

OSWEGO CANAL

OSWEGO CANAL LOCKS (Statute Miles)

Lock #	(SM) Mile Marker	Location	Lift	Elevation (Feet)		Next Lock	(SM) Distance @ 10.0 MPH	Transit Time	Lockmaster Phone
				Lower	Upper				
Three Rivers Jct.	0.00	Three Rivers, NY	0.0	363.33'		O1	2.15	00:13	
O1	2.15	Phoenix, NY	10.2' (NB↓ SB↑)	353.13'	363.33'	O2	9.33	00:56	(315) 695-2281
O2	11.48	Fulton, NY	17.8' (NB↓ SB↑)	335.33'	353.13'	O3	0.58	00:03	(315) 592-4155
O3	12.06	Fulton, NY	27.0' (NB↓ SB↑)	308.33'	335.33'	O5	6.43	00:39	(315) 592-5349
O5*	18.49	Minetto, NY	18.0' (NB↓ SB↑)	290.33'	308.33'	O6	3.29	00:20	(315) 343-5232
O6	21.78	High Dam, NY	20.0' (NB↓ SB↑)	270.33'	290.33'	O7	0.67	00:04	(315) 343-9001
O7	22.45	Oswego, NY	14.5' (NB↓ SB↑)	255.83'	270.33'	O8	0.44	00:03	(315) 343-6304
O8	22.89	Oswego, NY	11.1' (NB↓ SB↑)	244.73'	255.83'	Lake Ontario	0.70	00:04	(315) 343-0280
*There is no Lock O4 on the Oswego Canal.									

OSWEGO CANAL

OSWEGO CANAL LOCKS (Nautical Miles)

Lock #	(NM) Mile Marker	Location	Lift	Elevation (Feet)		Next Lock	(NM) Distance @ 8.7 Knots	Transit Time	Lockmaster Phone
				Lower	Upper				
Three Rivers Jct.	0.00	Three Rivers, NY	0.0	363.33'		O1	1.87	00:13	
O1	1.87	Phoenix, NY	10.2' (NB↓ SB↑)	353.13'	363.33'	O2	8.11	00:56	(315) 695-2281
O2	9.98	Fulton, NY	17.8' (NB↓ SB↑)	335.33'	353.13'	O3	0.50	00:03	(315) 592-4155
O3	10.48	Fulton, NY	27.0' (NB↓ SB↑)	308.33'	335.33'	O5	5.59	00:39	(315) 592-5349
O5*	16.07	Minetto, NY	18.0' (NB↓ SB↑)	290.33'	308.33'	O6	2.86	00:20	(315) 343-5232
O6	18.93	High Dam, NY	20.0' (NB↓ SB↑)	270.33'	290.33'	O7	0.58	00:04	(315) 343-9001
O7	19.51	Oswego, NY	14.5' (NB↓ SB↑)	255.83'	270.33'	O8	0.38	00:03	(315) 343-6304
O8	19.89	Oswego, NY	11.1' (NB↓ SB↑)	244.73'	255.83'	Lake Ontario	0.61	00:04	(315) 343-0280
*There is no Lock O4 on the Oswego Canal.									

OSWEGO CANAL

OSWEGO CANAL LOCKS (Kilometers)

Lock #	(KM) Mile Marker	Location	Lift	Elevation (Feet)		Next Lock	(KM) Distance	Transit Time @ 16.1 KPH	Lockmaster Phone
				Lower	Upper				
Three Rivers Jct.	0.00	Three Rivers, NY	0.0	110.6 m		O1	3.46	00:13	
O1	3.46	Phoenix, NY	10.2' (NB↓ SB↑)	107.6 m	110.6 m	O2	15.02	00:56	(315) 695-2281
O2	18.48	Fulton, NY	17.8' (NB↓ SB↑)	102.1 m	107.6 m	O3	0.93	00:03	(315) 592-4155
O3	19.41	Fulton, NY	27.0' (NB↓ SB↑)	93.9 m	102.1 m	O5	10.35	00:39	(315) 592-5349
O5*	29.76	Minetto, NY	18.0' (NB↓ SB↑)	88.4 m	93.9 m	O6	5.29	00:20	(315) 343-5232
O6	35.05	High Dam, NY	20.0' (NB↓ SB↑)	82.3 m	88.4 m	O7	1.08	00:04	(315) 343-9001
O7	36.13	Oswego, NY	14.5' (NB↓ SB↑)	77.7 m	82.3 m	O8	0.71	00:03	(315) 343-6304
O8	36.84	Oswego, NY	11.1' (NB↓ SB↑)	74.4 m	77.7 m	Lake Ontario	1.13	00:04	(315) 343-0280
*There is no Lock O4 on the Oswego Canal.									

