Sacramento - San Joaquin Delta Daily Data Atlas of Mean Daily Electrical Conductivity, Estimated Delta Outflow, Location of Salinity Gradient and Estimated X2 Position for Water Years 1968 to 1993

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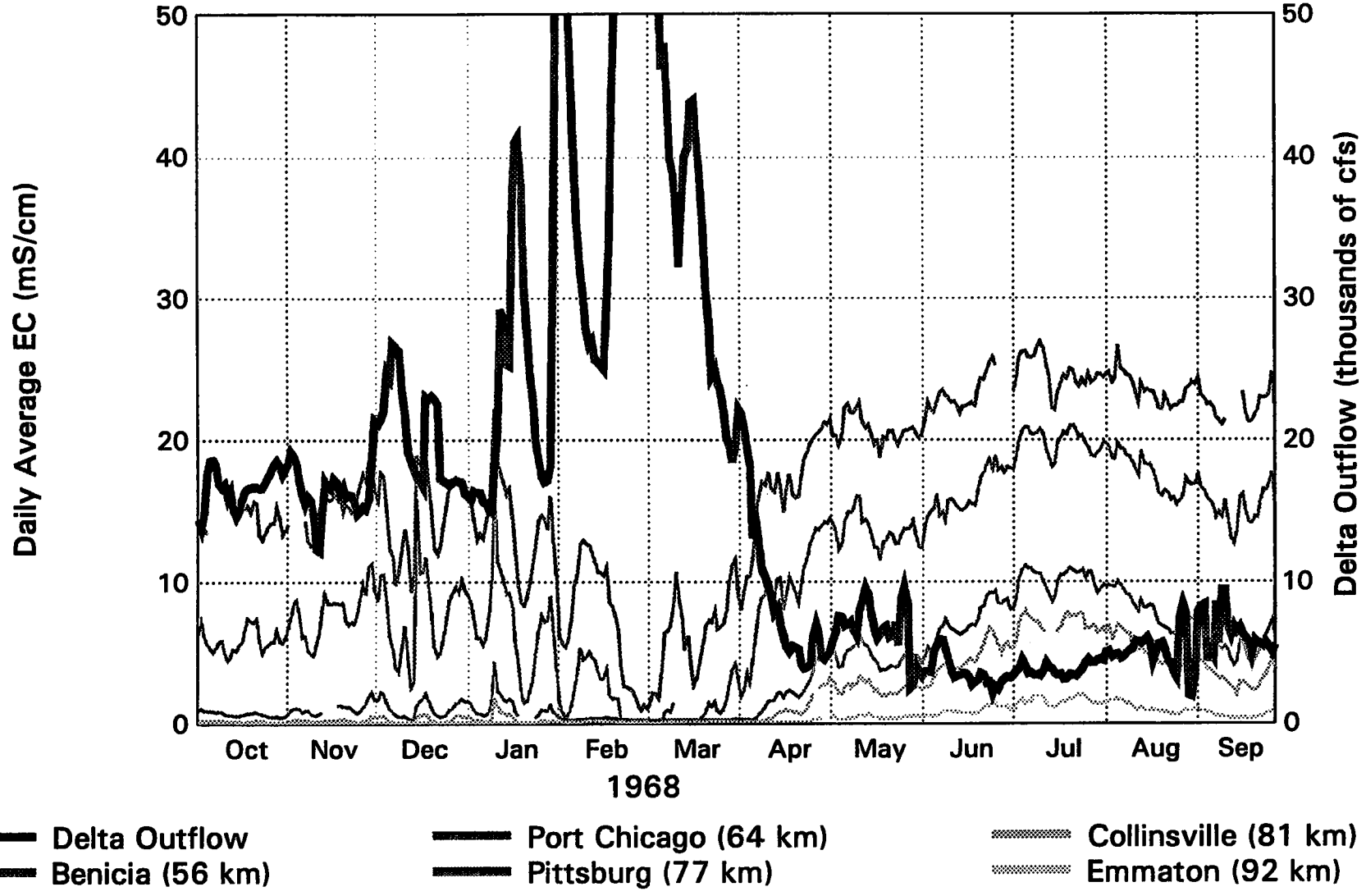
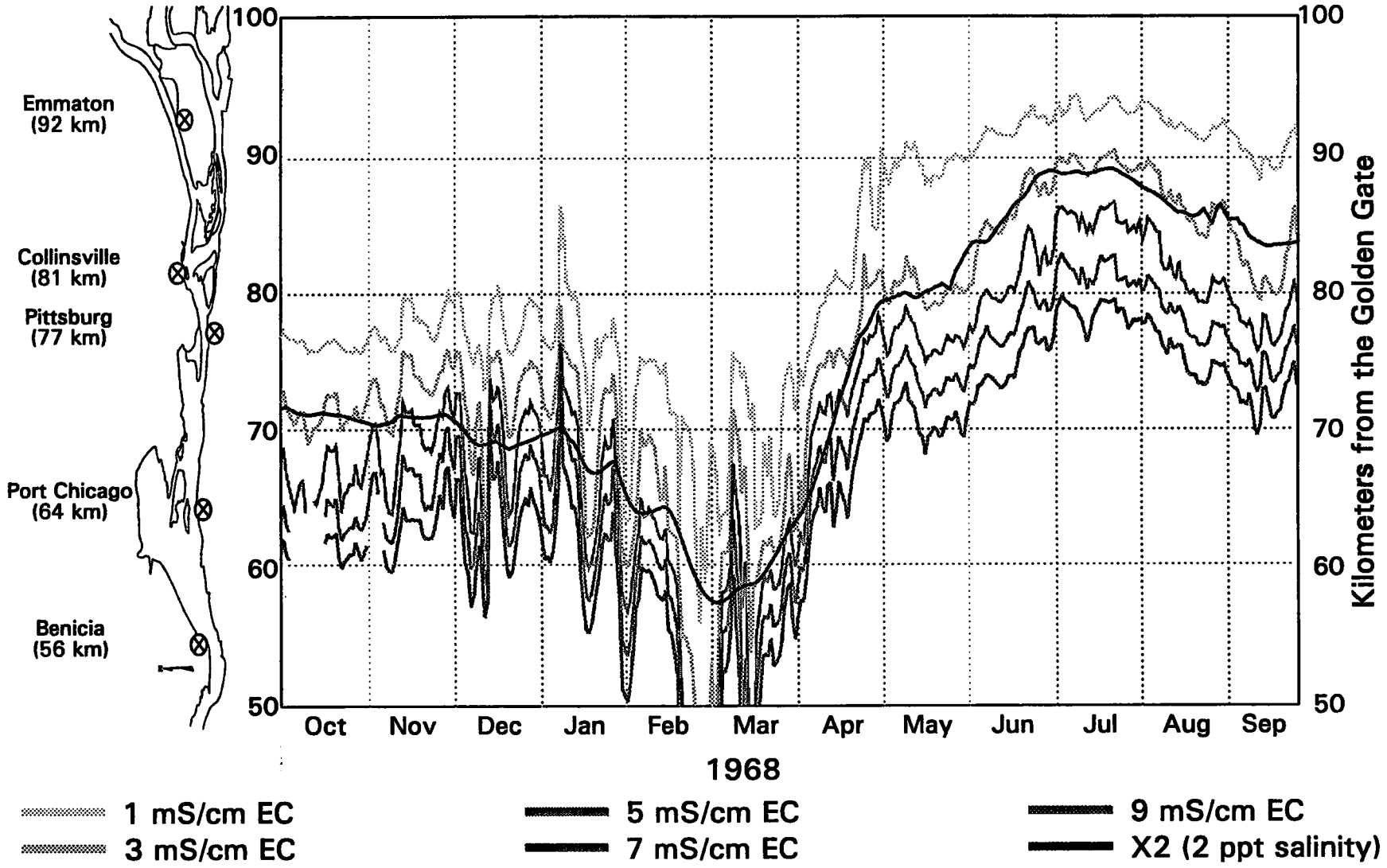
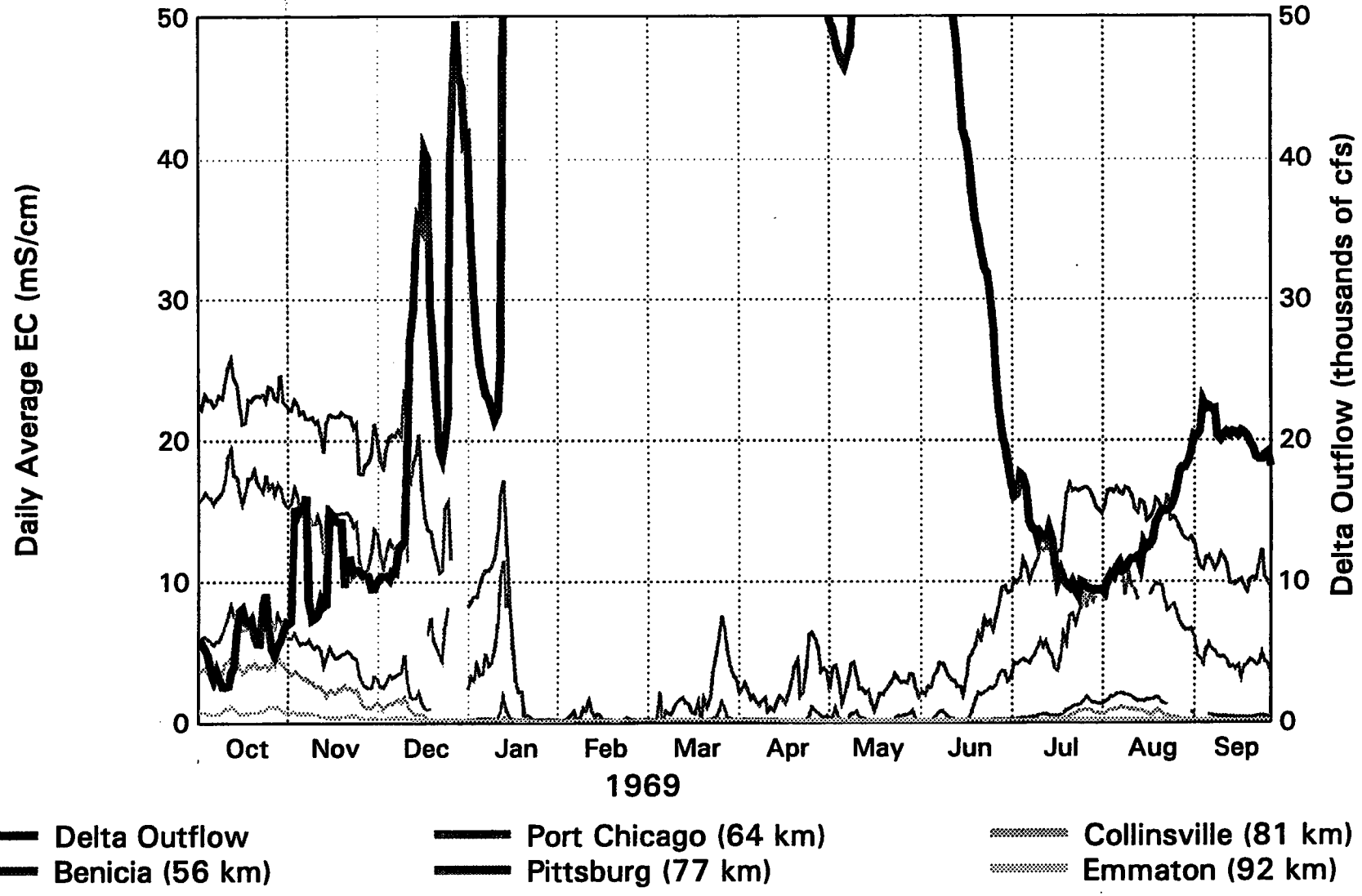


