

Fox River Navigational System

How a Lock Works



When the water level is raised above the level of the lock chamber, the water level in the lock chamber is raised above the level of the lock chamber. The water level in the lock chamber is raised above the level of the lock chamber. The water level in the lock chamber is raised above the level of the lock chamber.



The upper gate is closed and the water level in the lock chamber is raised above the level of the lock chamber. The water level in the lock chamber is raised above the level of the lock chamber. The water level in the lock chamber is raised above the level of the lock chamber.

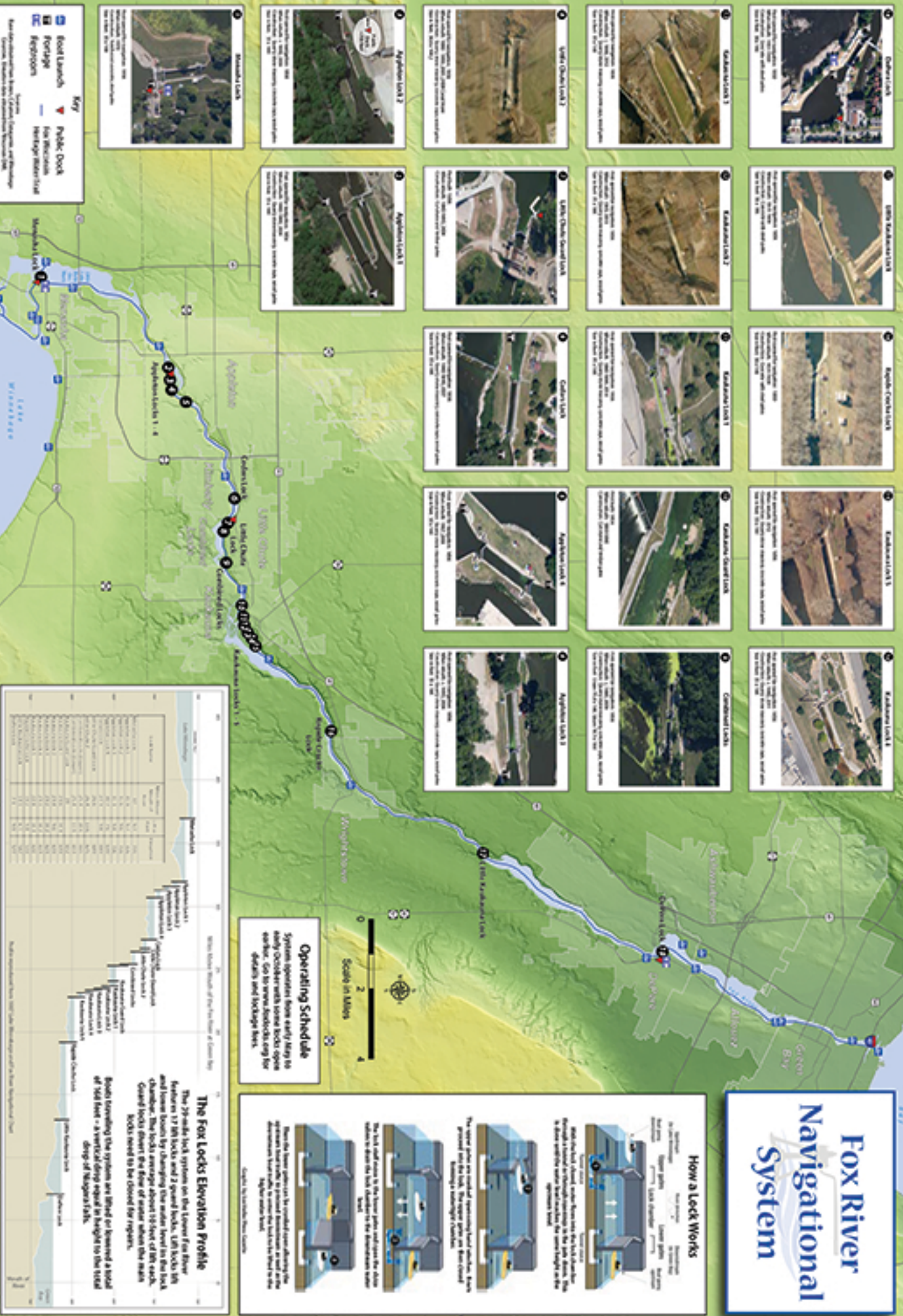


The lock and water in the lower gate and the water level in the lock chamber is raised above the level of the lock chamber. The water level in the lock chamber is raised above the level of the lock chamber. The water level in the lock chamber is raised above the level of the lock chamber.