OSWEGO CANAL

OSWEGO CANAL BRIDGES AND CLEARANCES (Statute Miles)

(SM) Marker	Bridge ID	Normal Pool Level	Normal Pool Vertical Clearance		Maximum Pool Level	Maximum Pool Vertical Clearance	
2.17	Bridge, O-3A, Utility (Lock O1)	352.80	33.40	33' 4.8"	357.50	28.70	28' 8.4"
2.19	Bridge O-4, Culvert Street (Bascule)	352.80	Unlimited		357.50	Unlimited	
2.20	Bridge O-4A, Pipeline	352.80	25.00	25' 0"	357.50	20.00	20' 0"
5.27	Bridge O-5, Hinmansville Road	352.80	24.89	24' 10.68"	357.50	20.19	20' 2.28"
11.47	Bridge O-7A, Utility (Lock O2)	352.80	22.81	22' 9.72"	355.61	20.00	20' 0"
11.49	Bridge O-7B, Access Road, (Lock O2 Swing)	352.80	Unlimited		355.61	Unlimited	
11.52	Bridge O-8, Broadway	335.00	39.90	39' 10.8"	342.40	32.50	32' 6"
12.08	Bridge O-8A, Utility (Lock O3)	308.00	32.28	32' 3.36"	310.90	29.38	29' 4.56"
12.10	Bridge O-9, Oneida Street	308.00	28.20	28' 2.4"	313.00	23.20	23' 2.4"
18.27	Bridge O-10, Minetto Bridge Road	308.00	24.40	24' 4.8"	312.40	20.00	20' 0"
18.51	Bridge O-10A, Catwalk (Lock O5)	290.00	24.77	24' 9.24"	294.00	20.77	20' 9.24"
21.81	Bridge O-10B, Catwalk (Lock O6)	270.00	27.33	27' 3.96"	275.00	22.33	22' 3.96"
22.48	Bridge O-11, Lock Road (Lock O7)	255.83	21.67	21' 8.04"	256.70	20.80	20' 9.6"
22.64	Bridge O-12, Utica Street	255.83	35.07	35' 0.84"	256.70	34.20	34' 2.4"
22.73	Bridge O-13, Pedestrian Bridge	255.83	21.15	21' 1.8"	256.70	20.28	20' 3.36"
22.88	Bridge O-13A, Utility (Lock O8)	255.83	21.15	21' 1.8"	256.70	20.28	20' 3.36"
22.92	Bridge O-14, Bridge Street	244.95	26.50	26' 6"	248.95	22.50	22' 6"

OSWEGO CANAL

OSWEGO CANAL BRIDGES AND CLEARANCES (Nautical Miles)

(NM) Marker	Bridge ID	Normal Pool Level	Normal Pool Vertical Clearance		Maximum Pool Level	Maximum Pool Vertical Clearance	
1.89	Bridge, O-3A, Utility (Lock O1)	352.80	33.40	33' 4.8"	357.50	28.70	28' 8.4"
1.90	Bridge O-4, Culvert Street (Bascule)	352.80	Unlimited		357.50	Unlimited	
1.91	Bridge O-4A, Pipeline	352.80	25.00	25' 0"	357.50	20.00	20' 0"
4.58	Bridge O-5, Hinmansville Road	352.80	24.89	24' 10.68"	357.50	20.19	20' 2.28"
9.97	Bridge O-7A, Utility (Lock O2)	352.80	22.81	22' 9.72"	355.61	20.00	20' 0"
9.98	Bridge O-7B, Access Road, (Lock O2 Swing)	352.80	Unlimited		355.61	Unlimited	
10.01	Bridge O-8, Broadway	335.00	39.90	39' 10.8"	342.40	32.50	32' 6"
10.50	Bridge O-8A, Utility (Lock O3)	308.00	32.28	32' 3.36"	310.90	29.38	29' 4.56"
10.51	Bridge O-9, Oneida Street	308.00	28.20	28' 2.4"	313.00	23.20	23' 2.4"
15.88	Bridge O-10, Minetto Bridge Road	308.88	24.40	24' 4.8"	312.40	20.00	20' 0"
16.08	Bridge O-10A, Catwalk (Lock O5)	290.00	24.77	24' 9.24"	294.00	20.77	20' 9.24"
18.95	Bridge O-10B, Catwalk (Lock O6)	270.00	27.33	27' 3.96"	275.00	22.33	22' 3.96"
19.53	Bridge O-11, Lock Road (Lock O7)	255.83	21.67	21' 8.04"	256.70	20.80	20' 9.6"
19.67	Bridge O-12, Utica Street	255.83	35.07	35' 0.84"	256.70	34.20	34' 2.4"
19.75	Bridge O-13, Pedestrian Bridge	255.83	21.15	21' 1.8"	256.70	20.28	20' 3.36"
19.88	Bridge O-13A, Utility (Lock O8)	255.83	21.15	21' 1.8"	256.70	20.28	20' 3.36"
19.92	Bridge O-14, Bridge Street	244.95	26.50	26' 6"	248.95	22.50	22' 6"