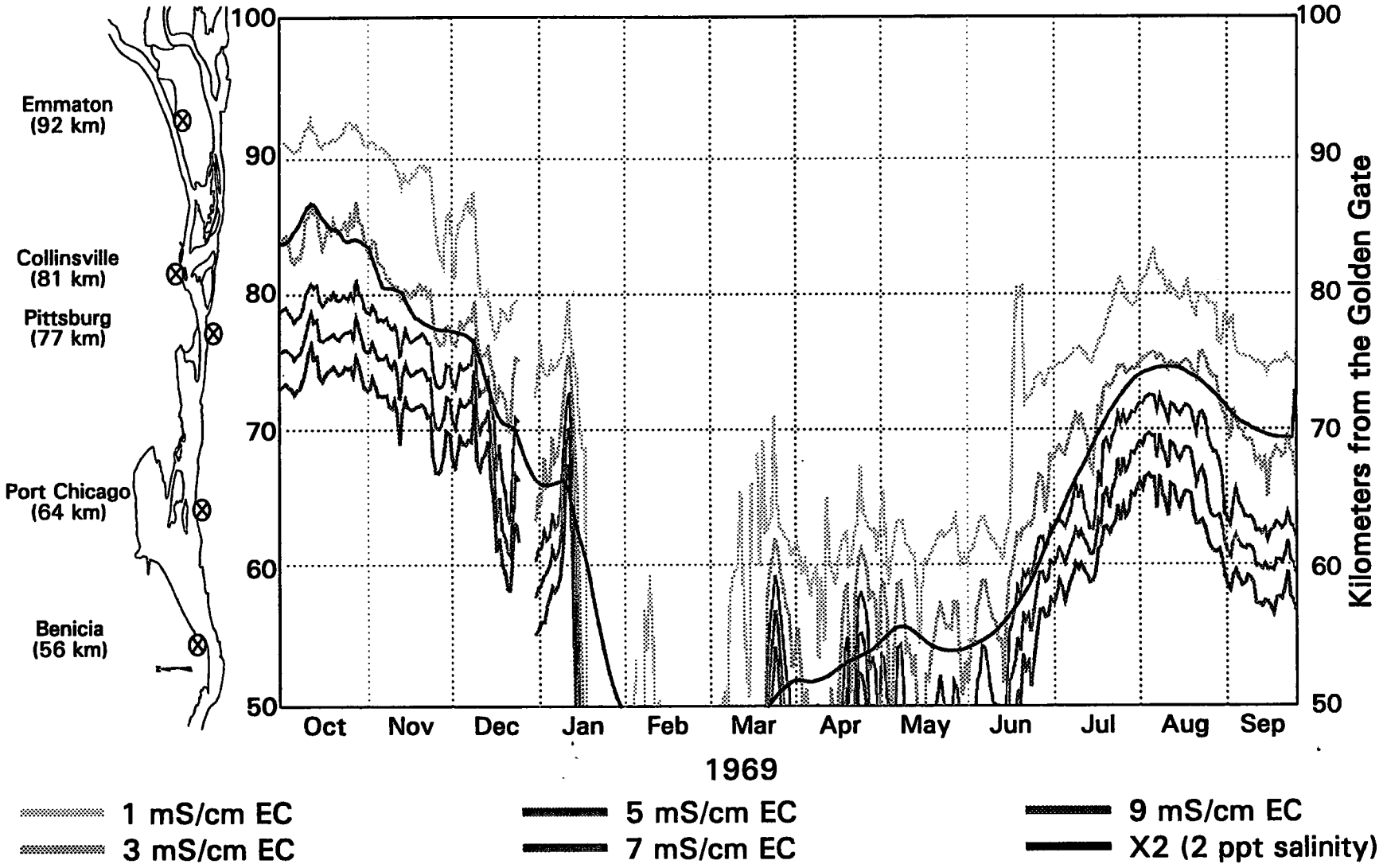
DAILY AVERAGE EC AT SELECTED STATIONS AND DELTA OUTFLOW FOR 1968
FIGURE 68A



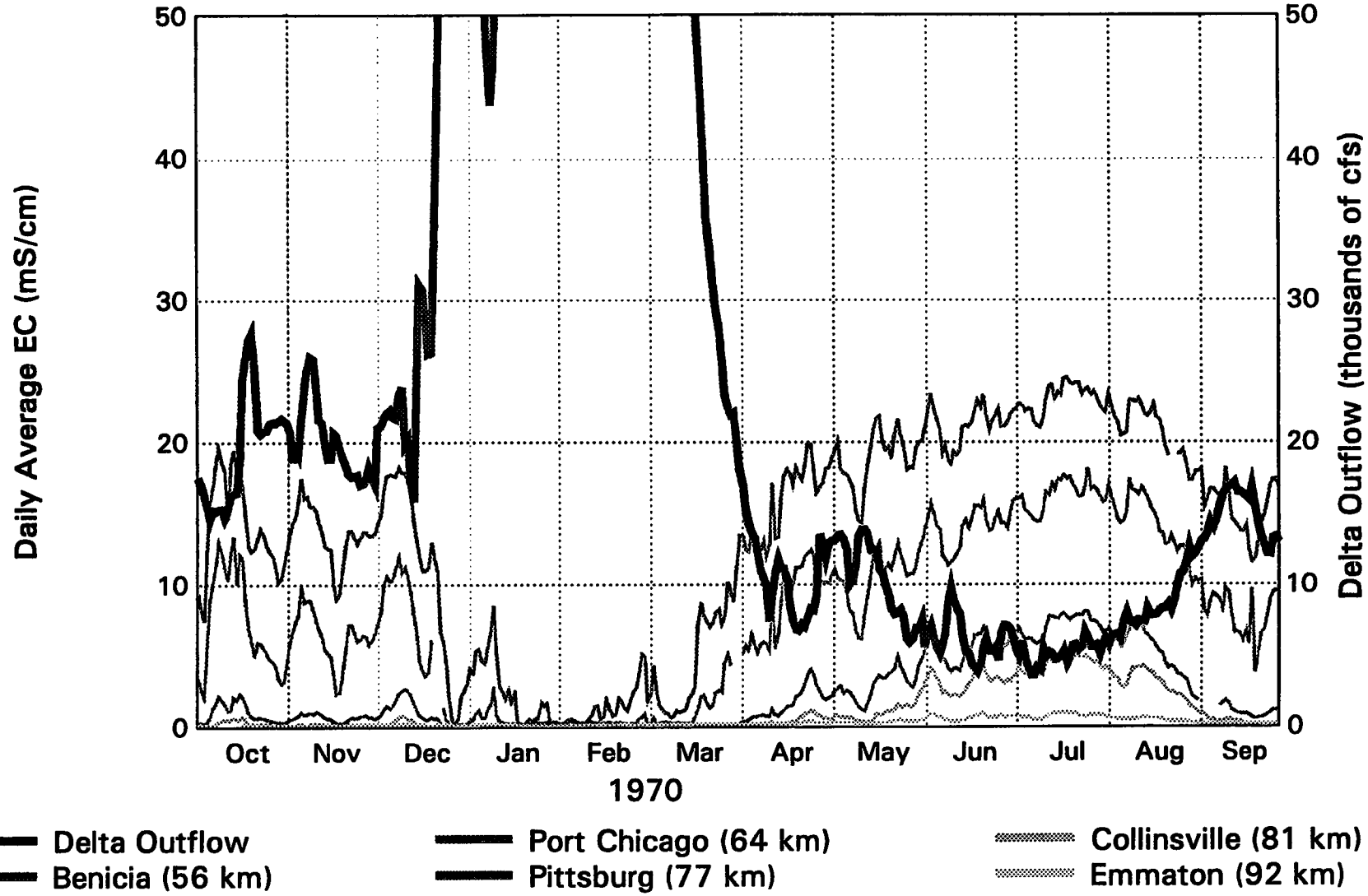
LOCATION OF SALINITY GRADIENT INTERPOLATED FROM DAILY AVERAGE EC MEASUREMENTS AND ESTIMATED X2 POSITION FOR 1968
FIGURE 68B