When the water level is raised above the level of the lock chamber, the water level in the lock chamber is raised above the level of the lock chamber. The water level in the lock chamber is raised above the level of the lock chamber. The water level in the lock chamber is raised above the level of the lock chamber.

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Key

- Public Dock
- Portage
- Heritage Marker
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The Fox Locks Elevation Profile

The 29-mile lock system on the lower Fox River features 17 lift locks and 2 gate locks. Lift locks lift and lower boats by changing the water level in the lock chamber. The locks average about 10 feet of lift each. Gate locks divert the flow of water when the main locks need to be closed for repairs.

Boats traveling the system are lifted or lowered a total of 164 feet - a vertical drop equal in height to the steel drop of Niagara Falls.

Lock Name	Lock Type	Lock Length (ft)	Lock Width (ft)	Lock Depth (ft)	Lock Elevation (ft)	Lock Location
Appleton Lock 1	Lift	100	100	10	100	Appleton, WI
Appleton Lock 2	Lift	100	100	10	100	Appleton, WI
Appleton Lock 3	Lift	100	100	10	100	Appleton, WI
Appleton Lock 4	Lift	100	100	10	100	Appleton, WI
Appleton Lock 5	Lift	100	100	10	100	Appleton, WI
Appleton Lock 6	Lift	100	100	10	100	Appleton, WI
Appleton Lock 7	Lift	100	100	10	100	Appleton, WI
Appleton Lock 8	Lift	100	100	10	100	Appleton, WI
Appleton Lock 9	Lift	100	100	10	100	Appleton, WI
Appleton Lock 10	Lift	100	100	10	100	Appleton, WI
Appleton Lock 11	Lift	100	100	10	100	Appleton, WI
Appleton Lock 12	Lift	100	100	10	100	Appleton, WI
Appleton Lock 13	Lift	100	100	10	100	Appleton, WI
Appleton Lock 14	Lift	100	100	10	100	Appleton, WI
Appleton Lock 15	Lift	100	100	10	100	Appleton, WI
Appleton Lock 16	Lift	100	100	10	100	Appleton, WI
Appleton Lock 17	Lift	100	100	10	100	Appleton, WI
Appleton Lock 18	Lift	100	100	10	100	Appleton, WI
Appleton Lock 19	Lift	100	100	10	100	Appleton, WI
Appleton Lock 20	Lift	100	100	10	100	Appleton, WI
Appleton Lock 21	Lift	100	100	10	100	Appleton, WI
Appleton Lock 22	Lift	100	100	10	100	Appleton, WI
Appleton Lock 23	Lift	100	100	10	100	Appleton, WI
Appleton Lock 24	Lift	100	100	10	100	Appleton, WI
Appleton Lock 25	Lift	100	100	10	100	Appleton, WI
Appleton Lock 26	Lift	100	100	10	100	Appleton, WI
Appleton Lock 27	Lift	100	100	10	100	Appleton, WI
Appleton Lock 28	Lift	100	100	10	100	Appleton, WI
Appleton Lock 29	Lift	100	100	10	100	Appleton, WI
Appleton Lock 30	Lift	100	100	10	100	Appleton, WI
Appleton Lock 31	Lift	100	100	10	100	Appleton, WI
Appleton Lock 32	Lift	100	100	10	100	Appleton, WI
Appleton Lock 33	Lift	100	100	10	100	Appleton, WI
Appleton Lock 34	Lift	100	100	10	100	Appleton, WI
Appleton Lock 35	Lift	100	100	10	100	Appleton, WI
Appleton Lock 36	Lift	100	100	10	100	Appleton, WI
Appleton Lock 37	Lift	100	100	10	100	Appleton, WI
Appleton Lock 38	Lift	100	100	10	100	Appleton, WI
Appleton Lock 39	Lift	100	100	10	100	Appleton, WI
Appleton Lock 40	Lift	100	100	10	100	Appleton, WI
