms it usually melts before reaching the ground. Hail is formed when rain becomes caught in the updrafts that take it thousands of feet in the air where it freezes.

A hailstone can make many trips up and down through the cloud growing in size each time. Large hail from a severe storm can be as big as a grapefruit and weigh as much as two pounds.

The icy surface of the hailstone makes an excellent reflector of radar waves. This is important because the size and amount of hail can tell meteorologists much about the severity of a storm.

"IT TAKES 50-60-mile-per-hour winds to hold a large hailstone up in the air," said Schaefer. "It also tells us that there is a whole lot of liquid water up there for the hailstone to grow on. Most tornadic storms (thunderstorms that

are capable of producing tornadoes) have hail associated with them."

Large hail reaching the ground could be a sign that a tornado is imminent.

"If you're sitting in an area of heavy hail you would definitely want to be on the alert," said Schaefer.

Tornadoes are the most violent storms on Earth. Wind velocities inside the rotating funnel can reach 400 miles per hour as the twister sweeps across the ground at speeds up to 60 miles per hour.

ABOUT ONE TENTH of 1 percent of thunderstorms produce tornadoes.

"Conditions have to be just about perfect to get tornadic activity," said Schaefer.

The area of tornadic formation in a thunderstorm is usually associated with the strongest updrafts and downdrafts within the storm.

"When we have a very strong updraft and downdraft right next to each other we have the best ingredients for

tornado genesis," explains Schaefer. "It is right in that region that tornadoes tend to form."

Besides heavy hail the formation of a wall cloud is another danger sign to watch for during a storm.

A wall cloud forms in the region of the strongest updraft. It can be recognized as a very solid looking piece of cloud that drops low over the ground from the base of the main cloud.

"That signals that it is really about to get it's act together," said Schaefer, referring to the development of the tornado.

The wall cloud usually forms near the western or trailing edge of the storm.

"If you see one of those (wall cloud) you have got a vicious storm," said Schaefer. "If a tornado is going to come, typically that is where it will form; right under that hunk hanging down."

Rodewig — Nigbor

Mr. and Mrs. John Rodewig, former residents of Farmington Hills and now maintaining residences in London, England, and Chagrin Falls, Ohio, announce the engagement of their daughter Margaret Mathison Rodewig to John Coleman Nigbor, son of Mr. and Mrs.

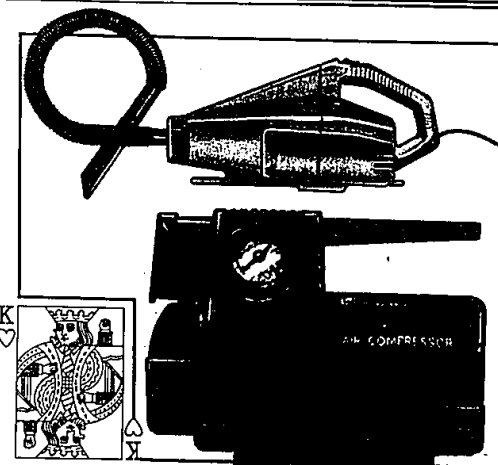
Richard B. Nigbor of Chagrin Falls. The bride is a graduate of University of Denver and Institute for Paralegal Training in Philadelphia. Her fiancé is a graduate of the University of Arizona.

A spring wedding is planned.

ART IN THE SQUARE

FRIDAY & SATURDAY
JUNE 17 & 18
10 A.M. to 6 P.M.

APPLGATE SQUARE, Northwestern Hwy.
Between 12 & 13 Miles, Southfield
FINE ARTS EXHIBIT & SALE



For Your
King of Hearts

PORTABLES FOR THE HANDYMAN IN HIM

Convenient 12V electric that operate from his car cigarette lighter. Super High Power Car-Vac by Sanyo Includes 15' cord, suction nozzle for seats and floors, one for crevices, extension hose for under seats, and blower attachment to inflate air mattresses or rubber rafts, \$28.

Portable air compressor inflates all tires and recreational items. Features a built-in 200 PSI air pressure gauge, emergency spotlight or warning flasher, 10' cord, 2 1/2" air hose, nozzle adaptor for inflatables, needle and adaptor for athletic balls and beach toys, \$35.



Jacobson's
BIRMINGHAM

Open a Jacobson's charge - there is no annual fee.

Open Thursdays and Fridays until 9:00 p.m.
We will validate your parking ticket.

"Just Marylins"

SPORTSWEAR BOUTIQUE

Remodeling Sale

UP TO **75% OFF** ENTIRE SUMMER INVENTORY

Round-The-Clock Hose - 20% OFF
CONTRY VILLAGE MALL
TWELVE MILE AT EVERGREEN
SOUTHFIELD
OPEN 10:00-4:30
356-0493

Lincoln Center...
a great place to shop

Apex Drug Store
Barton's Candy and Gifts
Baskin-Robbins 31 Flavors
Bread Basket Deli
Cratham Super Market
Checker Bar-B-Que
Coats Unlimited
Detroit Edison Customer Office
Edman Chiropractic Life Center
Elkin Travel
Fotomat
King Lim's Gardens
Lincoln Barber Shop
Lincoln Kosher Meat and Poultry
Magic Touch Beauty Salon
Metropolitan Optical
Michigan Bell Phone Store
Modern Bakery
One Hour Martinizing
Radio Shack
Richard's Boys' and Girls' Wear
Sandy Friedman Photography
Sibley's Shoes
By Draft Office Supplies
The Book Best
The Print House
Winkelman's

Lincoln Center
10% at Greenfield
Oak Park

THE FASHION GUILD SAYS

"IT'S NOT JUST ANOTHER SALE"

BECAUSE NOTHING IS OVER

\$19.99

OUR ENTIRE INVENTORY
50%-90% OFF RETAIL

THREE SPECIAL DAYS YOU WON'T WANT TO MISS

FRIDAY... JUNE 17
From 11:00 a.m. to 6:00 p.m.
FIRST COME - FIRST SERVED - THE BEST SELECTION
(AND NOTHING OVER \$19.99)

SATURDAY... JUNE 18
From 11:00 a.m. to 6:00 p.m.
GAMBLERS DAY... ROLL THE DICE...
AND RECIEVE THAT PERCENTAGE OFF YOUR PURCHASE.
THIS COULD MEAN ADDITIONAL SAVINGS OF UP TO 12% OFF OUR ALREADY REDUCED PRICES!!!

SUNDAY... JUNE 19
From 11:00 a.m. to 6:00 p.m.
.... SUPER SECRET BONUS SUNDAY
IT'S SO SECRET WE CAN'T EVEN TELL MOM !! BUT YOU WON'T WANT TO MISS IT.

A Happening At The
SOUTHFIELD CIVIC CENTER
FRIDAY ... SATURDAY ... SUNDAY
THREE DAYS THAT COULD CHANGE YOUR LIFE
...or at least your Wardrobe
BE THERE OR YOU'LL BE SORRY!!