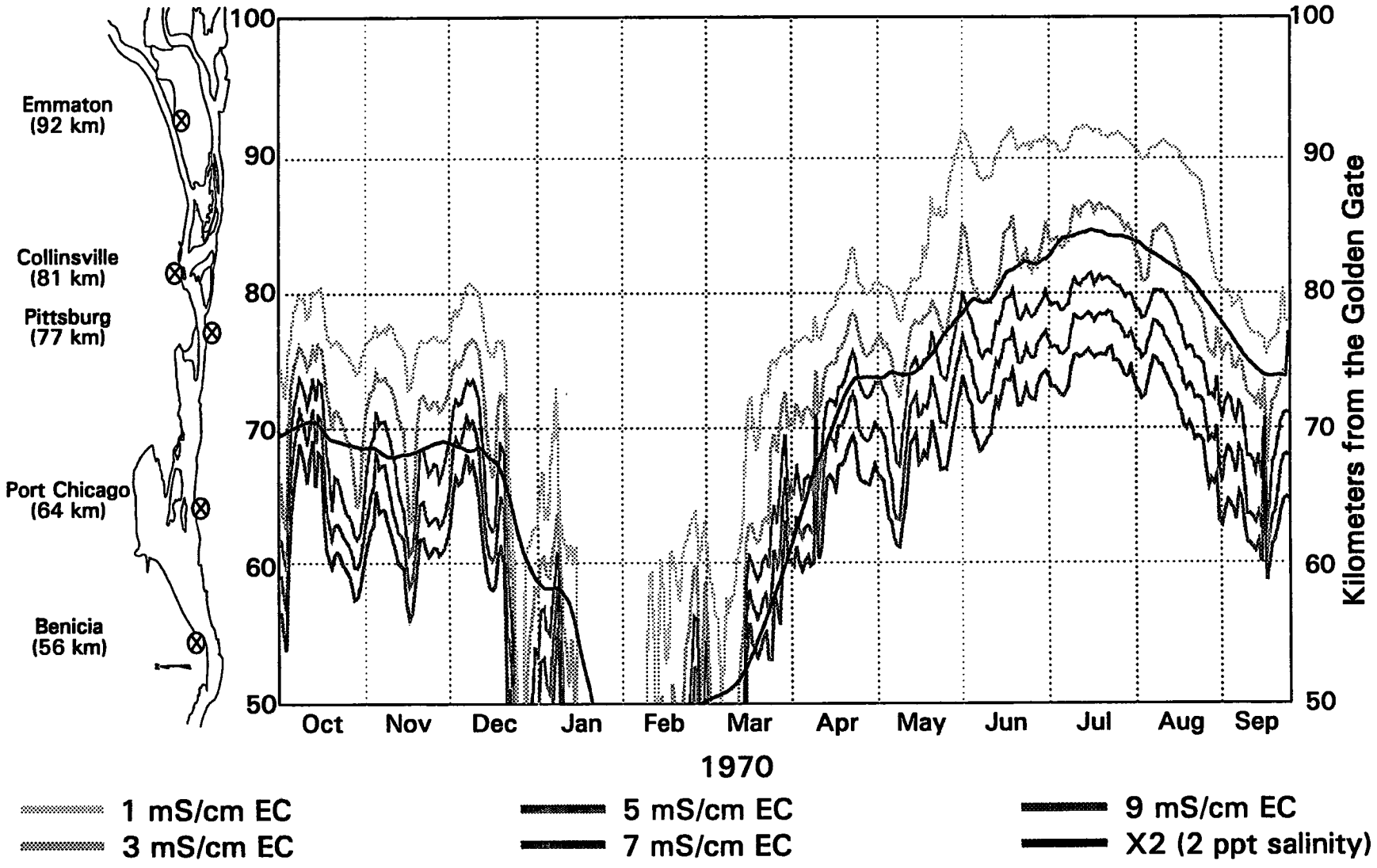
DAILY AVERAGE EC AT SELECTED STATIONS AND DELTA OUTFLOW FOR 1969
FIGURE 69A



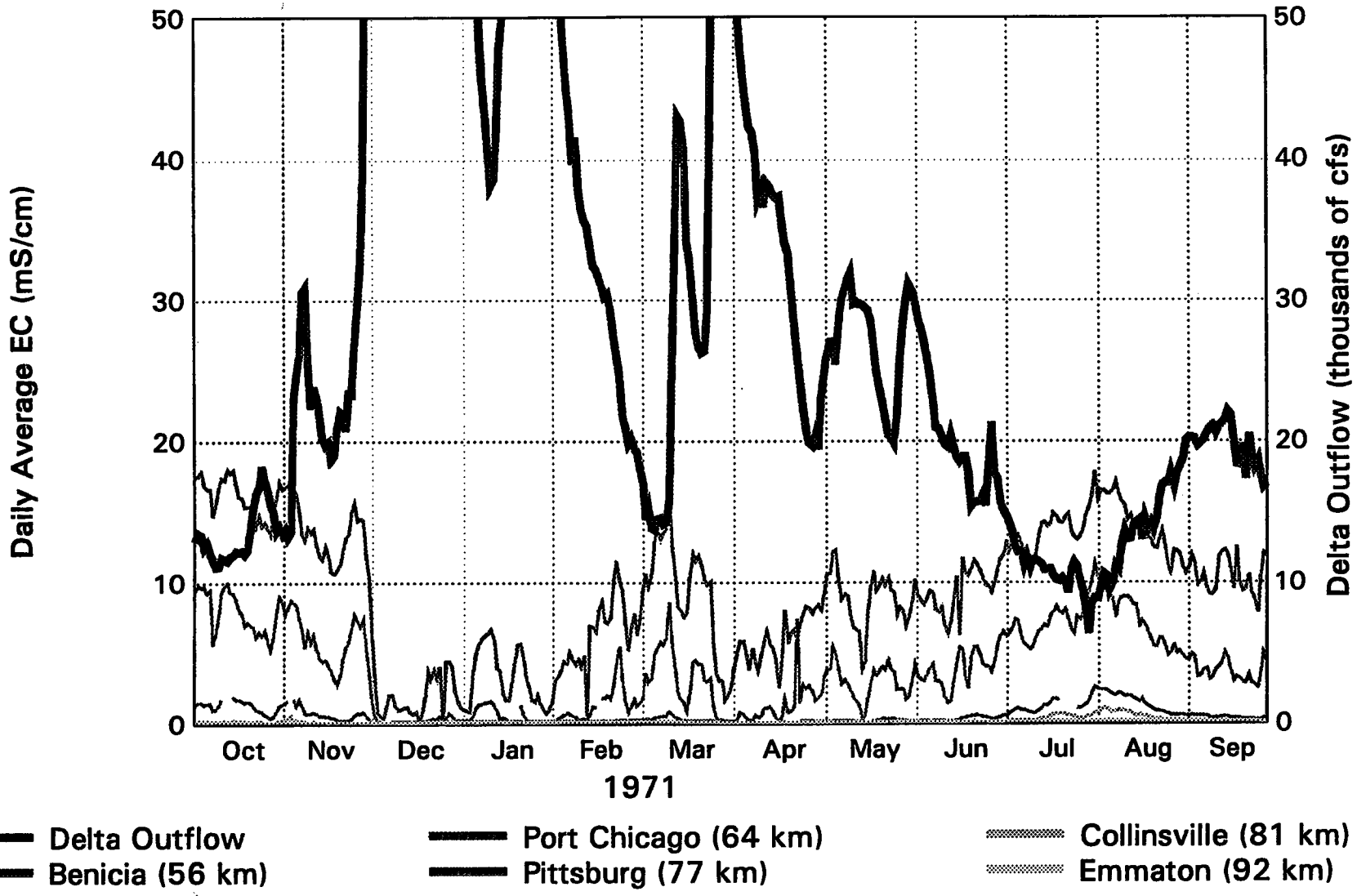
LOCATION OF SALINITY GRADIENT INTERPOLATED FROM DAILY AVERAGE EC MEASUREMENTS AND ESTIMATED X2 POSITION FOR 1969
FIGURE 69B



