HUT!

MINNESOTA CANOE ASSOCIATION INC.

1981

APRIL

Newsletter of the Minnesota Canoe Association Inc.

Calendar of Events

MARCH

27-31 — Des Moines River
This is a 150-mile trip—a great workout for the racers. Call Good Ole Nels at 781-4009 or 222-7439.

31 Tuesday — Film Showing - Across the Continent
7,000-mile voyage by Clint Waddell Verlen Kruger. Clint Waddell will be present to answer any questions.
Powderhorn Community Center
East 34th St. & 15th Avenue South
Minneapolis

?? Weekend — Pot Luck Dinner and/or Cruise
Verlen Kruger and Steve Landick (Ultimate Canoe Challenge) will be in the Minneapolis area some time the early part of April. See President's Message for more information.

POSTPONED TO MAY 2 & 3

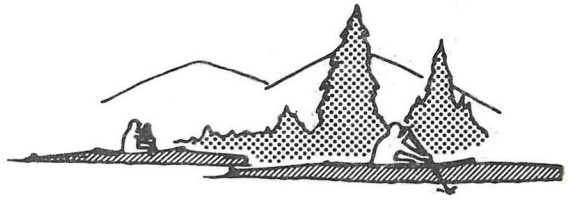
APRIL

1 Wednesday — **Water Safety**
MCA Monthly Program
Longfellow Community Center
East 35th St. & 36th Avenue South
Minneapolis
7:00 p.m. **See article and map**

2 Thursday — Meeting of St. Cloud Chapter
Ray Masterson from the Minnesota Department of Natural Resources will present a slide show.
Great Regional Library
405 West St. Germain
St. Cloud, MN
7:00 p.m.

7 Tuesday — Survival Course through the Science Museum of Minnesota Wilderness Institute. Course by Tim Kneeland with additional workshops on the 14th and 21st, and a field trip on the 25th-26th.
Call Julie Betz at 221-9439
7:00 - 10:00 p.m.

7 Tuesday — Outdoor (Living) Survival Course
Designed to enhance enjoyment of the outdoors, and teach management of the human body and development of priorities for the necessities of life.
10 weeks, $34.
7:00-10:00 p.m.
K. Curren Center
1600 W. Excelsior Avenue
Hopkins, MN 55343
Or call (612) 935-7217



THE ULTIMATE CANOE CHALLENGE *RENDEZVOUS*

When: **May 2nd & 3rd**

Where: **TO BE ANNOUNCED**

IN HONOR OF **Verlen Kruger and Steve Landick**

* Cruise the Mississippi River with Verlen and Steve
* Two days full of camping, fun, entertainment and competitive games
* Various prizes will be awarded during the two days of events
* Movies of ongoing Ultimate Canoe Challenge and 7,000-mile Across the Continent voyages
* Outdoor displays and canoe demonstrations
* Sign up now! Call Roy Johnston at 542-9070.

* * *

Verlen Kruger and Steve Landick are in the process of completing a 28,000-mile journey throughout the United States and Arctic areas. They are now traveling up the Mississippi and are in the Cairo, Illinois area. All canoeists are invited to come to this rendezvous in honor of Verlen and Steve and join in the festivities that will take place.

8 Wednesday — Program on kayaking in Alaska and on Canada's Fraser and McKenzie Rivers.
Slide show and lecture by Chuck Benda.
Midwest Mountaineering

Cont.

CALENDAR OF EVENTS (cont.)

8
Wednesday

Monthly Directors' Meeting
VanCleve Community Center
15th Avenue SE & Rollins Avenue SE
Minneapolis
7:00 p.m.
Members welcome

10-12
Weekend

White or Brule River Cruise
This trip will cover about 15 miles on each river, Class 2 rapids mostly. We will camp Friday and Saturday night near Mason, Wisconsin on the White River; wetsuits required. Call Michael VandeVyder at 922-7633, or rendezvous at 2608 West 60th Street, Minneapolis, at 6:00 Friday night.

15
Wednesday

Map and Compass Reading
Course will teach use of different types of compasses, reading special purpose maps, pinpointing locations, determining headings, and traveling safely and accurately. 3 weeks, $15.
7:00-10:00 p.m.
K. Curren Center
1600 W. Excelsior Avenue
Hopkins, MN 55343
Or call (612) 935-7217

16
Thursday

Meeting of all Racers at Betty Ketter's place to learn the completed plans of the 1981 season.
101 - 79th Avenue North
Minneapolis

18
Saturday

Minnehaha Creek Cruise
This is a great beginner's or intern trip close to the Twin Cities. Call Jim Robinson (588-5402) before going; water level may affect this creek.

25
Saturday

Rice Creek Cruise
This will be Ken's 11th year leading this trip. This can be a swift moving creek, depending on water levels. Call Ken Esperson at 645-8463 before going.

24-26
Weekend

Upper Snake and Kettle River Cruise
This will be an intermediate to expert class run, Class 2-3 rapids. We will camp on the Snake River Friday night. Wetsuits are still required. Call Mike VandeVyver, or rendezvous at 2608 West 60th Street, Minneapolis, at 6:00 Friday night.

26
Sunday

Milwaukee River Race (USCA)
Contact: Grafton Jaycees
P.O Box 52
Grafton, WI 53024
Phone: (414) 377-1650

MAY

2
Saturday

Lower Snake Cruise
This is for those that would like to get involved with some rapids, and is an excellent place to train or work out your manouvers. Call Cliff Jackson at 437-7497.

2-3
Weekend

Ultimate Canoe Challenge Rendezvous

3
Sunday

Watertown Lions Club Canoe Race
(Cash & Trophies)
Contact: Watertown Lions Club
P.O. Box 791
Watertown, MN 55388
Phone: (612) 955-1633

4
Monday

Wilderness Self Reliance through the Science Museum of Minnesota Wilderness Institute. Additional minimum impact workshops (by Tim Kneeland) on the 6th, 11th and 13th, with a field trip on the 16th-17th. Call Julie Betz at 221-9439.
7:00 - 10:00 p.m.

5
Tuesday



BWCAW Minimum Impact Canoeing
MCA Monthly Program.
American Legion Post No. 320
10 - 12th Avenue South
Hopkins, MN
7:00 p.m.

8-10
Weekend

Peshtigo and Pike River Cruise
This is for the intermediate looking for a challenge not to be forgotten. This will be a Class 3-4 river run, lots of fun. Call Mike VandeVyver at 922-7633.

13
Wednesday

Monthly Directors' Meeting
Time and place to be announced

15-17
Weekend

Trout fishing expedition near the Savanna Portage State Park; for information, contact Mike Zapf.

17
Sunday

Jensen Handicap Race
Contact: Chris Berne
5057 Ewing Avenue South
Minneapolis, MN
Phone: (612) 929-5714

17
Sunday

Blue Earth Canoe Race
Contact: Scott Ankeny
811 South Galbraith
Blue Earth, MN 56013
Phone: (507) 526-5740

19
Tuesday

Wilderness Navigation through the Science Museum of Minnesota Wilderness Institute. Course by Tim Kneeland with additional workshop on the 26th and a field trip on the 30th. Call Julie Betz at 221-9439.
7:00 - 10:00 p.m.

24
Sunday

Des Plaines Canoe Derby
Contact: Ralph Frese
4019 N. Narrangansett Ave.
Chicago, IL 60634

24
Sunday

Sauk River Cruise
This is a Class 1-2 whitewater trip; for information, call Dale Schleppendach at 1-685-3337, St. Cloud.

Specials

Bob Brown works weekends, but would like to do some weekday paddling. If interested, call Bob at 432-7557.

Bob O'Hara is looking for paddlers who would like to cover a lot of territory on weekends. If interested, call him at 545-0748.