Appleton Lock 41	Lift	100	100	10	100	Appleton, WI
Appleton Lock 42	Lift	100	100	10	100	Appleton, WI
Appleton Lock 43	Lift	100	100	10	100	Appleton, WI
Appleton Lock 44	Lift	100	100	10	100	Appleton, WI
Appleton Lock 45	Lift	100	100	10	100	Appleton, WI
Appleton Lock 46	Lift	100	100	10	100	Appleton, WI
Appleton Lock 47	Lift	100	100	10	100	Appleton, WI
Appleton Lock 48	Lift	100	100	10	100	Appleton, WI
Appleton Lock 49	Lift	100	100	10	100	Appleton, WI
Appleton Lock 50	Lift	100	100	10	100	Appleton, WI
Appleton Lock 51	Lift	100	100	10	100	Appleton, WI
Appleton Lock 52	Lift	100	100	10	100	Appleton, WI
Appleton Lock 53	Lift	100	100	10	100	Appleton, WI
Appleton Lock 54	Lift	100	100	10	100	Appleton, WI
Appleton Lock 55	Lift	100	100	10	100	Appleton, WI
Appleton Lock 56	Lift	100	100	10	100	Appleton, WI
Appleton Lock 57	Lift	100	100	10	100	Appleton, WI
Appleton Lock 58	Lift	100	100	10	100	Appleton, WI
Appleton Lock 59	Lift	100	100	10	100	Appleton, WI
Appleton Lock 60	Lift	100	100	10	100	Appleton, WI
Appleton Lock 61	Lift	100	100	10	100	Appleton, WI
Appleton Lock 62	Lift	100	100	10	100	Appleton, WI
Appleton Lock 63	Lift	100	100	10	100	Appleton, WI
Appleton Lock 64	Lift	100	100	10	100	Appleton, WI
Appleton Lock 65	Lift	100	100	10	100	Appleton, WI
Appleton Lock 66	Lift	100	100	10	100	Appleton, WI
Appleton Lock 67	Lift	100	100	10	100	Appleton, WI
Appleton Lock 68	Lift	100	100	10	100	Appleton, WI
Appleton Lock 69	Lift	100	100	10	100	Appleton, WI
Appleton Lock 70	Lift	100	100	10	100	Appleton, WI
Appleton Lock 71	Lift	100	100	10	100	Appleton, WI
Appleton Lock 72	Lift	100	100	10	100	Appleton, WI
Appleton Lock 73	Lift	100	100	10	100	Appleton, WI
Appleton Lock 74	Lift	100	100	10	100	Appleton, WI
Appleton Lock 75	Lift	100	100	10	100	Appleton, WI
Appleton Lock 76	Lift	100	100	10	100	Appleton, WI
Appleton Lock 77	Lift	100	100	10	100	Appleton, WI
Appleton Lock 78	Lift	100	100	10	100	Appleton, WI
Appleton Lock 79	Lift	100	100	10	100	Appleton, WI
Appleton Lock 80	Lift	100	100	10	100	Appleton, WI
Appleton Lock 81	Lift	100	100	10	100	Appleton, WI
Appleton Lock 82	Lift	100	100	10	100	Appleton, WI
Appleton Lock 83	Lift	100	100	10	100	Appleton, WI
Appleton Lock 84	Lift	100	100	10	100	Appleton, WI
Appleton Lock 85	Lift	100	100	10	100	Appleton, WI
Appleton Lock 86	Lift	100	100	10	100	Appleton, WI
Appleton Lock 87	Lift	100	100	10	100	Appleton, WI
Appleton Lock 88	Lift	100	100	10	100	Appleton, WI
Appleton Lock 89	Lift	100	100	10	100	Appleton, WI
Appleton Lock 90	Lift	100	100	10	100	Appleton, WI
Appleton Lock 91	Lift	100	100	10	100	Appleton, WI
Appleton Lock 92	Lift	100	100	10	100	Appleton, WI
Appleton Lock 93	Lift	100	100	10	100	Appleton, WI
Appleton Lock 94	Lift	100	100	10	100	Appleton, WI
Appleton Lock 95	Lift	100	100	10	100	Appleton, WI
Appleton Lock 96	Lift	100	100	10	100	Appleton, WI
Appleton Lock 97	Lift	100	100	10	100	Appleton, WI
Appleton Lock 98	Lift	100	100	10	100	Appleton, WI
Appleton Lock 99	Lift	100	100	10	100	Appleton, WI
Appleton Lock 100	Lift	100	100	10	100	Appleton, WI