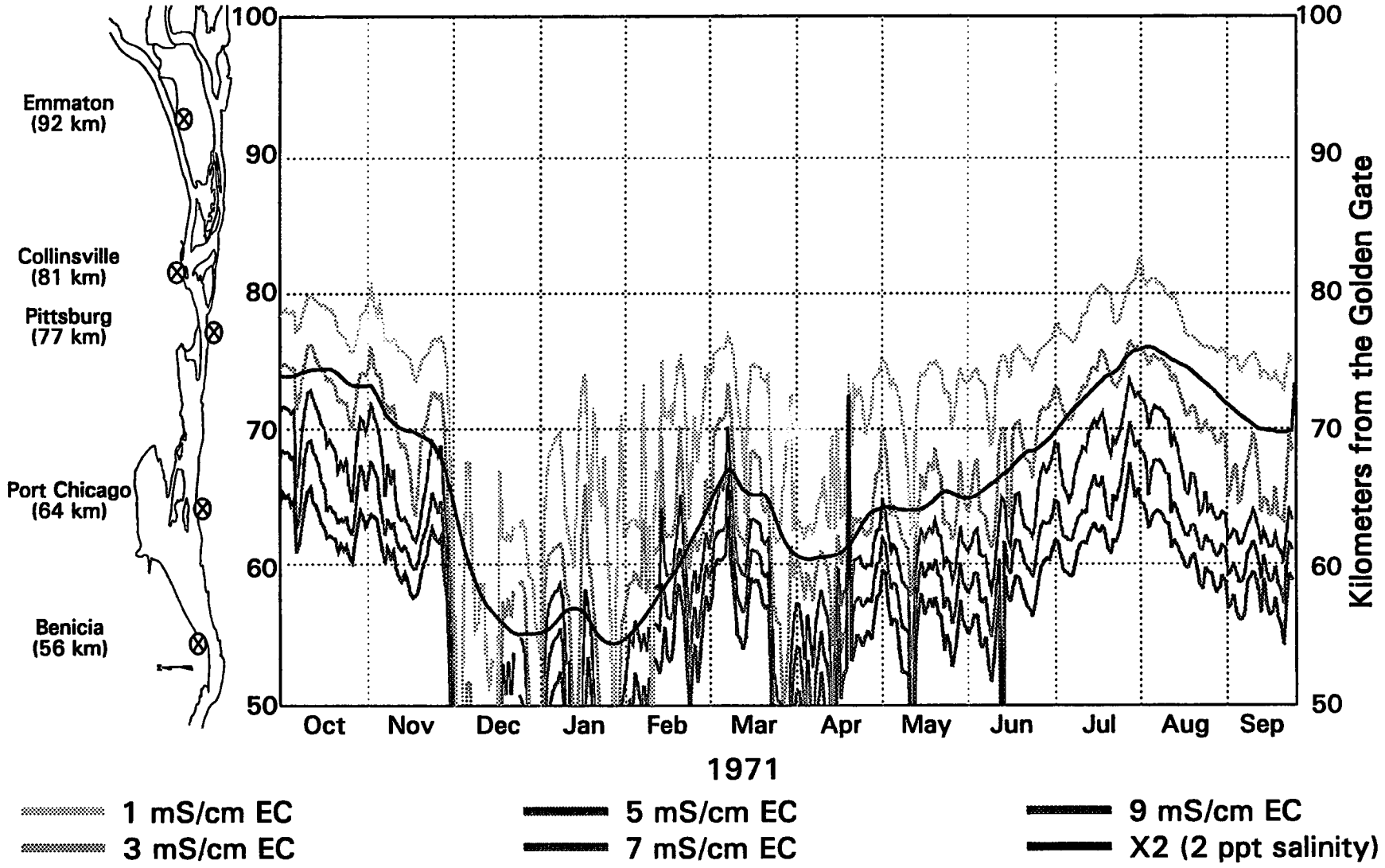
DAILY AVERAGE EC AT SELECTED STATIONS AND DELTA OUTFLOW FOR 1970
FIGURE 70A



LOCATION OF SALINITY GRADIENT INTERPOLATED FROM DAILY AVERAGE EC MEASUREMENTS AND ESTIMATED X2 POSITION FOR 1970
FIGURE 70B