APRIL MCA PROGRAM
WATER SAFETY

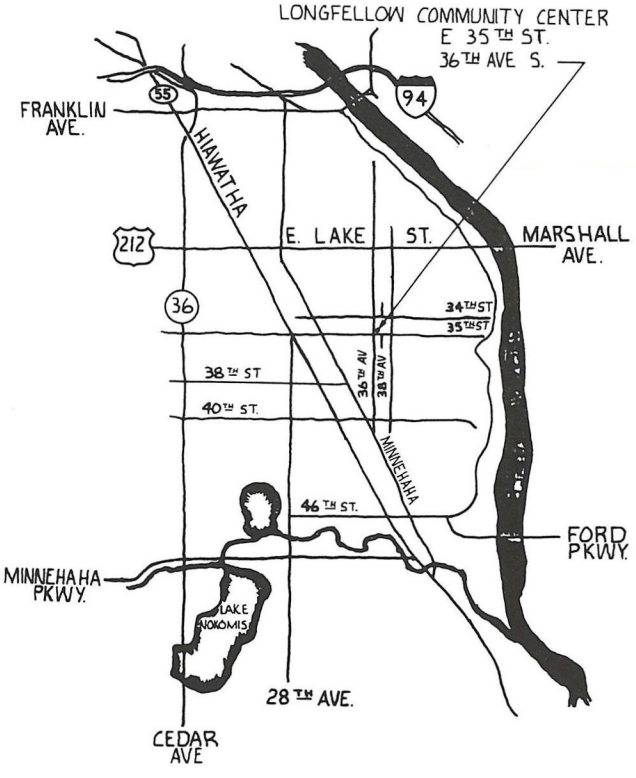
Here is a chance to view slides that show the behavior of personal flotation devices (PFD) from underwater as well as in the water. There will be many different types shown, but just how good are some of them? Various pieces of equipment will be on display.

Part of the presentation will cover safety tips, such as emptying one canoe with another one while out in the middle of a lake.

The use and fit of wetsuits for canoeing will be covered, along with the latest on hypothermia. All of this is designed to help prepare you for some early spring fun on the water in addition to safer paddling the rest of the season. (Maybe you'll even extend your season a little!)

The program is at the Longfellow Community Center, East 35th Street and 36th Avenue South in Minneapolis, starting at 7:00 p.m.

Venice Barness will be our program manager.



HUT! STAFF

Editor. . . . . Sharon Gilman
Publications. . . . . Mike Gilman
Chief Typist. . . . . Kathy Cegla
Stat Camera . . . . . Christopher Stroth
Map Maker . . . . . Lonnie Helgeson
Calligraphy . . . . . Mary Sodergren
Acting as Artist. . . . . Mike Gilman

MCA WHITEWATER COURSE

Ian Richards, Dave Schmidt of the Cascaders, and John Wexler, along with several other experienced whitewater paddlers, will be conducting an open-canoe whitewater course some time between mid-May and mid-June.

Those people who are interested in the course should supply their own canoe, paddles and personal flotation device (PFD). If you do not own a canoe, come anyway, as we may be able to match you up with another person who has a canoe but needs a partner.

Normally the first class is held on the Mississippi River, the second class on the St. Croix River at Taylors Falls, and the final class on the Kettle River at Banning State Park.

Since we do not have the final dates and times confirmed yet, please contact John Wexler at 722-7069 or Scott Sharkey at 929-5393 and watch for further details in the May issue of HUT!.

No experience is necessary, but current MCA membership will be required and available at the class.

DNR WILL MAINTAIN STATE CAMP SITES IN BWCAW

IMMEDIATE RELEASE

Camp sites and recreational trails on state-owned land within the Boundary Waters Canoe Area Wilderness will be maintained this summer by DNR forestry crews, the Department of Natural Resources announced this week.

In past years, the DNR paid the U.S. Forest Service to maintain the sites on state land while the U.S.F.S. maintained recreational sites on federally administered lands.

However, said officials, due to the state's current budget deficit, the DNR will not be able to compensate the U.S.F.S. for maintaining state sites during the remainder of the fiscal year.

Commissioner of Natural Resources Joseph Alexander said maintenance of the sites by state crews means they will be available for public use as usual, and there will be no need for the U.S. Forest Service to reduce the number of entrance permits they normally issue to BWCAW users.

He said the DNR will maintain the sites at least through the end of the current fiscal year on June 30 and that, hopefully, the Legislature will provide the funding needed to carry out the task during the next two years.

EFFICIENT CANOEING

by John Wexler

Efficient canoeing will be taught to beginning canoeists May 6 through May 9. Turning and steering techniques will be demonstrated, along with methods that will show you how to get more out of your stroke than your expert or intermediate friends are getting with the same amount of effort. For very individual and complete instruction, call Karl, 636-8116. For those of you taking the MCA whitewater course, this would be a good warmer-upper.

FROM THE BOW

by MCA President, John Wexler

There appears to be lots of sentiment for a whitewater canoe club to be organized that would be oriented mainly toward cruising rivers for fun on weekends. I have talked to Mike VandeVyver, Dick Sears and a number of other people about starting such a club. Possibly the participants in the upcoming whitewater class would be interested in forming the nucleus of that club.

Many congratulations to our HUT staff for their long hours and dedication to getting HUT out on time. Also, it's great to see the new ad from Midwest Mountaineering. Please remember, we need your contributions, even if it is a 1-sentence contribution; send it in or call it in to the HUT news staff.

As you can see, we have lots of events and cruises coming up this spring and summer. Look at the calendar, plan ahead and call the trip or event leader. These leaders are oftentimes volunteering for little or no money. Please help them plan for you.

The merchants of St. Anthony Main have expressed an interest in having the Minnesota Canoe Association participate in their August 2, 1981 grand opening of the new shopping area near Third Avenue and Main Street in southeast Minneapolis. If anyone is interested in organizing such an event, contact either Roy Johnston, the MCA program director, or me regarding this program.

Clint and Bev Waddell and Jim Daly were guests at the last MCA board meeting held at Chris Berne's home. Chris served his famous Grandpa John's chili after the meeting. Karl Ketter even came, saying that he wouldn't miss Chris' famous chili (or a good MCA board meeting). Attendance was up, with 17 people present. Could this be due to the amount of new business up for discussion, or was it the chili?!

After talking to the various members of the board, I find that we still need help in numerous areas. In need are artists, writers, people to do some telephoning and someone to take over as cruise director. If you would like to volunteer some time or help in other areas, just call any of your MCA representatives.

☆☆☆

WELCOME NEW MEMBERS

Thomas Anderson	Duluth
Charles Barcus	St. Paul
Ron Cleveland	Maple Grove
Lynn DeLapp	Plymouth
Paul Garding	Litchfield
Robert Kress	Hillsboro, North Dakota
Richard Leach	St. Cloud
David Logeais	Minneapolis
Hugh McMillan III	Salisbury, Connecticut
Mark Morell	Farmington
James Murphy	Minneapolis
Michael Murphy	Brooklyn Center
John Lawson	Minneapolis
Martin Szekeresh	White Bear Lake
Bill Vaubel	Spokane, Washington
Clinton Waddell	Minneapolis
Gary Weisbrod	Lakeland

THE KASOTA PRAIRIE

by Mike Gilman

From the small town of Kasota, Minnesota along the Minnesota River (just above Mankato) came the incorporation of a group of people called Save the Kasota Prairie, Inc. (SKP) who are filing an appeal of the Environmental Quality Board's decision not to require an environmental impact statement.

It seems that Unimin, a mining operation for silica sand, has plans to build a plant and operate a mine near the town and adjacent to the Minnesota River. This operation is similar to the one in Jordan, Minnesota. The plant is scheduled to run day and night, and the town's people would have to endure the noise, lights and commotion of the mine for more than 20 years.

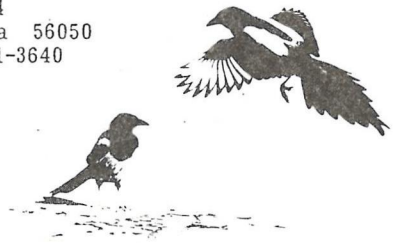
Yet another concern is the preservation of the Kasota Prairie, of which all but a tiny fraction would be devastated if the project is built as it is now proposed.

SKP has talked with Unimin officials in the hope that some of the major problems (such as saving more of the western prairie, not operating the plant and mine at night, monitoring and controlling the blasting, dust, wells, lights and traffic) could be solved. Unimin refused to make any concessions on the major issues.

The mining operation is a 60- to 70-foot deep strip mine that would pump about a million gallons of water a day to use in a slurry (separating the silica sand from the crushed limestone), which is then pumped to a holding pond. From there, it goes to a "clearwater pond" and into the river.

