



Europe boasts an extraordinary waterway system

Rivers & Locks

GOING DOWNSTREAM

As the ship approaches the lock, a gate opens up. The ship enters the lock chamber until the ship is completely inside. The gate behind the ship closes. Then the lock is drained until it reaches the same water level as the lower side of the chamber. The second gate opens and the ship exits at the lower level of the lock.

GOING UPSTREAM

As the ship approaches the lock, a gate opens up. The ship enters the lock chamber until the ship is completely inside. The gate behind the ship closes. Then the lock is filled until it reaches the same water level as the higher side of the chamber. The second gate opens and the ship exits at the higher level of the lock.

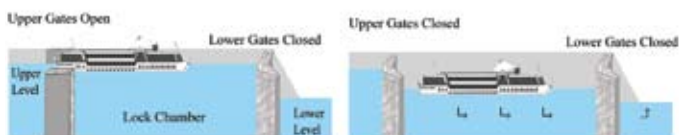
LOCKS BETWEEN CITIES

From Koblenz to Trier (Moselle River):	10 locks
From Frankfurt to Bamberg (Main River):	34 locks
From Bamberg to Kelheim (Main-Danube Canal):	16 locks
From Kelheim to Budapest (Danube River):	17 locks

Rhine River The locks on the Rhine are 9 or 10 metres (29 or 33 feet) high except for two locks in Strasbourg.

Moselle River The locks on the Moselle are 5 or 6 metres (16 or 20 feet) high, except the last two locks, which are 7 metres (23 feet) high.

Main River Total length 524 km (or 325 miles); navigable from Bamberg to Mainz over a distance of 384 km (or 240 miles)
Average depth: 2.5 metres (8.2 feet).





Main-Danube Canal The total length is 171 km (or 106 miles); during which you can see some old locks and lock keepers houses from the Ludwig Main-Danube Canal, dating back to 1847. The highest point is Hilpoltstein, at 406 metres (or 1340 feet). The Main-Danube Canal also features several Aqueducts, where the canal crosses over roads or rivers:

- Crossing over two roads and the Zenn river after 53.7 km
- Crossing over Regnitz River after 61.9 km
- Crossing over the road and Schwarzach River after 79 km
- Crossing over the road and Creek Finsterbach after 87.1 km

Danube River The navigable course of the Danube starts in Kelheim, Germany and is 2415 km (1500 miles) long. From the confluence of the Brigach, Breg and the Danube it is 2845 km (1767 miles) long. Finally, from the Breg the Danube is 2888 km (1795 miles).

From Germany, the Danube flows through 10 countries until it empties into the Black Sea, the distances in each are:

• Germany	577 km	358 miles
• Austria	350 km	218 miles
• Slovakia	172 km	107 miles
• Hungary	416 km	258 miles
• Croatia	137 km	85 miles
• Serbia	588 km	365 miles
• Romania	1.075 km	668 miles
• Bulgaria	471 km	292 miles
• Ukraine	180 km	112 miles
• Moldova	0.57 km	0.35 miles