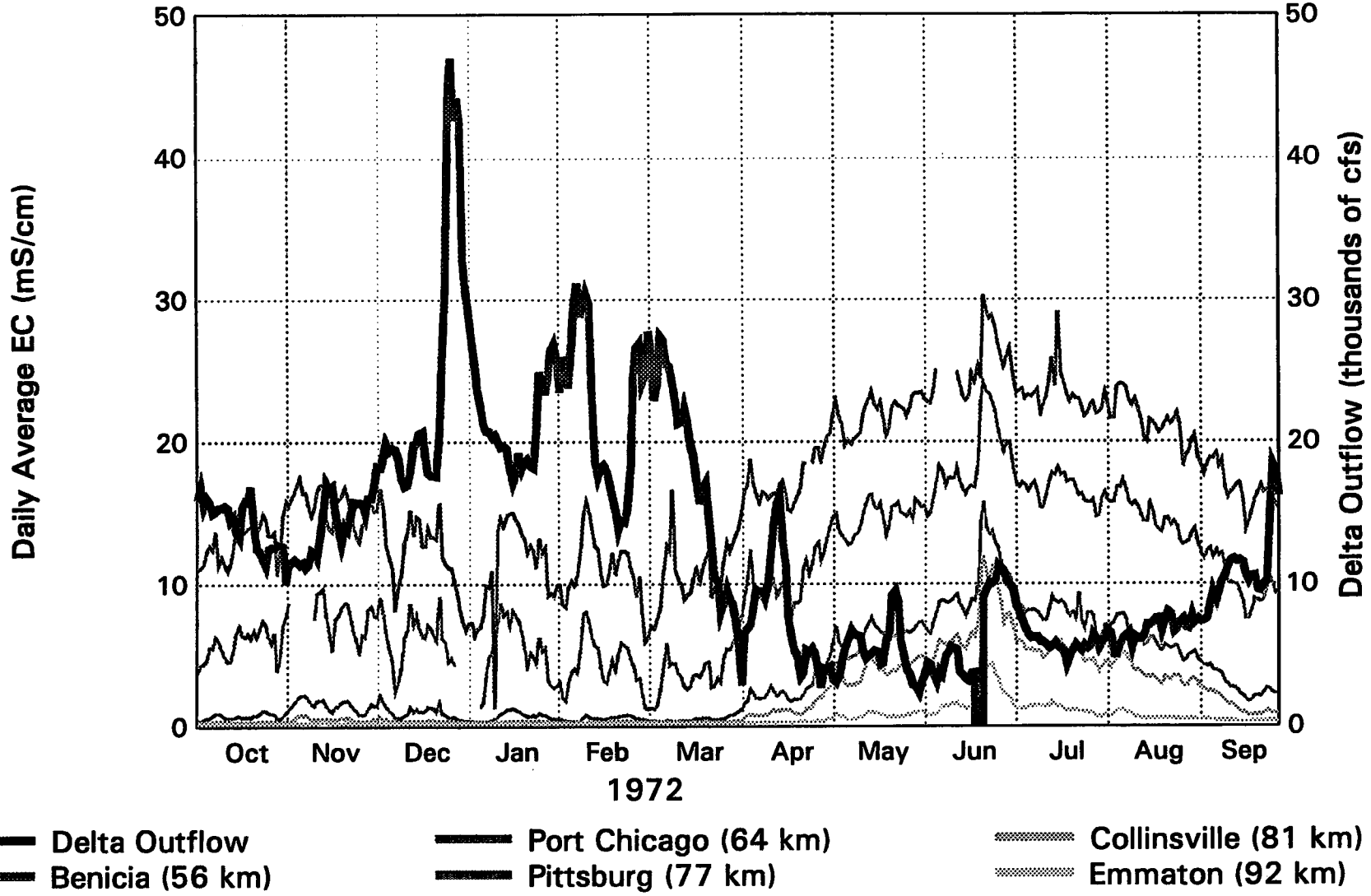


DAILY AVERAGE EC AT SELECTED STATIONS AND DELTA OUTFLOW FOR 1971
FIGURE 71A

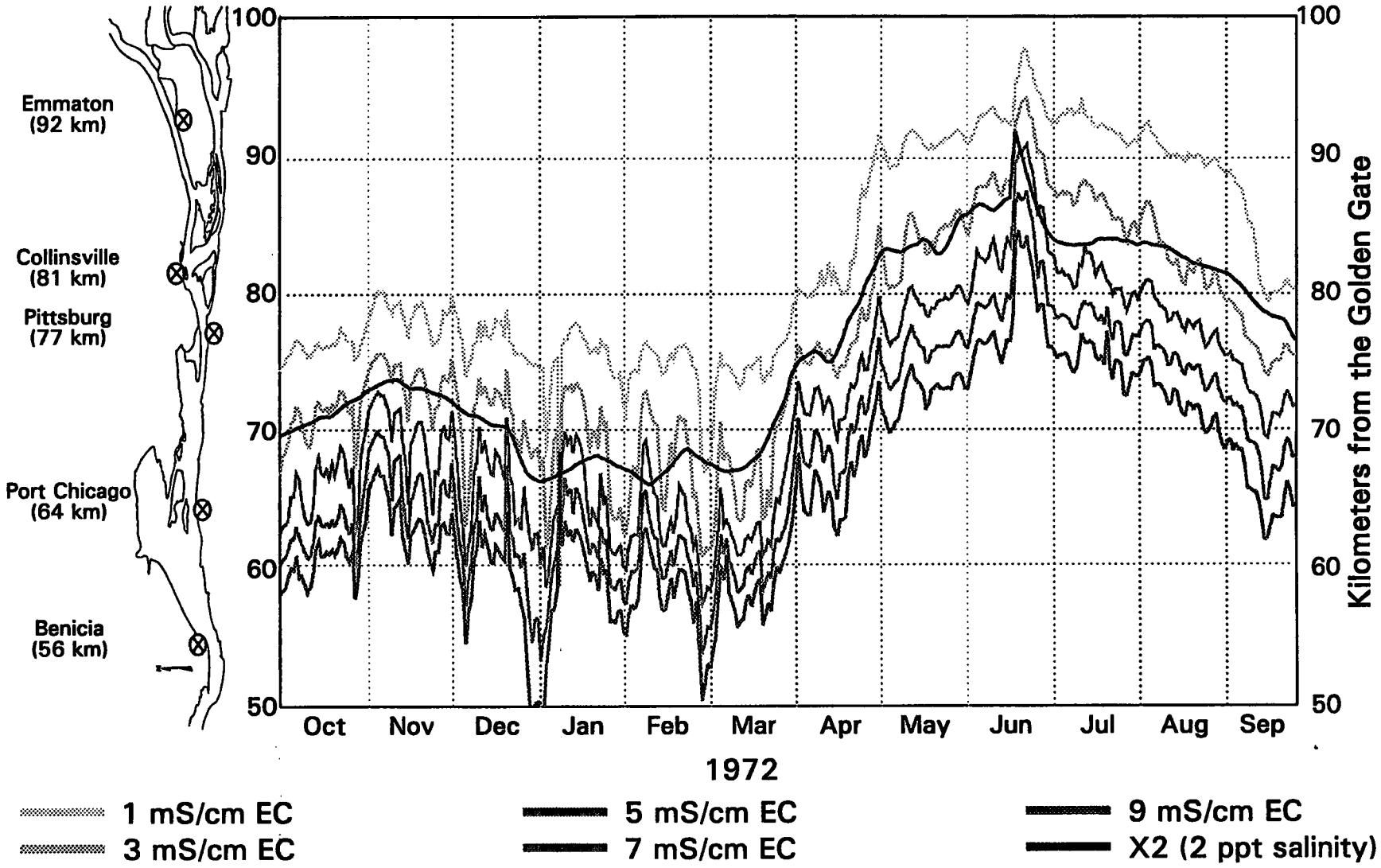


LOCATION OF SALINITY GRADIENT INTERPOLATED FROM DAILY AVERAGE EC MEASUREMENTS AND ESTIMATED X2 POSITION FOR 1971

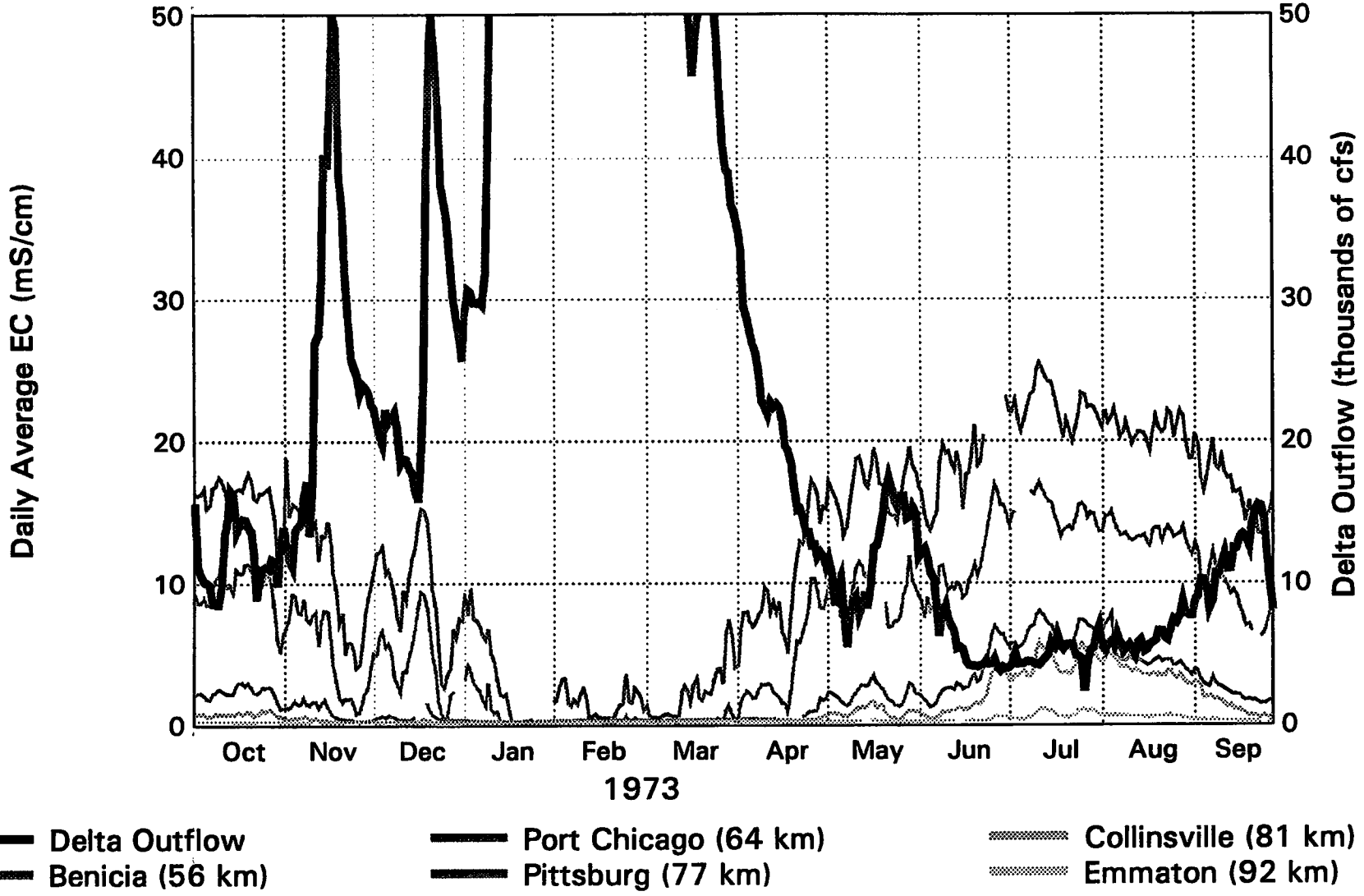
FIGURE 71B



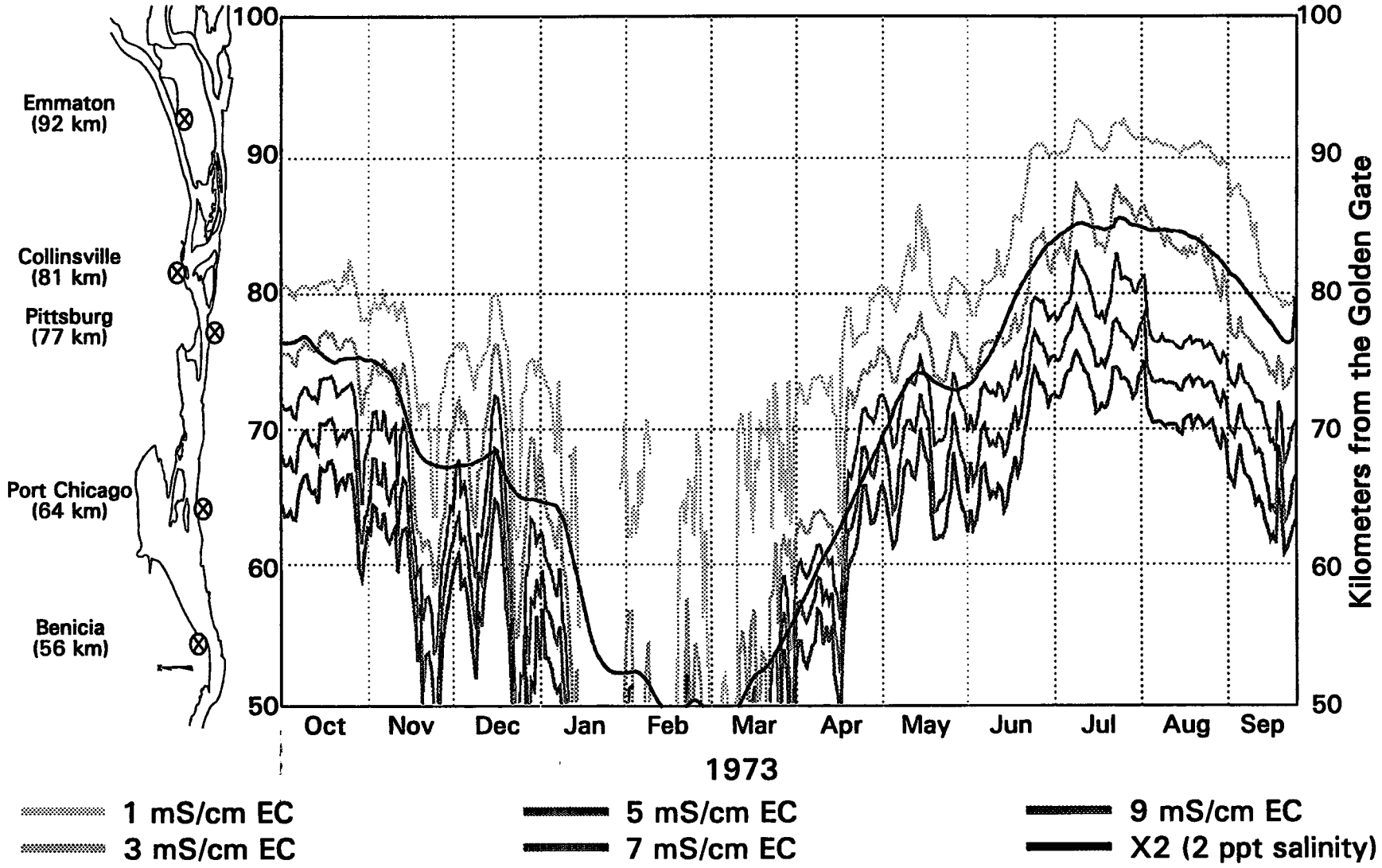
DAILY AVERAGE EC AT SELECTED STATIONS AND DELTA OUTFLOW FOR 1972
FIGURE 72A



LOCATION OF SALINITY GRADIENT INTERPOLATED FROM DAILY AVERAGE EC MEASUREMENTS AND ESTIMATED X2 POSITION FOR 1972
FIGURE 72B