For any additional information on this subject, contact:

Save the Kasota Prairie, Inc.
Route 1, Box 144
Kasota, Minnesota 56050
Phone: (507) 931-3640



MINIMUM IMPACT SELF-SUFFICIENCY



by Tim Kneeland

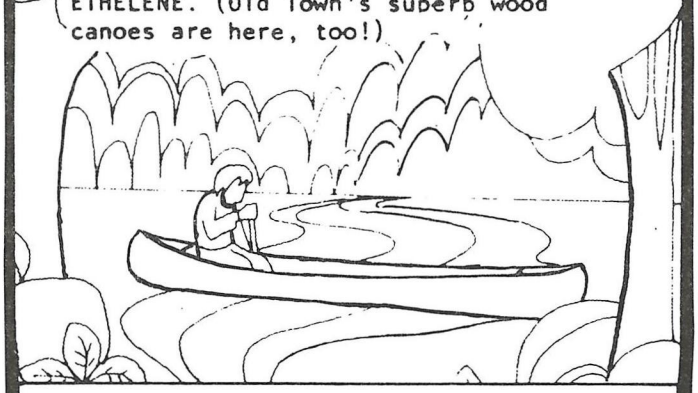
The monthly MCA program for May will focus on a long overdue environmental ethics and preservation program. It deals with how to live compatibly with nature while keeping our impact on the land and other wilderness uses to a minimum. Some topics to be addressed will include: selecting areas appropriate for the experience desired; choice and color of clothing and equipment; minimum impact travel and camping; dealing with all types of wastes; and how to blend into the environment to lessen our impact on all the wildlands still open to the wilderness trekker.

This program will be held on May 5 at American Legion Post 320, 10 - 12th Avenue South, Hopkins, Minnesota 55343.

The program managers for this meeting will be Sharon and Mike Gilman.

SOMETHING NEW FROM *Old Town*

See the 1981 selection of the world's finest canoes. Ask for demonstrations of Old Town's great canoe hull materials: new, rugged, "self-healing" OLTONAR multilaminate, lightweight and strong KEVLAR, and the new ROTOMOLDED POLY-ETHELENE. (Old Town's superb wood canoes are here, too!)



1981 Boats at 1980 Prices
Phoenix and Old Town Kayaks Too!

ASK US, WE'VE BEEN THERE

midwest mountaineering

- Expert Advice
- Tents
- Packs
- Boots
- Sleeping Bags
- Kayaks
- Canoes
- XC Skis
- Climbing gear
- Men's and Women's outdoor clothing

309 Cedar, U of M West Bank
Free parking behind Caesar's Bar

339-3433
M-F 10-9, Sat. 10-6

ICE CANOEING DOWN THE KINNICKINNIC

by Greg DuBois , River Falls, Wisconsin

It was Saturday, January 17, when the call came. Doug Dusek was on the line, and he asked me if I wanted to canoe down the Kinnickinnic River. Without hesitating, I said, "For sure," and started to get ready.

I had never paddled the "Kinni" before, and going down in mid-January was a challenge I could not refuse.

We put in at the lower dam in River Falls, Wisconsin. There were five of us all together. Doug and I were together in one canoe. Scott Watson, Gordy Waddington and Tom Odea were in the other canoe. They took turns sitting in the middle of the canoe. All of us are UW-River Falls students except for Tom, who graduated last year.

Doug and I were rookies in ice paddling. The other three had made this run last winter.

When we departed, it was a beautiful January day. The temperature was near 40 degrees, and the sun was shining down from blue skies. The river look free of ice, for now.

The Kinni has many small rapids on it, none of which are too treacherous. However, in several places there are rapids with sharp turns that can be tricky. I would imagine they would not be very much trouble in the summer, but in the winter, the ice narrows the channel and you have to bounce against the ice to make the corner. This is what can tip you over!

Doug and I maintained pretty good control on the river. However, our partners in the other canoe sometimes had a tendency to go down the river with their canoe at strange angles.

Although we had them beat on the river, when it came to ice paddling, they were way ahead of us. When we came to the first spot where ice cover the Kinnickinnic, Doug and I slowed down to see what the procedure was for encountering ice. As I looked back, I saw Scott in the bow of the other canoe. His eyes were glazed and he let out a strange cry and started paddling as fast as he could straight for the ice. When they hit, they started crushing the ice beneath them, and Doug and I quickly followed suit, trying to race them across the ice.

Soon, however, we were bogged down. Then they started kicking at the ice, trying to break it up. Eventually we slid ahead of them and were actually on top of the ice. Using our canoe as a skate board, we had one foot in the canoe and the other foot pushing against the ice, moving us along. They had jumped out of their canoe and were running on the ice with their hands on the gunnels, sliding the canoe over the ice.

I could not believe what I was seeing. Right then I realized what it takes to do some ice paddling. You have to be crazy. That's all there is to it. You just have to go for it. You have to want it bad!

Doug was already out of the canoe. I quickly jumped out and we started running down the ice. When we came to the edge of the ice, Doug jumped in and I kept running until I was near the edge, then I jumped in and we slid into the water. Victory screams emanated from both canoes, and we paddled on.

Occasionally a song would be sung, then the cry of "ramming speed" would be heard and strong strokes would take us up onto some more ice and again we would jump out, run down the ice and hop back in near the edge, sliding into the river. So this is what Coleman canoes are good for!

As exciting as this was, there were also times of quiet and beauty. Coming around one corner, we could see walls of ice about 20 feet high protruding from the valley walls, flowing down into the Kinnickinnic. They formed long, massive structures with alternating colors of blue, green and brown.

Along another stretch, a hawk glided on the wind and left us in awe of its beauty and gracefulness.

Then we saw whitetail deer skipping up a ravine, and later saw them dancing along the top of a ridge with the sun behind them, making them shadows among the barren trees.

When we reached our destination, the sun was setting. We had made it through, fairly dry, warm, tired and happy. We were happy to be done, but were already talking about the next time. And I look forward to the next time I receive a call and someone asks me if I want to go ice canoeing down the Kinnickinnic River.

ST. CLOUD NEWS

by Don Stephany, St. Cloud Chapter

Our February 18 meeting was held at the Great River Regional Library in St. Cloud. It was an organizational meeting with the election of officers as prime activity.

The new slate for 1981 consists of Mike Zapf, president; Jim Bower, vice president; Don Stephany, secretary; Pat Christenson, program chairman; Don Henkemeyer, cruise chairman; Al Johnson, whitewater chairman; and Chuck Greene, membership chairman.

Additional discussions were called for on our next two months' activities that are on record with HUT, and we plan on an enjoyable and varied season under the guidance of our able leader, Mike.

Ray Masterson, from the Department of Natural Resources, will be presenting a program at the Great River Regional Library on April 2, 1981.

Mike Zapf has also contacted Betty Ketter, Karl Ketter and some of the racers about presenting a canoe and paddling clinic in May. It's going to be a busy month, what with Mother's Day and the opening of the fishing season.



PASSING TIME UNTIL ICEOUT

by Mike Gilman

Rocks can have a different meaning if they aren't in the water right in front of your bow. So it was the first part of March when Mike and Joyce VandeVyver accompanied Chris Stroth, my wife, Sharon, and me to the rocks at Taylors Falls. It was early enough in the day so that the park wasn't crowded. We set up the rope in an area that allowed us a few options on climbing, then proceeded to scale the walls with or without any noticeable technique. I keep kidding Mike that he might need to know this rope handling in case they have to come out of some remote valley because of unrunnable river levels while somewhere in South America. He's still able to laugh about it.

It doesn't take long when climbing to notice that things look much different from a bird's eye view rather than from the ground. Chris could scramble up pretty quickly after a hint or two about a handhold or foothold; Mike was much more cautious.

After a picnic and a bit more climbing, we hiked around on the Wisconsin side of Interstate Park before driving up to look over the Wild Mountain ski area. It was still in business with a fair number of people skiing, but I'm sure they had plans for a wetter winter than we've had so far.

We kept a close eye on the river and noticed that it appears to be open pretty much from Taylors Falls all the way to Stillwater. The whitewater people (and Ray Masterson of the DNR) say that we should all plan our trips on the smaller rivers much earlier this year to ensure good, runnable water levels. Looks like it's time to get the canoe out of storage and make plans for the upcoming cruises. See you paddling soon.

BENEFIT CRUISE —
Looking For A Cruise Leader

The MCA is working with the American Lung Association to organize a benefit cruise down the St. Croix River on June 20 and 21. The cruise will start at Taylors Falls (Interstate State Park) and proceed to William O'Brien State Park for an overnight campout, and then to Stillwater on Sunday.

