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U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SERVICE  
COAST SURVEY

MERCATOR PROJECTION SCALE 1:50,000 AT 46°25'30"  
NORTH AMERICAN DATUM OF 1983  
WORLD GEODETIC SYSTEM 1984  
SOUNDINGS AND OVERHEAD CLEARANCE IN FEET

**HIGHTS**  
Height as in feet. Contour elevations refer to mean sea level.

**AUTHORITY**  
Hydrographic information furnished by the National Ocean Service, Coast Survey, and other data from the Corps of Engineers, Geological Survey, and U.S. Coast Guard.

**SUPPLEMENTAL INFORMATION**  
Consult U.S. Coast Pilot for the latest supplemental information.

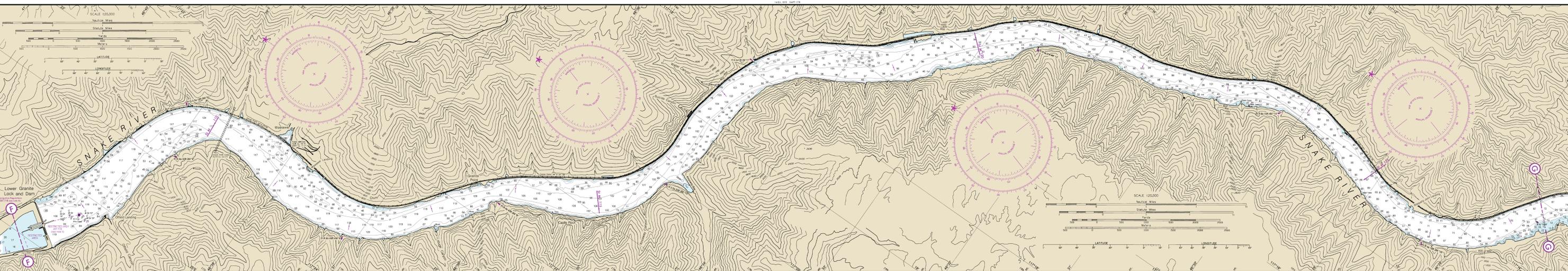
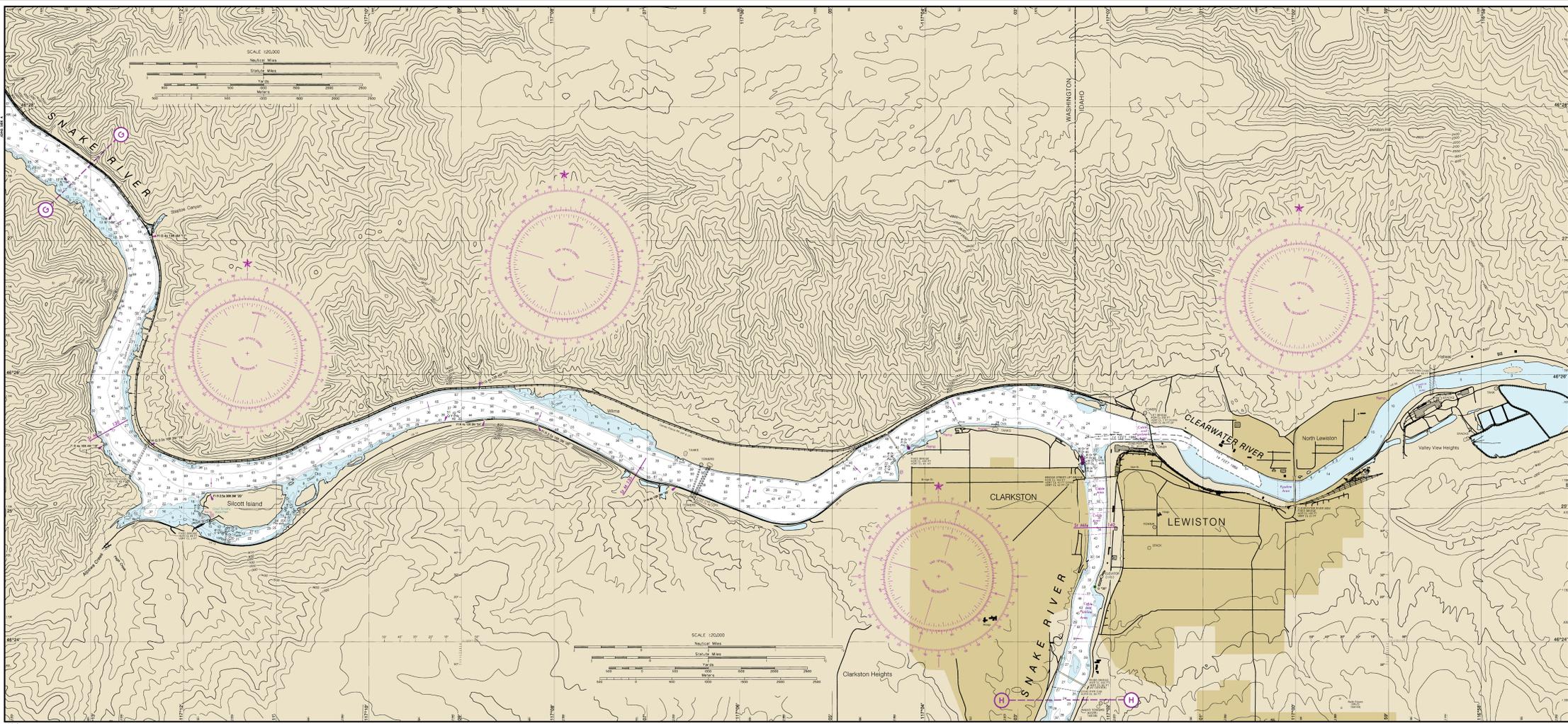
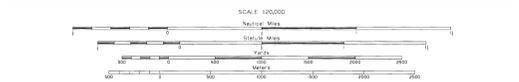
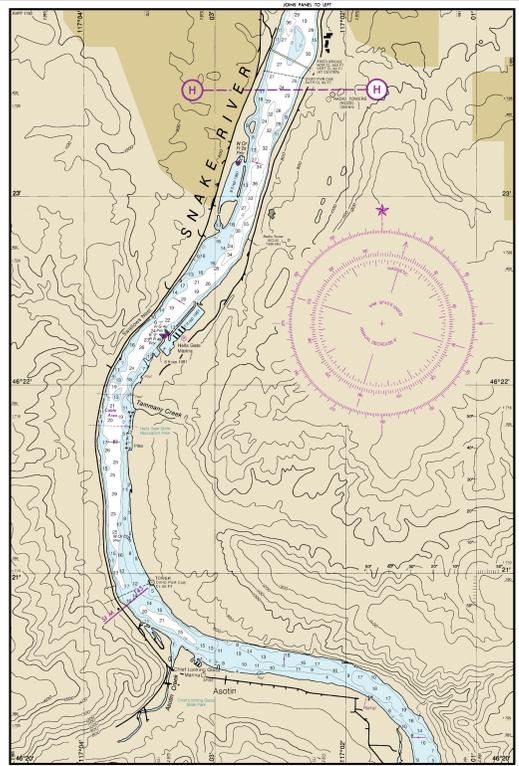
**HYDROGRAPHIC DATA**  
The hydrographic data of this chart is based on the original soundings of the U.S. Coast Survey, which were corrected to the North American Datum of 1983. The original soundings were obtained in the years 1850-1860, and were corrected to the datum of 1983 by means of a vertical datum shift of 1.15 feet.

