Pine River
Canoe Trip

River
Permit required
Located in Manistee National Forest
67 miles in length
Avg. 2 feet deep
Campsites along way include bathroom and a fire pit

Itinerary
*campsites are green triangles on the map

<table>
<thead>
<tr>
<th>Sections</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Edgetts to Briar Patch</td>
<td>1 Hour</td>
</tr>
<tr>
<td>Briar Patch to Meadowbrook</td>
<td>1 Hour</td>
</tr>
<tr>
<td>Meadowbrook to Skookum</td>
<td>1 Hour</td>
</tr>
<tr>
<td>Skookum to Walker</td>
<td>2 Hours</td>
</tr>
<tr>
<td>Walker to Lincoln</td>
<td>.75 Hours</td>
</tr>
<tr>
<td>Lincoln to Elm Flats</td>
<td>.75 Hours</td>
</tr>
<tr>
<td>Elm Flats to Dobson</td>
<td>1.75 Hours</td>
</tr>
<tr>
<td>Dobson to Peterson</td>
<td>2 Hours</td>
</tr>
<tr>
<td>Peterson to Low Bridge</td>
<td>2.5 Hours</td>
</tr>
</tbody>
</table>
LNT (Leave No Trace)
No glass on river
Pack out all trash
Make sure fire is out in fire ring
Only use sticks from the ground to burn
To prevent erosion, do not climb on banks of the river

Directions and Time
1 hr and 24 min
From Grand Rapids,
Take M37 N toward Muskegon
Exit 31 B toward Big Rapids
Take Exit 14 mile road Exit 162
Left on 14 mile road
14 mile Rd becomes Luther Highway
Turn left on Raymond Road

When to go?

<table>
<thead>
<tr>
<th></th>
<th>Reasons To go</th>
<th>Temperatures (avg in F)</th>
<th>Rain fall in Inches</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer</td>
<td>Swimming</td>
<td>70s</td>
<td>3.4</td>
</tr>
<tr>
<td>Fall</td>
<td>Fall colors</td>
<td>60s</td>
<td>3.5</td>
</tr>
<tr>
<td>Spring</td>
<td>New blossoms</td>
<td>50s</td>
<td>3.0</td>
</tr>
<tr>
<td>Winter</td>
<td>Solitude</td>
<td>30s</td>
<td>1.6</td>
</tr>
</tbody>
</table>

Minimum personal equipment List
Dry bag to keep secured to canoe
20 degree sleeping bag
Sleeping pad
Synthetic layers (limit cotton)
Swimsuit
Rain coat
Long underwear
2 pairs of wool socks
Extra clothes in dry bag
Hat and gloves
Sandals or tennis shoes
Insulated mug
Bowl and spoon
Hydration system (at least 2 liters)
(ex. 2 Nalgene bottles)
Sunscreen
Glasses/ extra contacts
Headlamp/ flashlight
Toiletries
Journal and Bible
Hand sanitizer
Knife or multi-tool
Cash
Group Equipment
Map/compass
First aid
Matches/lighter
Extra food and water
Tarp
Fuel
Stove
Water purification
Pots
Tent
Stakes
Utensils
Toilet paper
Mini shovel
Zip lock bags
Trash bags
Duct tape

Costs
Food for 1 person = $2.50 X 6 meals = $15
Gear rental= $5 tent + $1 sleeping pad+ $5 sleeping bag= $11 a person
Gasoline $30 for 1 car
Family sites (max 6 people) = $22 night
Group site (max 50 people) =$60 night

Permit
Depending on time of year, order a month in advance to a few weeks in advance
To reserve a permit 231-745-4631
Office to pick of permit
1755 S. Mitchell St.
Cadillac, MI 49601
Take US-131 north 96.5 miles.
Merge onto Exit 177 US-131 Business Route.
Turn left and travel 1 mile.
The office is located on the right.
Sample Meal
Breakfast: granola and powdered milk
Lunch: PBJ/ Nutella and Tortilla
Dinner: Trail Pizza

To get food from the dining hall just go to the link below and order a week in advance!
http://www.calvin.edu/admin/food/retreat.html

Food Protection

1. Put your food in a stuff sack.
2. Tie one end of the rope to the stuff sack.
3. Tie the other end of the rope around a rock.
4. Find tree with a sturdy branch about 15 feet off the ground and 10 feet from tree
5. Throw rock up and over the limb and pull food up
6. Tie off end of rope to another tree

Highlights

• A scenic getaway
• Fast water with light rapids
• Beautiful Michigan vegetation
• Fastest river in lower Michigan

Emergency Contact numbers
Hospital: West Shore Medical Center in Manistee (231) 398-1000
Ranger: 231) 723-2211