A few people are needed to head up this cruise, and plenty of assistance will be available from the American Lung Association. The proceeds will be used for environmental quality control programs. There will be pre-sessions available for those who would like to know how to go about getting pledges for this cruise. Contact the cruise director if you're interested.

PARKS COST

by John Wexler

The State Legislature is currently considering a bill that would double the current $5 per year user fee assessed each automobile entering the state park system. I question whether this increase is warranted. In recent years, the Minnesota Department of Natural Resources (DNR) has put tons of money into constructing parks that require immense capital investment. Luxurious roadways are constructed throughout the park area, crisscrossing swamps, beautiful valleys and hills; in general, park lands that could be otherwise used as grassy knolls and things that our Minnesota parks ought to be used for.

Other capital investments that I am talking about are electrical and water hookups that are very expensive. These amenities are great, but they do very little to preserve the parks for people, cutters and plants. Instead, we are building parks for the automobiles.

I don't mind paying a user fee of $10, but the DNR should construct one parking lot at the entrance to the park, and that should be their total and only commitment to the automobile.

Parks such as Floodwood State Park near Gooseberry State Park would cost a fraction of the money spent to construct it; Wild River State Park north of Taylors Falls would have cost a fraction of the money used to construct that park.

But where can the camper who needs electrical connections, water hookups, etc. go to? Why not the local, free market, private entrepeneurs' campground? Most campground owners I have met are quite accommodating.

If the DNR still has money left over during these years of economic austerity, how about putting more money into unimproved access to rivers in areas that are simply cleared of trees and brush where canoeists can leave their cars in a relatively open, safe space?

COMING NEXT ISSUE

2 KAYAKERS MISSING
LOST ON SOUTH FORK, CROW RIVER

South American Expedition

by Mike VandeVyver

Those people planning to join the MCA South American Expedition should apply for passports no later than May 30, 1981.

Money will be exchanged in Peru, and you should apply for an American Express card no later than May 30.

Expedition members must have a money belt or a neck-worn pouch made. This could be worn under your shirt and should be wide enough for passports, etc. The currency exchange rate as of January 5 is 360 sols to one dollar.

There will be a set fee of $10 to be used for information of maps, etc., to be sent no later than April 7. There will be a group supply cost of $30 for group needed items (medical kits, etc.)

Each person will be responsible to come up with his fair share of personal camping gear.

* * *

Our plan is to drive to Chicago, Illinois on July 28 or 29 to meet with other members. We will then drive to Miami, Florida on July 30 or 31, 1981, and fly out of Miami to Lima, Peru. We will then rent a truck and drive over the mountains 300 miles down to Tingo Maria on the Huallaga River, and kayak or canoe down to Yurimaguas, Peru, 380 miles. We will return to Lima, Peru from Yurimaguas, about 700 miles, and fly back to Miami, Florida. We plan to return home about the 24th of August, 1981.

TOTAL COST EXPENSE PER PERSON

1.	Round trip to Florida	$170/person
2.	Round trip to Peru	525/person
3.	Boat cost (somewhat refundable when resold)	500/person
4.	Group supply cost, for medical kits (refundable leftover toward gas to Florida)	30/person
5.	Information cost for maps, etc. (refundable leftover toward gas to Florida)	10/person
6.	Cost to drive 300 to 600 miles in Peru	100/person
7.	Spending money for food, etc., in Peru	200/person
	TOTAL COST	$1,535/person

NOTE: Prices are subject to slight change.

☆☆☆☆☆☆

Deadline for signup is April 7, 1981. Contact Mike Vande Vyver at 922-7633 for further information regarding all aspects of this expedition.

FEBRUARY BOAT BUILDERS PROGRAM

by Ken Esperson

On Wednesday, February 4, I went to the Brooklyn Center Civic Center hoping to pick up some new tips on the building of a woodstrip canoe. I am in the process of building my third Guide model, and am always looking for innovative ideas on building. I took my 11-year-old son, Steve, with me to this program, and he also liked the slides and talk that Mike Zapf gave. Mike is, of course, the president of the St. Cloud chapter of the MCA.

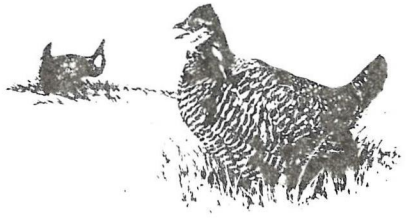
I have seen some of the past winners of MCA boat building contests at O'Brien State Park, and Mike's canoes stand among the best I've seen. His slides of the construction procedures he uses were very good and held the interest of all. The thing I have to point out, though, was his down-to-earth (down to gunnel) talk and honest approach to presenting this material. This made it much easier for everyone to relate to the problems that come up. Mike believes the best part of building is "show and tell" and pointed out how all of us who have built canoes can relate to the feeling of trying to get a look at that first canoe by turning your head upside down when its on the forms.

Mike had on display an edge bent Guide model with inlaid strips, 57 lb., $165, 17-foot canoe, one of 13 he has built. He did tell us how he made these "strips" from 750 hand-cut pieces. I hope he will repeat this in a letter to HUT.

He told us how he uses a shellac on stripped canoes before "glassing" to eliminate cloudy spots. He emphasized how you take pains with the inside because you can sand the outside easier. He told how he routs a groove in the outside gunnel for anchoring screws, then covers it with another strip. He pointed out how the "spacers" on the gunnels do more than provide a way to dump the water or tie the packs. They provide structural strength to the gunnels that isn't there without them. He explained the use of spreaders before "decking" or "seating", and that resin would not stick to varnish. He showed how he uses flattened copper tubing on the ends of the canoe for a "bumper". He makes his own paddles. He had slides of "Hafeman" in Big Fork, Minnesota building his famous birch bark canoes. He had an example of a folding type "two canoe" cartop carrier. This was of interest to those of us who have met ends with the wide carriers when hauling only one canoe.

If you couldn't make it to this program, you missed a very informative night, one I'm glad I didn't miss. If Mike is ever scheduled again, take this 10-year member's advice and don't miss it. I did ask Mike what the best thing he gets from building is; he said "relaxation". I agree. It's a hand-built, lifetime usable thing of beauty.

Many thanks to Lee Hunt for arranging this program.



Mississippi Mud

NEWSLETTER OF THE LONG DISTANCE CANOE RACERS

LONG DISTANCE RACE CALENDAR

by Warren Thunstrom

Here is the 1981 edition of the Long Distance Race Calendar. It includes races contributed by many people throughout the area. I thank each and every one of you. If some races are not listed, it is because I was unable to confirm them with someone in the area. If anyone can confirm additional races, they will certainly be added to updated versions of this calendar. The races listed here are of a wide variety, from pro championships to local celebrations—hopefully, a little something for everyone. I urge all you canoeists to participate in one or more races and help to contribute to successful races and a successful season.

Those races marked with "*" are races contributing points for the Minnesota point system, and will be used in awarding our annual silver bowl trophies at the end of the season.

Again, my thanks to everyone who has helped—and there were many.

RACE CALENDAR

April 26
Milwaukee River (USCA)
Contact: Grafton Jaycees
P.O. Box 52
Grafton, WI 53024
Phone: (414) 377-1650

May 3
Watertown Lions Club Canoe Race
(Cash & Trophies)
Contact: Watertown Lions Club
P.O. Box 791
Watertown, MN 55388
Phone: (612) 955-1633

May 17
Jensen Handicap
Contact: Chris Berne
5057 Ewing Avenue South
Minneapolis, MN
Phone: (612) 929-5714

May 17
Blue Earth Canoe Race
Contact: Scott Ankeny
811 South Galbraith
Blue Earth, MN 56013
Phone: (507) 526-5740

May 24
Des Plaines Canoe Derby
Contact: Ralph Frese
4019 North Narrangansett Avenue
Chicago, IL 60634

June 6
*Princeton, MN (40 points; money undetermined)
Contact: Karl Ketter
1957 Lake
Roseville, MN 55113
Phone (612) 636-8116

June 7
*Straight River Days (30 points; $500)
Contact: Larry Kriesel
P.O. Box 118
Owatonna, MN 55060
Phone (507) 451-0591

June 10
War Canoe Race
MCA Meeting - Race for Fun
Contact: Chris Berne
5057 Ewing Avenue South
Minneapolis, MN
Phone: (612) 929-5714

June 13
Zumbro River Explorer Race
Contact: Mrs. Bill Laqua
P.O. Box 273
Lake City, MN