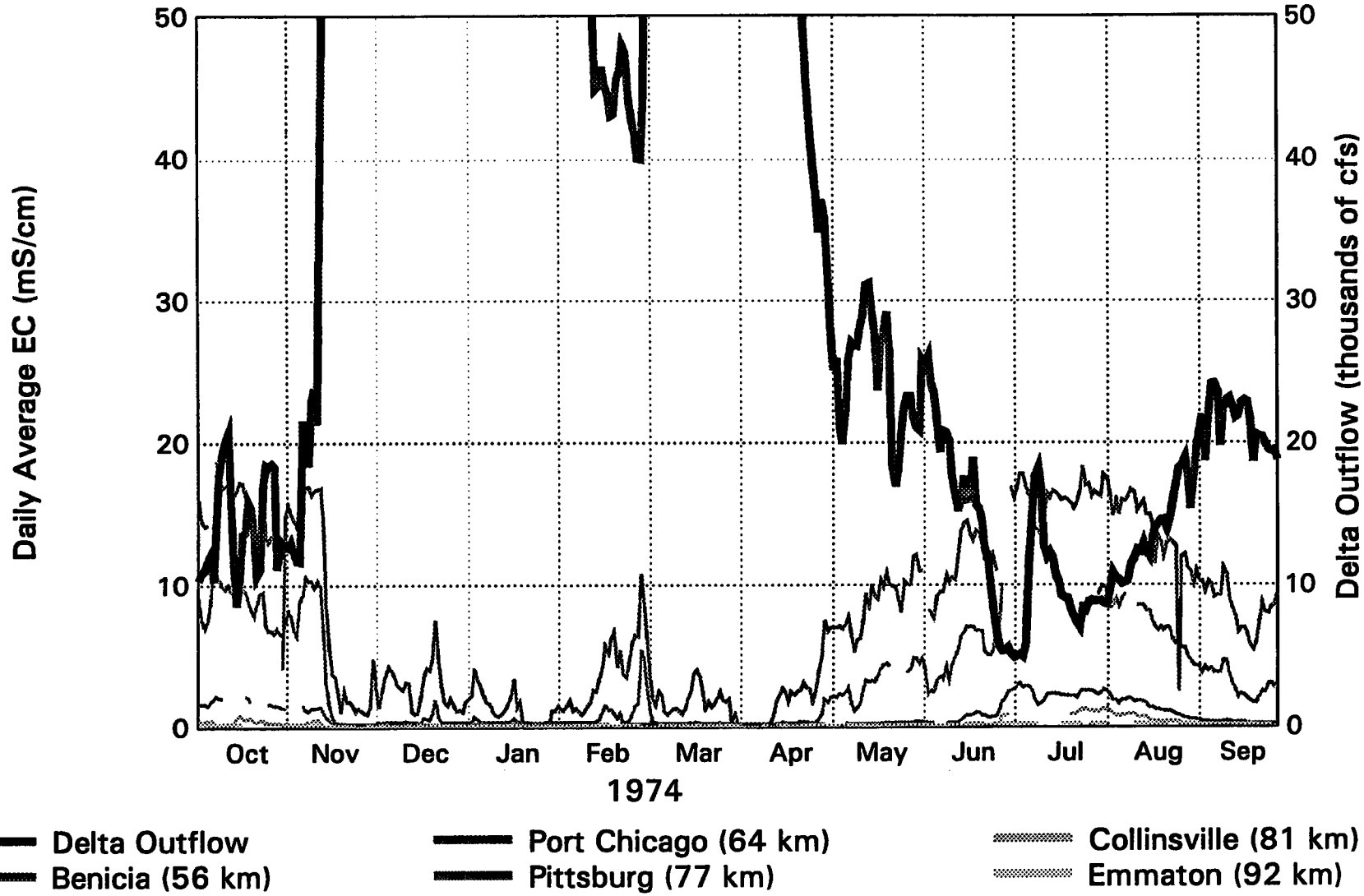


DAILY AVERAGE EC AT SELECTED STATIONS AND DELTA OUTFLOW FOR 1973
FIGURE 73A

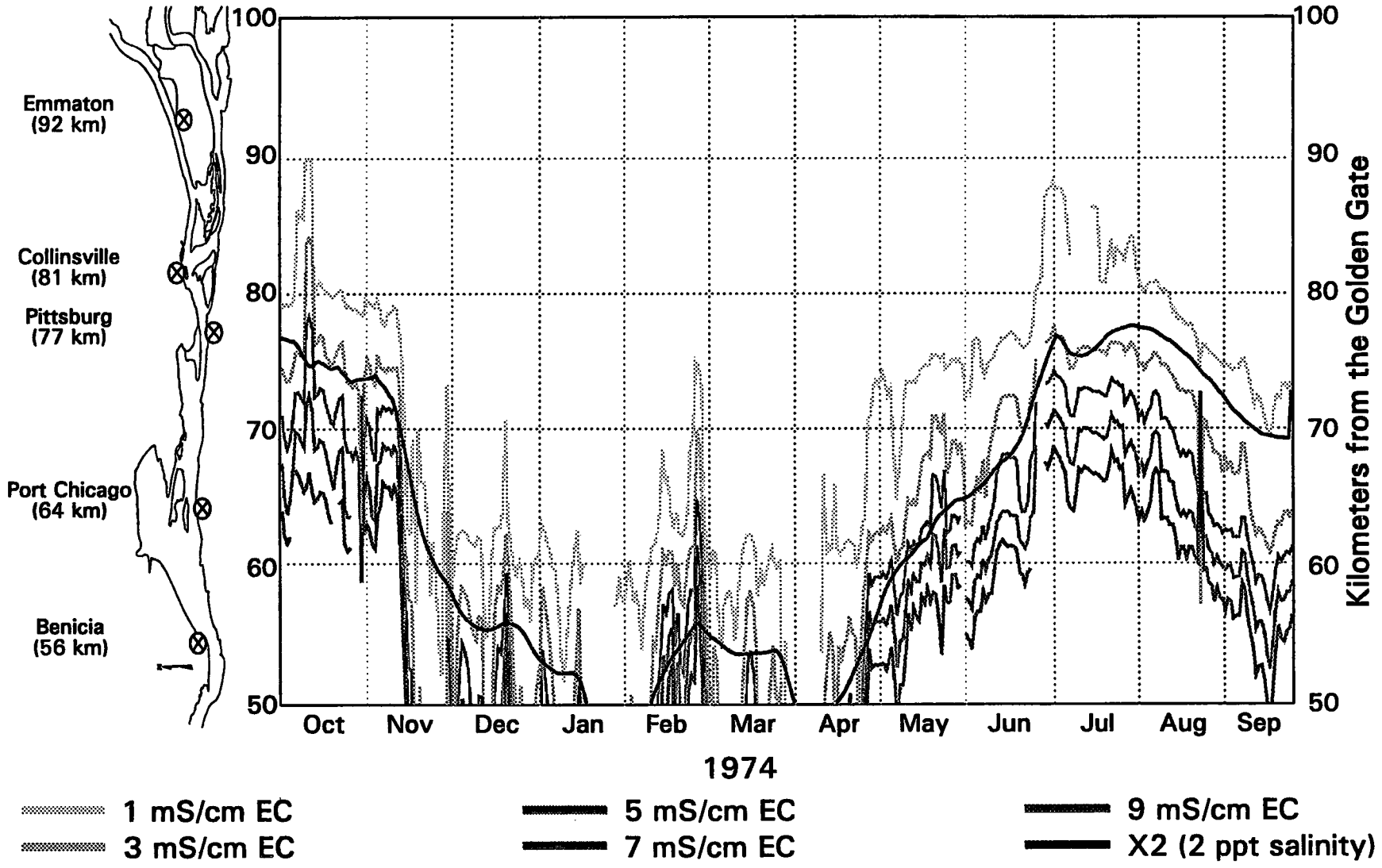


LOCATION OF SALINITY GRADIENT INTERPOLATED FROM DAILY AVERAGE EC MEASUREMENTS AND ESTIMATED X2 POSITION FOR 1973

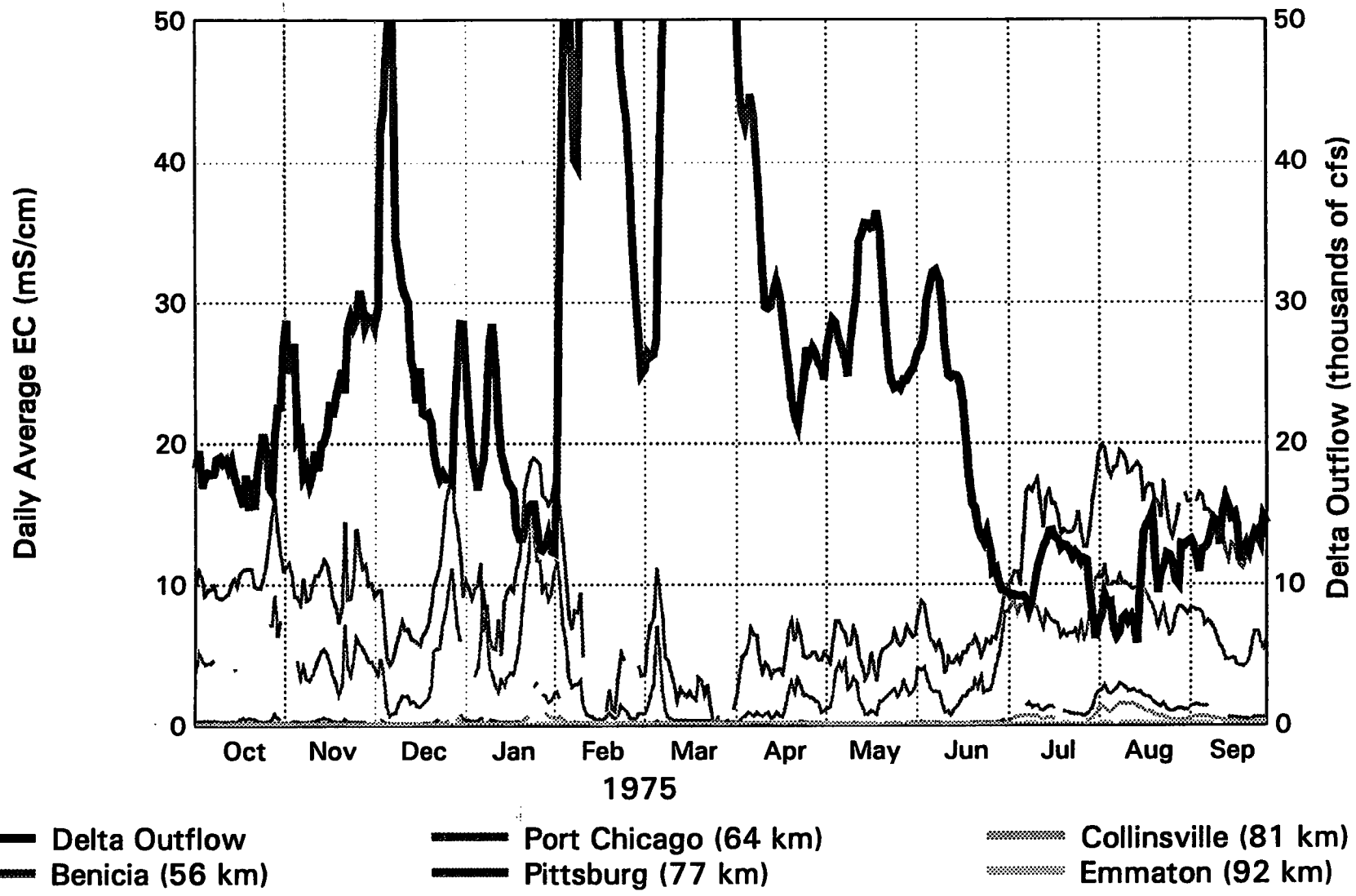