OSWEGO CANAL

OSWEGO CANAL BRIDGES AND CLEARANCES (Kilometers)

(KM) Marker	Bridge ID	Normal Pool Level	Normal Pool Vertical Clearance	Maximum Pool Level	Maximum Pool Vertical Clearance
3.49	Bridge, O-3A, Utility (Lock O1)	107.53 meters	10.18 meters	108.97 meters	8.75 meters
3.52	Bridge O-4, Culvert Street (Bascule)	107.53 meters	<u>Unlimited</u>	108.97 meters	<u>Unlimited</u>
3.54	Bridge O-4A, Pipeline	107.53 meters	7.62 meters	108.97 meters	6.10 meters
8.48	Bridge O-5, Hinmansville Road	107.53 meters	7.59 meters	108.97 meters	6.15 meters
18.46	Bridge O-7A, Utility (Lock O2)	107.53 meters	6.95 meters	108.39 meters	6.10 meters
18.49	Bridge O-7B, Access Road, (Lock O2 Swing)	107.53 meters	<u>Unlimited</u>	108.39 meters	<u>Unlimited</u>
18.54	Bridge O-8, Broadway	102.11 meters	12.16 meters	104.36 meters	9.91 meters
19.44	Bridge O-8A, Utility (Lock O3)	93.88 meters	9.84 meters	94.76 meters	8.96 meters
19.47	Bridge O-9, Oneida Street	93.88 meters	8.60 meters	95.40 meters	7.07 meters
29.40	Bridge O-10, Minetto Bridge Road	93.88 meters	7.44 meters	95.22 meters	6.10 meters
29.79	Bridge O-10A, Catwalk (Lock O5)	88.39 meters	7.55 meters	89.61 meters	6.33 meters
35.10	Bridge O-10B, Catwalk (Lock O6)	82.30 meters	8.33 meters	83.82 meters	6.81 meters
36.18	Bridge O-11, Lock Road (Lock O7)	77.98 meters	6.61 meters	78.24 meters	6.34 meters
36.44	Bridge O-12, Utica Street	77.98 meters	10.69 meters	78.24 meters	10.42 meters
36.58	Bridge O-13, Pedestrian Bridge	77.98 meters	6.45 meters	78.24 meters	6.18 meters
36.82	Bridge O-13A, Utility (Lock O8)	77.98 meters	6.45 meters	78.24 meters	6.18 meters
36.89	Bridge O-14, Bridge Street	74.66 meters	8.08 meters	75.88 meters	6.86 meters

OSWEGO CANAL

OSWEGO CANAL DISTANCES (Statute Miles)

Oswego Canal Distances (Statute Miles)	Three Rivers Junction	Phoenix, NY	Lock O1	Lock O2	Fulton, NY	Lock O3	Minetto, NY	Lock O5	Lock O6	Lock O7	Oswego, NY	Lock O8	Welland Canal
Three Rivers Junction	0.00	1.96	2.15	11.48	11.92	12.06	18.37	18.49	21.78	22.45	22.80	22.89	163.92
Phoenix, NY	1.96	0.00	0.19	9.52	9.96	10.10	16.41	16.53	19.82	20.49	20.84	20.93	161.96
Lock O1	2.15	0.19	0.00	9.33	9.77	9.91	16.22	16.34	19.63	20.30	20.65	20.74	161.77
Lock O2	11.48	9.52	9.33	0.00	0.44	0.58	6.89	7.01	10.30	10.97	11.32	11.41	152.44
Fulton, NY	11.92	9.96	9.77	0.44	0.00	0.14	6.45	6.57	9.86	10.53	10.88	10.97	152.00
Lock O3	12.06	10.10	9.91	0.58	0.14	0.00	6.31	6.43	9.72	10.39	10.74	10.83	151.86
Minetto, NY	18.37	16.41	16.22	6.89	6.45	6.31	0.00	0.12	3.41	4.08	4.43	4.52	145.55
Lock O5	18.49	16.53	16.34	7.01	6.57	6.43	0.12	0.00	3.29	3.96	4.31	4.40	145.43
Lock O6	21.78	19.82	19.63	10.30	9.86	9.72	3.41	3.29	0.00	0.67	1.02	1.11	142.14
Lock O7	22.45	20.49	20.30	10.97	10.53	10.39	4.08	3.96	0.67	0.00	0.35	0.44	141.47
Oswego, NY	22.80	20.84	20.65	11.32	10.88	10.74	4.43	4.31	1.02	0.32	0.00	0.09	141.12
Lock O8	22.89	20.93	20.74	11.41	10.97	10.83	4.52	4.40	1.11	0.44	0.09	0.00	141.03
Welland Canal	163.92	161.96	161.77	152.44	152.00	151.86	145.55	145.43	142.14	141.47	141.12	141.03	0.00