June 14
*Little Falls River Race (30 points; $500)
Contact: Jeff Thielen
1135 Lindberg Drive
Little Falls, MN 56345
Phone: (612) 632-3714

June 20
*Pine River Canoe Race
(20 points; money undetermined)
Contact: Chuck Meyer
Box 413
Pine River, MN 56474
Phone: (218) 587-2980

June 27-28
West Twin River Canoe Race (USCA)
Contact: Shoto Conservation Club
P.O. Box 463
Manitowoc, WI 54220

June 28
Main Street Marathon
Contact: Ralph Cornelius
4733 Vincent Avenue South
Minneapolis, MN
Phone: (612) 926-8377

July 1
Flin Flon Trout Days (3 days; $4,000)
Contact: Karl Ketter
1957 Lake
Roseville, MN 55113
Phone: (612) 636-8116

July 4
Showboat Days
Contact: Mike Chichanowski
P.O. Box 247
Winona, MN 55987
Phone: (507) 454-5430

July 4
Austin, MN
Contact: Ardell Gorman
810 Tenth Avenue
Austin, MN
Phone: (507) 433-7465

July 4
Melrose Canoe Race
Contact: Juanita Shell
Melrose Chamber of Commerce
117 East Main - Box 324
Melrose, MN 56352
Phone: (612) 256-7174

July 4
*Mississippi Classic (50 points; $7,500)
Contact: Betty Ketter
101 - 79th Avenue North
Minneapolis, MN 55444
Phone: (612) 561-2208

July 10-12
Three Lakes Canoe Race (USCA)
Contact: Tom Johnson
P.O. Box 19890
Milwaukee, WI 53219
Phone: (414) 541-1275

July 11
*Bend of the River Days
(20 points; money undetermined)
Contact: Dale Hennek
Mankato, MN
Phone: (507) 625-2770

July 11
Explorer Race
Contact: Viking Council
5300 Glenwood Avenue
Minneapolis, MN

July 18
*Duluth Canoe Race
(30 points; money undetermined)
Contact: Kris Clay
Duluth, MN
Phone: (218) 728-3416

July 19
Oakwood Lakes Canoe Race
Contact: Gail Robertson
820 Sixth Avenue
Brookings, SD 57006
Phone: (605) 692-1689

August 1-2
Rock River Canoe Race (USCA)
Contact: Dick David
Route 4 - P.O. Box 35
Watertown, WI 53094
Phone: (414) 261-4292

August 1
*Grand Rapids Canoe Race
(20 points; money undetermined)
Contact: Robin Baker
Grand Rapids, MN
Phone: (218) 328-5191

August 1
Pola-Czsky Days
Contact: Doris Jerback
1120 West Main
Silver Lake, MN 55381
Phone: (612) 327-3114

August 2
Hastings Canoe Race
Contact: Larry Johns
2916 North Simpson
Roseville, MN 55113
Phone: (612) 633-6734

August 30
Lake Campbell Canoe Race
Contact: Gail Robertson
820 Sixth Avenue
Brookings, SD 57006
Phone: (605) 692-1687

August 30-31
Mt. Laurier, Quebec (money undetermined)
Contact: Karl Ketter
1957 Lake
Roseville, MN 55113
Phone: (612) 636-8116

September 4-7
Shawinigan, Quebec (3 days, $25,000)
Contact: Karl Ketter
1957 Lake
Roseville, MN 55113
Phone: (612) 636-8116

August 8
C-1 Championship ($500)
Contact: Walt Herschey
Hastings, MN
Phone: (612) 437-7424

August 8
Women's C-2 Championship
Contact: Sheila Johnson
Phone: (612) 722-8436

August 9
Mixed Doubles C-2 Championship
Contact: Sheila Johnson
Phone: (612) 722-8436

August 22
*Pine City Canoe Race
(20 points; money undetermined)
Contact: Ron Henderson
c/o Pine Technical Institute
Pine City, MN 55063
Phone: (612) 629-6764

August 22-23
USCA Nationals
Contact: Lafayette Canoe Club
Lafayette, IN

IMPORTANT ROOKIE RACERS' MEETING

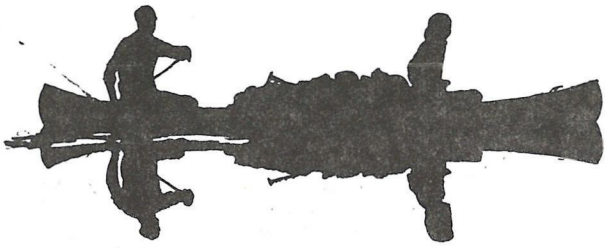
Place: Chris Berne's, 5057 Ewing Avenue South, Minneapolis. On Friday, March 27, there will be a meeting of all those who want to begin racing canoes this season. Get all the up-to-date information on races, available canoes, how to train, race partners and training runs. Last season's films will be shown.

This is where all your questions are answered, all your fears assuaged, all your interest piqued. Attend this meeting — it'll help you catch up to the old, experienced racers who survived last year.

* * *

ALL CANOE RACERS' MEETING

All racers, old and new, fat and skinny, wet or dry, should drop in at Betty Ketter's for this final (first and only) meeting before the first starting gun. There could be $20,000 in races this year! You had better show up, join the chapter, and get the information right. Films and tapes will be shown. This is a social event--no need for licenses or life jackets. (See calendar.)



LONG DISTANCE RACE CIRCUIT LONGEST EVER

Last season, four events made up the entire schedule of racing canoe events in Minnesota. The premier event, the $7,500 First Bank Classic, drew 50 top teams from across North America.

Communities and race sponsors must have been impressed, as this spring shows unprecedented growth in the number and size of canoe races. Nine races have been included in the Minnesota circuit for 1981. Each race has an international classic (18' 6" length, 3 x 27 canoe specifications) and points are awarded to each paddler competing the event. Annually, the silver bowls are awarded to those racers who receive the most points in their division. Five divisions based on experience and age are used: Master, Expert, Intermediate, Rookie, and Junior, with a 12" bowl awarded in each.

A single state championship event will be held in August to determine the bowl winners for C-1, Women's and Mixed Couples divisions. These eight groups all use racing or USCA "cruising" hull specifications.

Dozens of other canoe events will be held in Minnesota in standard or regular recreational canoes. These events are usually run by local groups, with much variety between course, prize, canoe specifications and organization. These events are not usually organized into a point system circuit. These events can be fun if there happens to be one in your neighborhood. MCA racers are willing to advise these race sponsors or possible contestants. See master calendar in HUT!

The final list of MCA-sanctioned long distance races will be made in May--prior to the first event. Tentatively, the races are:

Date	Place or Event	Length	Points for 1st Place	Possible Total Prize List
6 June	Princeton - Rum	4-5 hr.	40	high stakes
7 June	Medford - Straight	2	30	$ 500
14 June	Little Falls - Mississippi	2	30	$ 500
4-5 July	Mpls. First Bank - Mississippi	8 (2days)	60	$7,500
12 July	Mankato - Minnesota	2	20	
8 Aug.	Grand Rapids - Mississippi	2-3	30	
22 Aug.	Pine City - Snake	2	20	
Sept.	St. Cloud - Mississippi	4-5	40	high stakes

Interest has also been expressed by people in Pine River, Hastings and Watertown, but these may not develop this season.

MCA'ERS CAN HELP CLASSIC BECOME A SUCCESS

The total prize list of this event is donated by Minneapolis First Banks. The operations expenses are paid by Betty Ketter and entry fees. The 1980 event had awards for the first 30 teams, but to our surprise, almost 50 teams competed! Those last teams worked every bit as hard as the first 30 for a handshake, a T-shirt and a medallion. The prizes for most canoe racers fall far short of expenses. The teams who travel hundreds of miles to race here are in fact subsidizing the sport.

We are making an attempt to aid these traveling teams. Most customary is for local businesses or groups to "sponsor" a particular team. This is done by the team carrying the sponsor's name on its canoe and receiving money from the sponsor. Hopefully, we will be able to locate interested sponsors to aid the traveling teams. Local teams have the time and contacts to arrange their own sponsors.

You can help this event by helping us find those organizations. As the Classic becomes a 2-day event, a customary sponsorship would be $100. More might be appropriate for teams contending for top positions, but that is worked out between the team and the sponsor.