FIGURE 73B



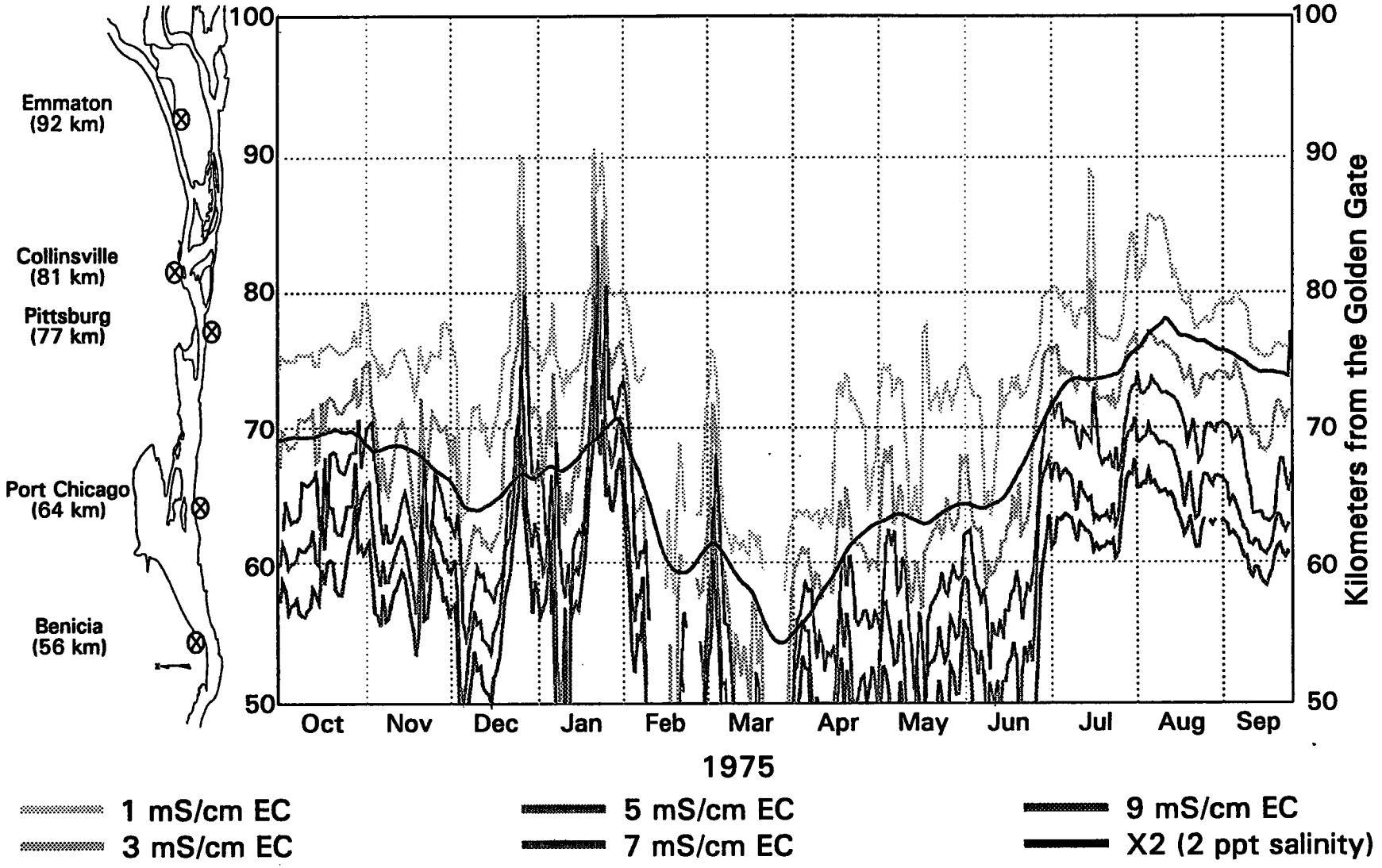
DAILY AVERAGE EC AT SELECTED STATIONS AND DELTA OUTFLOW FOR 1974
FIGURE 74A



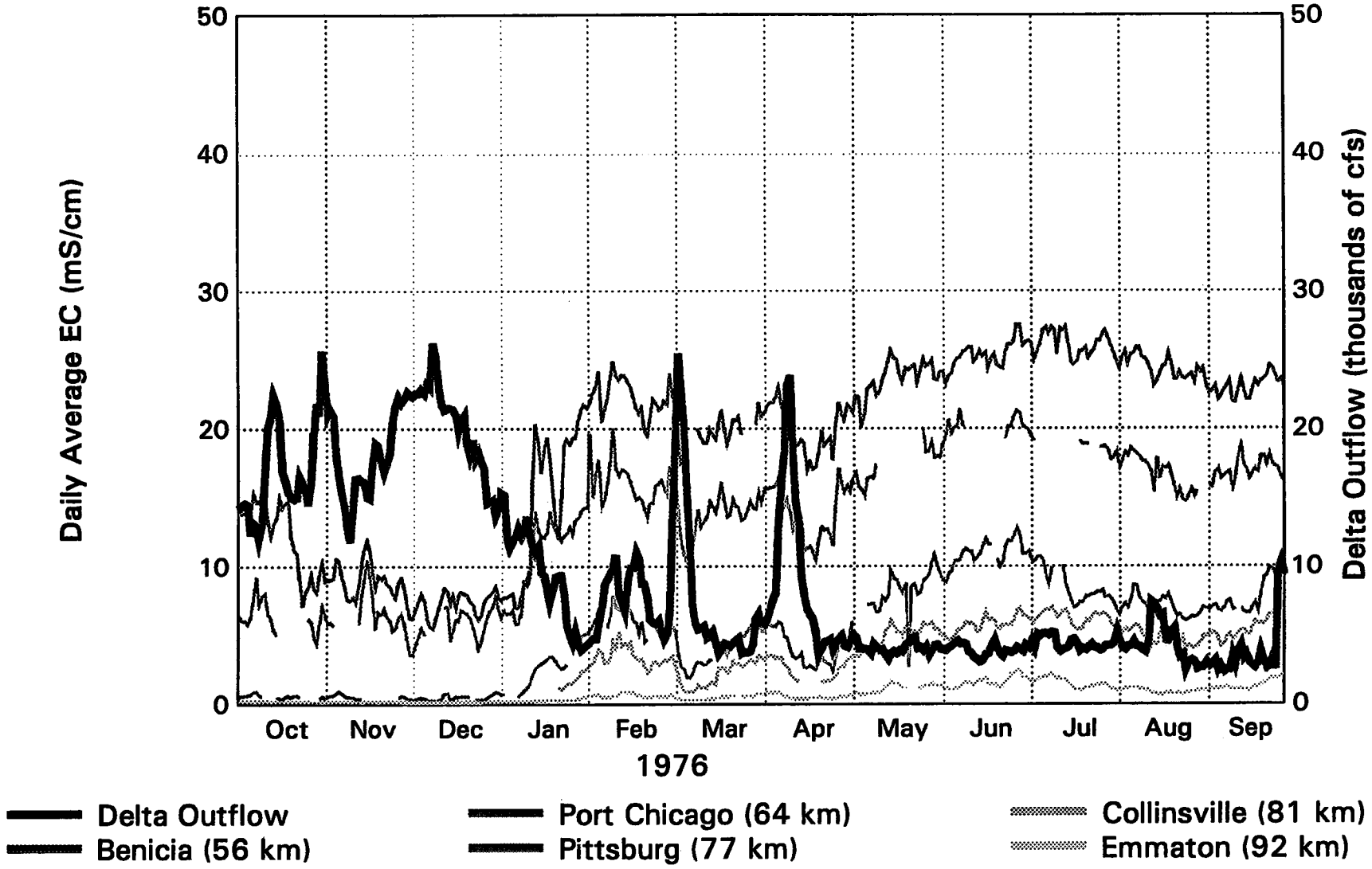
LOCATION OF SALINITY GRADIENT INTERPOLATED FROM DAILY AVERAGE EC MEASUREMENTS AND ESTIMATED X2 POSITION FOR 1974
FIGURE 74B