OSWEGO CANAL

OSWEGO CANAL DISTANCES (Nautical Miles)

Oswego Canal Distances (Nautical Miles)	Three Rivers Junction	Phoenix, NY	Lock 01	Lock 02	Fulton, NY	Lock 03	Minetto, NY	Lock 05	Lock 06	Lock 07	Oswego, NY	Lock 08	Welland Canal
Three Rivers Junction	0.00	1.70	1.87	9.98	10.36	10.48	15.96	16.07	18.93	19.51	19.81	19.89	142.44
Phoenix, NY	1.70	0.00	0.17	8.27	8.66	8.78	14.26	14.36	17.22	17.81	18.11	18.19	140.74
Lock 01	1.87	0.17	0.00	8.11	8.49	8.61	14.09	14.20	17.06	17.64	17.94	18.02	140.57
Lock 02	9.98	8.27	8.11	0.00	0.38	0.50	5.99	6.09	8.95	9.53	9.84	9.92	132.47
Fulton, NY	10.36	8.66	8.49	0.38	0.00	0.12	5.60	5.71	8.57	9.15	9.45	9.53	132.08
Lock 03	10.48	8.78	8.61	0.50	0.12	0.00	5.48	5.59	8.45	9.03	9.33	9.41	131.96
Minetto, NY	15.96	14.26	14.09	5.99	5.60	5.48	0.00	0.10	2.96	3.55	3.85	3.93	126.48
Lock 05	16.07	14.36	14.20	6.09	5.71	5.59	0.10	0.00	2.86	3.44	3.75	3.82	126.38
Lock 06	18.93	17.22	17.06	8.95	8.57	8.45	2.96	2.86	0.00	0.58	0.89	0.96	123.52
Lock 07	19.51	17.81	17.64	9.53	9.15	9.03	3.55	3.44	0.58	0.00	0.30	0.38	122.93
Oswego, NY	19.81	18.11	17.94	9.84	9.45	9.33	3.85	3.75	0.89	0.28	0.00	0.08	122.63
Lock 08	19.89	18.19	18.02	9.92	9.53	9.41	3.93	3.82	0.96	0.38	0.08	0.00	122.55
Welland Canal	142.44	140.74	140.57	132.47	132.08	131.96	126.48	126.38	123.52	122.93	122.63	122.55	0.00

OSWEGO CANAL

OSWEGO CANAL DISTANCES (Kilometers)

Oswego Canal Distances (Kilometers)	Three Rivers Junction	Phoenix, NY	Lock O1	Lock O2	Fulton, NY	Lock O3	Minetto, NY	Lock O5	Lock O6	Lock O7	Oswego, NY	Lock O8	Welland Canal
Three Rivers Junction	0.00	3.15	3.46	18.48	19.18	19.41	29.56	29.76	35.05	36.13	36.69	36.84	263.80
Phoenix, NY	3.15	0.00	0.31	15.32	16.03	16.25	26.41	26.60	31.90	32.98	33.54	33.68	260.65
Lock O1	3.46	0.31	0.00	15.02	15.72	15.95	26.10	26.30	31.59	32.67	33.23	33.38	260.34
Lock O2	18.48	15.32	15.02	0.00	0.71	0.93	11.09	11.28	16.58	17.65	18.22	18.36	245.33
Fulton, NY	19.18	16.03	15.72	0.71	0.00	0.23	10.38	10.57	15.87	16.95	17.51	17.65	244.62
Lock O3	19.41	16.25	15.95	0.93	0.23	0.00	10.15	10.35	15.64	16.72	17.28	17.43	244.39
Minetto, NY	29.56	26.41	26.10	11.09	10.38	10.15	0.00	0.19	5.49	6.57	7.13	7.27	234.24
Lock O5	29.76	26.60	26.30	11.28	10.57	10.35	0.19	0.00	5.29	6.37	6.94	7.08	234.05
Lock O6	35.05	31.90	31.59	16.58	15.87	15.64	5.49	5.29	0.00	1.08	1.64	1.79	228.75
Lock O7	36.13	32.98	32.67	17.65	16.95	16.72	6.57	6.37	1.08	0.00	0.56	0.71	227.67
Oswego, NY	36.69	33.54	33.23	18.22	17.51	17.28	7.13	6.94	1.64	0.51	0.00	0.14	227.11
Lock O8	36.84	33.68	33.38	18.36	17.65	17.43	7.27	7.08	1.79	0.71	0.14	0.00	226.97
Welland Canal	263.80	260.65	260.34	245.33	244.62	244.39	234.24	234.05	228.75	227.67	227.11	226.97	0.00