If you know of a potential sponsor or an interested organization, the race committee can give you necessary information. Help us find these leads. In addition to helping the teams, this will increase community awareness of the major canoe race in the country.

* * *

JENSEN HANDICAP '81

This annual event is back to its opening-the-season status, and will be held Sunday, the 17th of May. No training required. This is for all old, experienced racers to stretch those bones, and a chance for the new potential racers to see how out-of-shape racers can perform. Same old location, course, rules and socializing. Call Karl, 636-8116, or Betty, 561-2208, or Chris, 929-5714, for details. Start is set for 1:00.

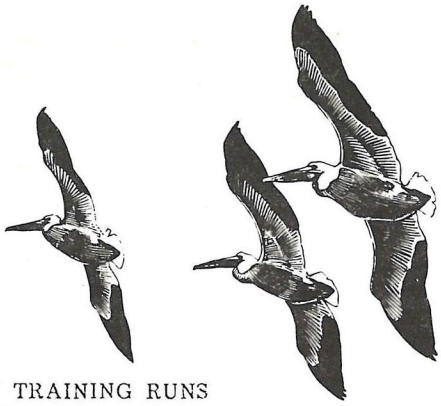
Past contestant rate this event an "X" and prefer no spectators, as certain scenes and language may be objectionable to recreational canoers. But the event promoters feel there is a market for this type of embarrassing, self-deprecating canoe event. Come early to get a good seat.

CANOE PADDLE SALE

While they last—seconds and damaged-in-transit paddles by Cadorette, Sawyer, and Clement—all repaired, refinished, and ready to use. All sizes—many 60" lengths. Retail prices were up to $28, but each and every one is now only $11 plus tax. This is a good time to equip the entire family. Give one to that leech who's been borrowing your best paddle. Remember, this is while they last.



101 - 79th Avenue North / Minneapolis, Minnesota 55444



WEEKDAY TRAINING RUNS
ON NEIGHBORHOOD BASIS

Don't paddle alone, your partner doesn't like you that much. You'll learn more rubbing gunwales with another team than you will alone among the lilypads. Small groups of paddlers are getting together in several areas. All paddlers are welcome. If you're new to this sport, begin at the rookie sessions. If you can hut, steer, and sprint 100 yards, go directly to the training run nearest you.

Twin Cities:
- Rookies - Mondays - U of M Showboat
  Karl, 636-8116
- Camden - Tuesdays - Camden Cyclery
  Rich, 521-4040
- Betty's Place - Wednesdays - Karl, 636-8116
- Anoka - Thursdays - Fairgrounds
  Steve, 753-2921

Owatonna:
- Beautiful Lake Kolmier - Tuesdays
  Larry, (507) 451-0325

Hastings:
- Under the Bridge - Thursdays - Walt, 437-7424

Grand Rapids:
- Call Robin Baker for information
  (218) 329-5191

Duluth:
- Call Chris Clay for information
  (218) 728-3416

ALL "NEW" OR "ALMOST" RACERS

If you are just beginning to race canoes, the best advice we can give you is to practice, practice, practice. In your first serious season, you should wear out at least one pair of athletic shoes!

The second best thing is to join the Long Distance Race chapter so you can attend the coaching sessions held for rookies every Monday from 6:00 to 9:00 p.m. at the U of M Showboat Landing in Minneapolis. These sessions are held every Monday from May to October. The more of them you attend, the less you'll suffer when you race.

All these sessions are free to all race chapter members, and non-members are invited to try out a sport that is as physical as running, but not nearly so hard on the feet. These sessions are not just for racers. They are for those who want to share a couple of hours of physical activity with other sweaty people and get a close look at how canoes are supposed to move.

If interested, call Karl, 636-8116.

NEWS & RUMORS

WEDDING BELLS - Maren Smith and Jim Hagen, canoe racers from Grand Rapids, were married this past winter. (The water was frozen, anyway.) Congratulations!

Walt Herschey went to Florida last February. He surprised Warren Thunstrom in Disney World. Walt was duly impressed by Jensen's calm as they paddled among the alligators.

Canoe racers will want to visit and paddle with their old comrade, Verlin Kruger, as he passes through Minneapolis on his way up the Mississippi. He plans to make repairs and equipment changes when in the Twin Cities, and will probably stay a few days. It'll be the first time a canoer is in shape in April.

A team or two from Montana will race the First Bank Classic this year. Wonder where they train?

Larry Kriesel thought he had the cold water blues solved as he paddled in February wearing a pair of very tall, thigh-high fireman's boots. However, his C-1 leaned, water ran over the gunwale and into the left boot! As his left leg gained weight, it pulled the canoe over. February!

John Wexler is converting to long distance racing. After a classic performance in the '80 Classic, he began buying canoes in February. That's commitment.

Success in canoe racing comes of patience and perseverence. Karl, somewhere in mid-career, while on a spring training run, was an instant winner of a regular size coke at the McDonald's just up the bank from the Straight River.

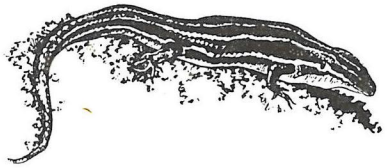
Amazon—phooey! It's all hype. We'll show you more thrills, fear and uncharted wilderness on the Crow River in April—and if you survive, you may attempt the dreaded Upper Elk.

Early planning—Al Rudquist and Stu Bastian, superstars of tomorrow, will team up for a little paddling and running at the Flin Flon, Manitoba, Gold Rush Canoe Derby. Al has been studying canoeing with Gene Jensen and engineering at the U of M. Stu was Steve Peterson's outstanding young bowman in '79.

Jerry Hidde, paddle craftsman, is perfecting a foam core paddle. It still has the high quality wood shaft and grip, but the foam tends to hold the plastic tips better than the balsa wood core paddles. Jerry's work received a good review in Canoe Magazine, but racers here feel his paddles are far superior in materials and craftsmanship than any of the other paddles reviewed.

Last year in Quebec, Gene Jensen and Al Rudquist finished surprisingly strong. They won the first day of the race in classic upset style. Gene reports strong demand for that new canoe they rode. In Jensen style, it doesn't have a catalog number, romantic Indian name, or a limited warranty card. Just call it the "Rudquist".

See our new logo. Many thanks to Larry Johns. Obviously, he is good with his hands.



WHITEWATER SAFETY CODE

I. Personal Preparedness and Responsibility

1. Be a competent swimmer with ability to handle yourself underwater.

2. WEAR a lifejacket.

3. Keep your craft under control. Control must be good enough at all times to stop or reach shore before you reach any danger. Do not enter a rapid unless you are reasonably sure you can safely navigate it or swim the entire rapid in event of capsize.

4. Be aware of river hazards and avoid them. Following are the most frequent KILLERS.

   A. HIGH WATER. The river's power and danger, and the difficulty of rescue increase tremendously as the flow rate increases. It is often misleading to judge river level at the put-in. Look at a narrow, critical passage. Could a sudden rise from sun on a snow pack, rain, or a dam release occur on your trip?

   B. COLD. Cold quickly robs one's strength, along with one's will and ability to save oneself. Dress to protect yourself from cold water and weather extremes. When the water temperature is less than 50 degrees F, a diver's wetsuit is essential for safety in event of an upset. Next best is wool clothing under a windproof outer garment such as a splash-proof nylon shell; in this case, one should also carry matches and a complete change of clothes in a waterproof package. If, after prolonged exposure, a person experiences uncontrollable shaking or has difficulty talking and moving, he must be warmed immediately by whatever means available.

   C. STRAINERS. Brush, fallen trees, bridge pilings or anything else that allows river current to sweep through, but pins boat and boater against the obstacle. The water pressure on anything trapped this way is overwhelming, and there may be little or no whitewater to warn of danger.

   D. WEIRS, REVERSALS AND SOUSE HOLES. The water drops over an obstacle, then curls back on itself in a stationary wave, as is often seen at weirs and dams. The surface water is actually going upstream, and this action will trap any floating object between the drop and the wave. Once trapped, a swimmer's only hope is to dive below the surface where current is flowing downstream, or try to swim out the end of the wave.

5. Boating alone is not recommended. The preferred minimum is three craft.

6. Have a frank knowledge of your boating ability. Don't attempt waters beyond this ability. Learn paddling skills and teamwork, if in a multiple-manned craft, to match the river you plan to boat.