**CAUTION**  
The depth of water in this chart is determined by soundings made by the U.S. Coast Survey. The soundings were obtained by means of a sounding machine, and are subject to error. The soundings are given in feet, and are rounded to the nearest foot. The soundings are not to be used for navigation unless they are corrected to the datum of 1983.

**PLANE COORDINATE GRID**  
Washington State Datum, 1983, is indicated by dashed lines at 5000 foot intervals. The datum is based on the mean sea level at the mouth of the Columbia River.

**POLLUTION REPORTS**  
Report of spills of oil or other pollutants in the Pacific Northwest is published in the National Ocean Service's "Oil Spill Bulletin".

**CAUTION**  
This chart has been corrected from the Pacific Northwest Hydrographic Survey, and is subject to change. The National Ocean Service is not responsible for any errors or omissions in this chart.



**THE SNAKE RIVER FACTS AND HISTORY**  
The Snake River is one of the most important rivers of the Pacific Northwest section of the United States. It is the largest tributary of the Columbia River. The Snake River is a high, rugged mountain stream of the Cascade Range. The Snake River is a high, rugged mountain stream of the Cascade Range. The Snake River is a high, rugged mountain stream of the Cascade Range.

**LOWER GRANITE DAMS**  
The Lower Granite Dams are a series of dams on the Snake River. They are located in the state of Idaho. The dams are used for hydroelectric power generation. The dams are also used for flood control and irrigation.

**NOTES**  
1. Keep your eyes on the water at all times. 2. Do not drink the water. 3. Do not swim in the water. 4. Do not use the water for drinking. 5. Do not use the water for cooking. 6. Do not use the water for bathing. 7. Do not use the water for anything else.

**CAUTION**  
The Snake River is a high, rugged mountain stream. It is subject to sudden changes in water level. It is also subject to flooding. It is important to be aware of the water level and to avoid the river when it is high.

**ABBREVIATIONS**  
A: Above ground  
B: Below ground  
C: Concrete  
D: Dam  
E: Embankment  
F: Foundation  
G: Gravel  
H: Hill  
I: Island  
J: Jetty  
K: Key  
L: Light  
M: Marker  
N: Natural  
O: Obstruction  
P: Pier  
Q: Quay  
R: Rock  
S: Sand  
T: Tower  
U: Underway  
V: Vessel  
W: Wall  
X: X-mas  
Y: Yacht  
Z: Zigzag

**ADDITIONAL INFORMATION**  
The Snake River is a high, rugged mountain stream. It is subject to sudden changes in water level. It is also subject to flooding. It is important to be aware of the water level and to avoid the river when it is high.

**SCALE**  
SCALE 1:50,000  
Nautical Miles  
Statute Miles  
Feet  
Meters

**COMPASS ROSE**  
MAGNETIC VARIATION  
MAGNETIC DEVIATION