OSWEGO CANAL

OSWEGO CANAL SPEED LIMITS			
Canal Leg	MPH	Knots	KPH
Three Rivers Junction (Erie Canal) to Lock O2	10.0	8.7	16.1
Lock O2 to Lock O3	5.0	4.3	8.0
Lock O3 to Lock O6	10.0	8.7	16.1
Lock O6 to Lock O8	5.0	4.3	8.0
Except in the vicinity of locks or as otherwise posted. You are responsible for your wake!			

OSWEGO CANAL

OSWEGO CANAL TRANSIT TIMES

		Transit Times @ The Lesser of: Indicated Speeds or Posted Speed Limit			
# of Locks	Transit @ Posted Speed Limit	MPH	8.0	10.0	15.0
		Knots	7.0	8.7	13.0
		Kilometers	12.9	16.1	24.1
(3) Rivers Jct to Lock O1 (Phoenix, NY)	0	12.9 Min.	16.1 Min.	12.9 Min.	12.9 Min.
Lock O1 to Lock O2 (Fulton, NY)	1	1.3 Hrs.	1.5 Hrs.	1.3 Hrs.	1.3 Hrs.
Lock O2 to Lock O3 (Fulton, NY)	1	20.1 Min	20.1 Min	20.1 Min	20.1 Min
Lock O3 to Lock O5 (Minetto, NY)	1	58.6 Min.	1.1 Hrs.	58.6 Min.	58.6 Min.
Lock O5 to Lock O6	1	39.7 Min.	44.7 Min.	39.7 Min.	39.7 Min.
Lock O6 to Lock O7 (Oswego, NY)	1	28.0 Min.	28.0 Min.	28.0 Min.	28.0 Min.
Lock O7 to Lock O8 (Oswego, NY)	1	25.3 Min.	25.3 Min.	25.3 Min.	25.3 Min.
Lock O8 to Lake Ontario	1	20.1 Min.	20.1 Min.	20.1 Min.	20.1 Min.

Time Through the Locks (O1 thru O8):
Three Rivers to Lake Ontario:

4.5 Hrs.
4.7 Hrs.

5.1 Hrs.
5.2 Hrs.

4.5 Hrs.
4.7 Hrs.

4.5 Hrs.
4.7 Hrs.

OSWEGO CANAL

OSWEGO CANAL LOCK CHAMBER WAYPOINTS

Three Rivers Junction	43° 12' 04.31" N	76° 16' 48.67" W
Oswego Canal Lock O1	43° 13' 45.80" N	76° 18' 05.11" W
Oswego Canal Lock O2	43° 18' 59.90" N	76° 24' 52.88" W
Oswego Canal Lock O3	43° 19' 27.19" N	76° 25' 07.14" W
Oswego Canal Lock O5	43° 24' 01.94" N	76° 28' 23.77" W
Oswego Canal Lock O6	43° 26' 40.85" N	76° 29' 41.78" W
Oswego Canal Lock O7	43° 27' 03.56" N	76° 30' 16.96" W
Oswego Canal Lock O8	43° 27' 23.72" N	76° 30' 31.61" W

NOT FOR NAVIGATION

These waypoints are distributed in the hope that they will be useful, but WITHOUT ANY WARRANTY;
without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.

The author assumes no liability for damages arising from the use of these waypoints.

OSWEGO CANAL

OSWEGO CANAL WX RADIO

Location	Call Sign	WX Channel	Frequency	Coverage
Syracuse, NY	WXL31	WX-1	162.550 MHz	Three Rivers Junction near Phoenix, NY north to Lake Ontario at Oswego, NY
Rochester, NY	KHA53	WX-2	162.400 MHz	May provide better Lake Ontario forecasts for the Oswego, NY region.