7. Be in good physical condition consistent with the difficulties that may be expected.

8. Be practiced in escape from an overturned craft, in self rescue, in rescue, and in artificial respiration. Know first aid.

9. The Eskimo roll should be mastered by kayakers and canoers planning to run large rivers and/or rivers with continuous rapids where a swimmer would have trouble reaching shore.

10. Wear a crash helmet where an upset is likely. This is essential in a kayak or covered canoe.

11. Be suitably equipped. Wear shoes that will protect your feet during a bad swim or a walk for help, yet will not interfere with swimming (tennis shoes recommended). Carry a knife and waterproof matches. If you need eyeglasses, tie them on and carry a spare pair. Do not wear bulky clothing that will interfere with your swimming when waterlogged.

II. BOAT AND EQUIPMENT PREPAREDNESS

1. Test new and unfamiliar equipment before relying on it for difficult runs.

2. Be sure craft is in good repair before starting a trip. Eliminate sharp projections that could cause injury during a swim.

3. Inflatable craft should have multiple air chambers and should be test inflated before starting a trip.

4. Have strong, adequately sized paddles or oars for controlling the craft, and carry sufficient spares for the length of the trip.

5. Install flotation devices in non-inflatable craft, securely fixed, and designed to displace as much water from the craft as possible.

6. Be certain there is absolutely nothing to cause entanglement when coming free from an upset craft; i.e., a spray skirt that won't release or tangles around legs; life jacket buckles or clothing that might snag; canoe seats that lock on shoe heels; foot braces that fail or allow feet to jam under them; flexible decks that collapse on boaters' legs when a kayak is trapped by water pressure; baggage that dangles in an upset; loose rope in the craft or badly secured bow/stern lines.

7. Provide ropes to allow you to hold onto your craft in case of upset, and so that it may be rescued. Following are the recommended methods:

   A. Kayaks and covered canoes should have 6-inch diameter grab loops of 1/4-inch rope attached to bow and stern. A stern painter 7 or 8 feet long is optional and may be used if properly secured to prevent entanglement.

   B. Open canoes should have bow and stern lines (painters) securely attached consisting of 8 to 10 feet of 1/4- or 3/8-inch rope. These lines must be secured in such a way that they will not come loose accidentally and entangle the boaters during a swim, yet they must be ready for immediate use during an emergency. Attached balls, floats and knots are not recommended.

   C. Rafts and dories should have taut perimeter grab lines threaded through the loops usually provided.

8. Respect rules for craft capacity and know how these capacities should be reduced for whitewater use. (Life raft ratings must generally be halved.)

9. Carry appropriate repair materials: tape (heating duct tape) for short trips, complete repair kit for wilderness trips.

10. Car top racks must be strong and positively attached to the vehicle, and each boat must be tied to each rack. In addition, each end of each boat should be tied to car bumper. Suction cup racks are poor. The entire arrangement should be able to withstand all but the most violent vehicle accident.

III. LEADER'S PREPAREDNESS AND RESPONSIBILITY

1. River Conditions. Have a reasonable knowledge of the difficult part of the run, or if an exploratory trip, examine maps to estimate the feasibility of the run. Be aware of possible rapid changes in river level, and how these changes can affect the difficulty of the run. If important, determine approximately flow rate or level. If trip involves important tidal currents, secure tide information.

2. Participants. Inform participants of expected river conditions and determine if the prospective boaters are qualified for the trip. All decisions should be based on group safety and comfort. Difficult decisions on the participation of marginal boaters must be based on total group strength.

3. Equipment. Plan so that all necessary group equipment is present on the trip; 50- to 100-foot throwing rope, first aid kit with fresh and adequate supplies, extra paddles, repair materials and survival equipment, if appropriate. Check equipment as necessary at the put-in, especially: life jackets, boat flotation, and any items that could prevent complete escape from the boat in case of an upset.

4. Organization. Remind each member of individual responsibility in keeping group compact and intact between leader and sweep (capable rear boater). If group is too large, divide into smaller groups, each of appropriate boating strength, and designate group leaders and sweeps.

5. Float Plan. If trip is into a wilderness area, or for an extended period, your plans should be filed with appropriate authorities, or left with someone who will contact them after a certain time. Establishment of checkpoints along the way at which civilization could be contacted if necessary should be considered. Knowing location of possible help could speed rescue in any case.

IV. IN CASE OF UPSET

1. Evacuate your boat immediately if there is imminent danger of being trapped against logs, brush, or any other form of strainer.

2. Recover with an Eskimo roll if possible.

3. If you swim, hold onto your craft. It has much flotation and is easy for rescuers to spot. Get to the upstream end so craft cannot crush you against obstacles.

4. Release your craft if this improves your safety. If rescue is not imminent and water is numbing cold, or if worse rapids follow, then strike out for the nearest shore.

5. Extend your feet downstream when swimming rapids to fend off rocks. Look ahead. Avoid possible entrapment situations: rock wedges, fissures, strainers, brush, logs, weirs, reversals, and souse holes. Watch for eddies and slackwater so that you can be ready to use these when you approach. Use every opportunity to work your way toward shore.

6. If others spill, go after the boaters. Rescue boats and equipment only if this can be done safely.

V. INTERNATIONAL SCALE OF RIVER DIFFICULTY

(If rapids on a river generally fit into one of the following classifications, but the water temperature is below 50 degrees F, or if the trip is an extended trip in a wilderness area, the river should be considered one class more difficult than normal.)

CLASS I

Moving water with a few riffles and small waves. Few or no obstructions.

CLASS II

Easy rapids with waves up to three feet and wide, clear channels that are obvious without scouting. Some maneuvering is required.

CLASS III

Rapids with high, irregular waves often capable of swamping an open canoe. Narrow passages that often require complex maneuvering. May require scouting from shore.

CLASS IV

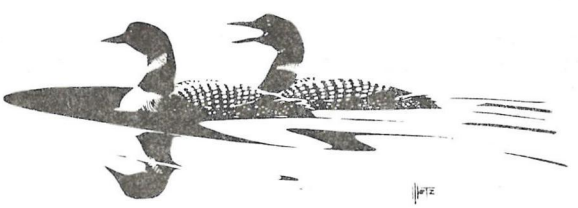
Long, difficult rapids with constricted passages that often require precise maneuvering in very turbulent waters. Scouting from shore is often necessary, and conditions make rescue difficult. Generally not possible for open canoes. Boaters in covered canoes and kayaks should be able to Eskimo roll.

CLASS V

Extremely difficult, long and very violent rapids with highly congested routes that nearly always must be scouted from shore. Rescue conditions are difficult and there is significant hazard to life in event of a mishap. Ability to Eskimo roll is essential for kayaks and canoes.

CLASS VI

Difficulties of Class V carried to the extreme of navigability. Nearly impossible and very dangerous. For teams of experts only, after close study and with all precautions taken.



Help Minnesota's Nongame Wildlife

MCA Canoe Building Supplies

For Sale: MCA resin and fiberglass cloth. Polyester resin with catalyst is $10.25 per gallon. Four ounce cloth, 50 inches wide, is $2.05 per yard; 7-1/2 ounce cheesecloth, 60 inches wide, is $2.85 per yard. Rules for purchase: Call ahead and schedule pickup time. Payment by check or money order to Minnesota Canoe Association. No cash. Bring a valid membership card.

Depots:

Betty Ketter	561-2208	No. Minneapolis
Chris Berne	929-5714	So. Minneapolis
Berne Scale Co.	544-2422	West Suburbs

We are presently looking for someone to be a resin depot in the St. Paul area. If interested, call Chris Berne.

MISSOURI RIVERS

by Walt Jones

As one drives across Missouri on Highway I-44, there is no evidence of the extraordinary country that lies about one hour's drive to the south; a country of hills and hollows, of quiet streams and deep woods. Just 500 miles south of the Twin Cities or a good day's drive are Jam-up Cave, Pulltite Spring, Junktail Landing and Powder Mill Ferry. Current River starts at a spring that gushes out of a cave (enough water comes out of the cave to keep the city of St. Louis supplied with water) and is another river maintained by the Scenic Riverways with lots of camp areas for canoeists. It has a good current, no rapids to speak of—a leisurely float trip down the Current River for just two days will allow time to enjoy the peaceful river. In late March or early April when the purple flowering dogwood signals the beginning of spring and the temperature in March or April is often in the 70's, the sun is warm.

All along the river, springs are evident flowing from bluff walls, bubbling from gravel bars and rising from the river bed itself.

Another river worth a few days of cruising is Eleven Pointe Scenic River. This river is noted for its beginning at Green Spring at its upper end, one of the largest in the state. The spring flows for over a mile through a wild forested gorge and the river runs for 40 miles.

If this sounds interesting and you want to get away from the congestion of urban life to a friendly corner where beauty, recreation and relaxation are delightfully combined, call Walter B. Jones at 488-4570 in the evening. All this and more can be seen in one week leaving in early April. I can carry two canoes—one kayak and my bicycle also accommodate four people. The bicycle will help in the shuttle. The Ozarks region is one of the most attractive and pollution-free areas in the United States.

TRADING POST

Free personal ads to MCA members

Wanted: Folding kayak, 1- or 2-man. Call Martin Szekeresh. 426-1685 at home or 725-7883 at work.

Wanted: Form for a 17-ft. Guide canoe. Will rent, borrow or buy. Please call Gary Weisbrod at 436-4477.

For Sale: Kayak spray skirt (new). Call John Wexler at 722-7069.

MCA Patches For Sale

$2 each, unlimited supply. Orders may be sent to Venice Barsness, MCA Vice President, 500 East 15th Street, Minneapolis, MN 55404. Please enclose a check or money order made out to the Minnesota Canoe Association. Please do not send cash.

For Sale: 2 Sawyer tractor pivot seats with rails (fresh out of a Sawyer Charger) $17.50 each.

Sawyer yoke (fits either a Sawyer or Wenonah canoe) $10.

Assorted gunwale stock and thwarts for an 18-ft. canoe (make offer—all parts just taken off a Sawyer Charger)

56" Norse canoe paddle; $17.

Contact Cliff Jacobson at 437-7497.

For Sale: C-2 Seda Cobra, used once or twice; vinylester-kevlar layup. $400 or best offer.

C-1 Seda Orion, excellent shape; no repairs needed; epoxy-graphite-kevlar layup. $275 or best offer.

Contact: Thomas Anderson, 2320 West Fourth Street, Duluth, MN 55806, Phone: 218-723-8376



HYPOTHERMIA

Definition: Simply stated, hypothermia is loss of core body temperature.

Prevention: Protect body areas from cold, such as scalp, neck, throat and wrists, where blood vessels lie close to skin. Don't get wet.

Symptom: Shivering, numbness, low body temperature, drowsiness, mental confusion, impaired judgement, marked muscular weakness, problems in speaking, and clumsiness.

Advanced Symptom: Staggering, failing eyesight, muscular stiffness, shock, unconsciousness, heart fibrillation, heart failure, death.

General Treatment: Stop further loss of body heat, warm the victim with external heat sources; give victim foods for body fuels.

Specific Treatment: If your victim is unconscious and you are close to civilization, prevent further heat losses by wrapping the victim in sleeping bags and removing wet clothing. Get the victim to the nearest hospital fast. Attempts to rewarm him at this point without medical attention may result in death. If you are not close to civilization, try the warming procedures listed below, with the understanding that the medical complications of warming an unconscious, comatose victim may cause death.

If your victim is unconscious, remove wet clothing and get the victim into a sleeping bag. Remove your own clothing and get into the sleeping bag with the victim. Your heat will help warm him. Massage the victim to keep blood circulating. Keep the victim conscious by talking to him. Feed the victim warm liquids and sugar and/or candy to build up body fuel supplies.

Camp Cookery

Lightweight Goulash (3-4)

1 C uncooked macaroni
1 can (15 oz.) meatballs
1 can green beans (save juice)
Combine: 1 envelope stew mix
1 envelope sour cream sauce mix
1 Tbsp. coffee lightener
1 Tbsp. dry celery leaves
1 Tbsp. dried parsley
1 tsp. sugar
Water

Cook macaroni in 2 qts. boiling salted water about 10 minutes; drain. Add meatballs and beans. Add enough water to the bean liquid to make 2 cups, and add the combined sauce mixes. Stir with a wire whip until blended. Stir sauce into pan and heat thoroughly.

Chef's secret: Substitute freeze dried meatballs and green beans; reconstitute first in hot water.

SPONSOR LISTINGS

Business owners, people in professional practices, and individuals listed in this section are lending support to the MCA and making their products and services known to the club members by using these Sponsor Listings. Contact Helen Olson if you would like to be listed.

Members are encouraged to patronize these sponsors.

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Strip Canoe Supplies
Bill Knudsen & Associates
488-1932

Complete wood pre-cut for a strip canoe, gunwales, thwarts, seats, etc. About $80-100 for sitka spruce or redwood.

HUT! MOVES INTO BIG-TIME ADVERTISING

Hut is now offering a full-blown advertising program. For example, a quarter-page ad can be run for three months for only $20.25 per month. Prices are lower for longer runs. An attractive pricing schedule is available from our advertising manager, Helen Olson, 3356 Todd Rd. S.W., Prior Lake, MN., 55372 or you can give Helen a call at 612-447-4904.

The market which is tapped through HUT! advertising is unique. A well-timed and carefully placed ad can increase buying traffic dramatically.

Even the little guys can afford to advertise by using the new Sponsor Listings. One-eighth of a column in this section is available for six months for only $30.00, and for a full year for only $42.00. There are many products and businesses which can benefit by keeping their names before the members of the MCA in these ads.

HELP!!

If you do not notify the MCA of a change of address, you will not receive your copy of the "HUT". Each "HUT" that is returned to the MCA because of a wrong or insufficient address costs the MCA .25¢. "HUTS" will not be forwarded to a new address due to the bulk rate mailing. If you have recently moved or are planning a move, or the address on the "HUT" you are now receiving is in error, please contact Terry Lemke, Membership Director, as soon as possible.

MINNESOTA CANOE ASSOCIATION. INC.
P.O. Box 14177, University Station, Mpls., Mn. 55414

Bulk Rate
U.S. POSTAGE
PAID
Permit No. 615
Minneapolis, Minn.

TIME VALUED MAIL

ADDRESS CORRECTION REQUESTED

To Preserve Wilderness Canoe Waterways,
To Promote a Wholesome Family Recreational Activity,
Join The Minnesota Canoe Association Today!

MINNESOTA CANOE ASSOCIATION MEMBERSHIP FORM

Last Name First
Name

Address

City State

Zip Telephone

I would like to join the Minnesota Canoe Association as a (check one)

- ☐ Regular member $ 8.00
- ☐ Supportive member $ 25.00
- ☐ Life member $100.00

In addition to joining the Minnesota Canoe Association I would like ( ) to join; ( ) more information on the following clubs

- ( ) Desert (Austin)
- ( ) 3M
- ( ) Duluth
- ( ) St. Cloud
- ( ) Minnesota Valley
- ( ) Hiawatha (Owatonna Faribault)
- ( ) Long Distance Racers
- ( ) Canoe Brigade du Nord (Voyageurs)

Please send me a Woodstrip Canoe Building Manual and the following Woodstrip canoe plans at $5.00 each

- ( ) Explorer and Guide plans
- ( ) BWCA Cruiser
- ( ) MCA 14' Solo
- ( ) Griffen II. kayak (Brown)
- ( ) Itty Bitty (Brown)
- ( ) 15'6" solo canoe (Brown)
- ( ) 18'6" 4 & 32 USCA racer (Burley)
- ( ) 18'6" 3 & 27 racer (Ketter)
- ( ) 15' solo (Ketter)

Send checks made payable to the
Minnesota Canoe Association
P.O. Box 14177 University Station
Minneapolis, MN. 55414

1980-81 BOARD OF DIRECTORS

MINNESOTA CANOE ASSOCIATION, INC.

Executive Committee

President	John Wexler 722-7069	2923 South 16th Ave. Minneapolis 55407
Vice President	Venice Barsness 721-5031 x272	500 East 15th St. Minneapolis 55404
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Program & News	Roy Johnston 542-9070	3241 Gettysburg Ct.N. Minneapolis 55427
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(3 year)	--	--

Chapter Committee

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St. Cloud	Mike Zapf 251-5807	1714 Woodland St. Cloud 56301
Hiawatha	Larry Kriesel (507) 451-0591	Owatonna
Minnesota Valley	Bob Brown 432-7557	12936 Galaxie Avenue Apple Valley 55124

Vacancies are filled by vote of the Board of Directors. If interested, call John Wexler, 722-7060. Except where noted, all area codes are 612.