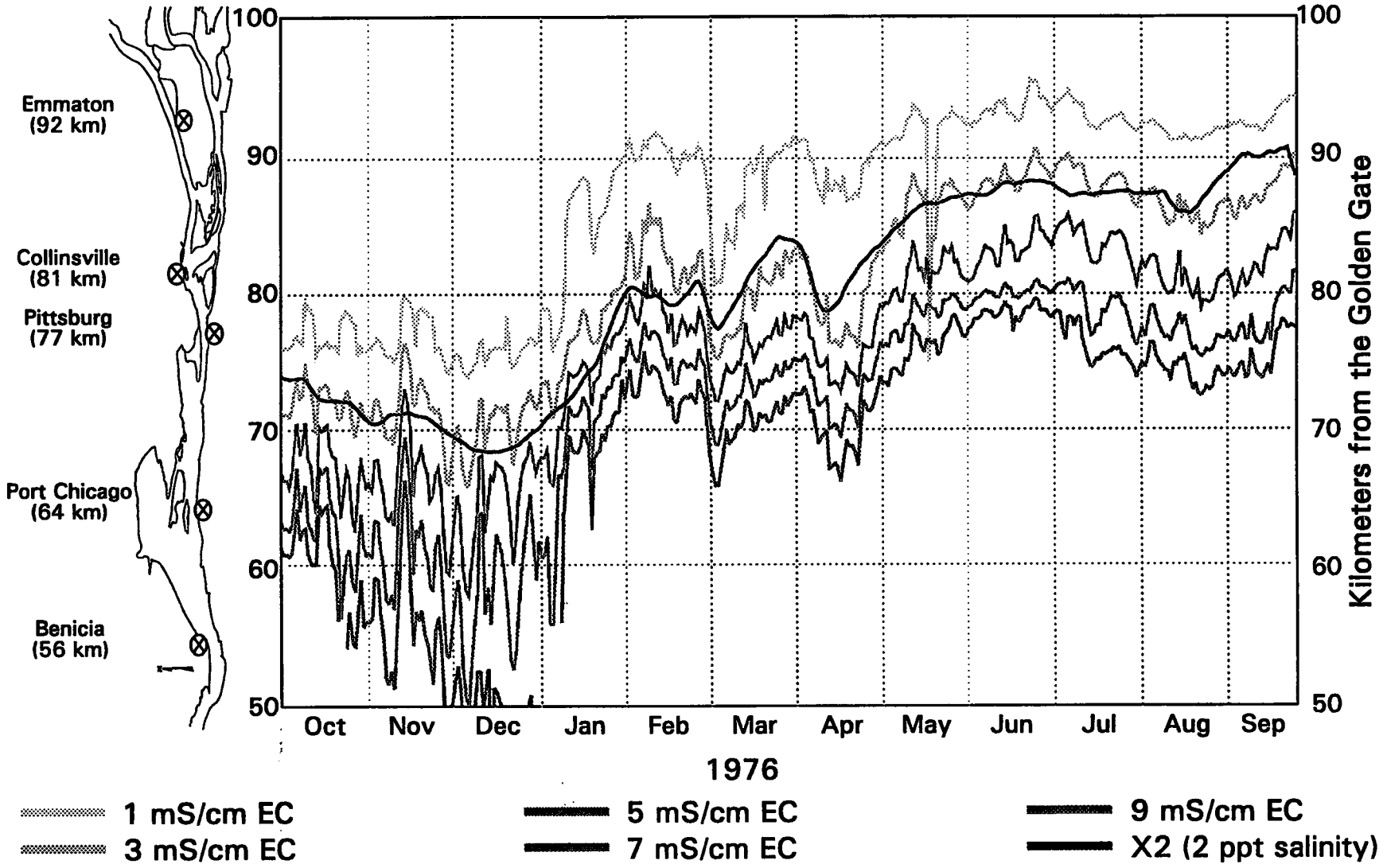
DAILY AVERAGE EC AT SELECTED STATIONS AND DELTA OUTFLOW FOR 1975
FIGURE 75A



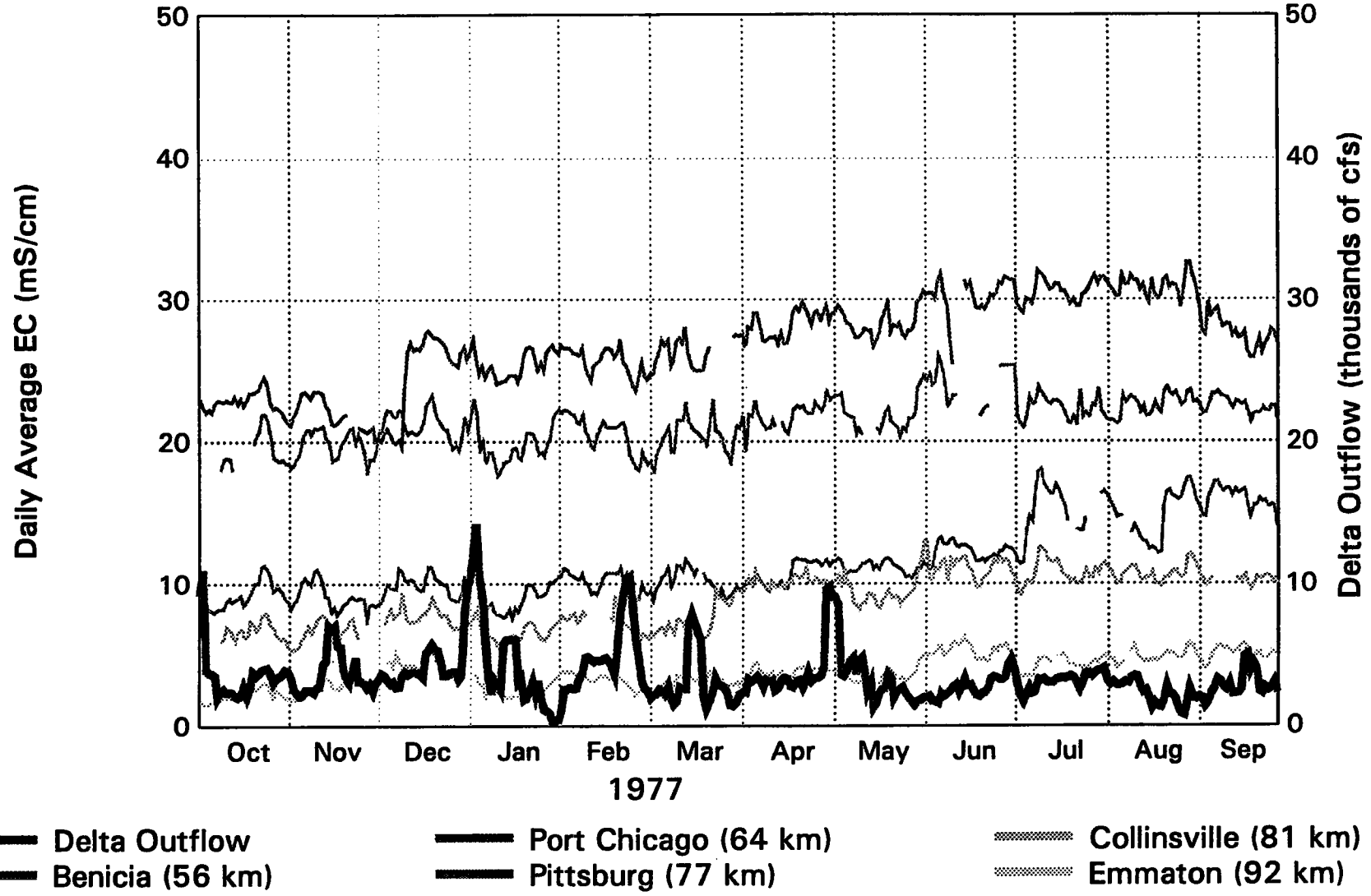
LOCATION OF SALINITY GRADIENT INTERPOLATED FROM DAILY AVERAGE EC MEASUREMENTS AND ESTIMATED X2 POSITION FOR 1975
FIGURE 75B



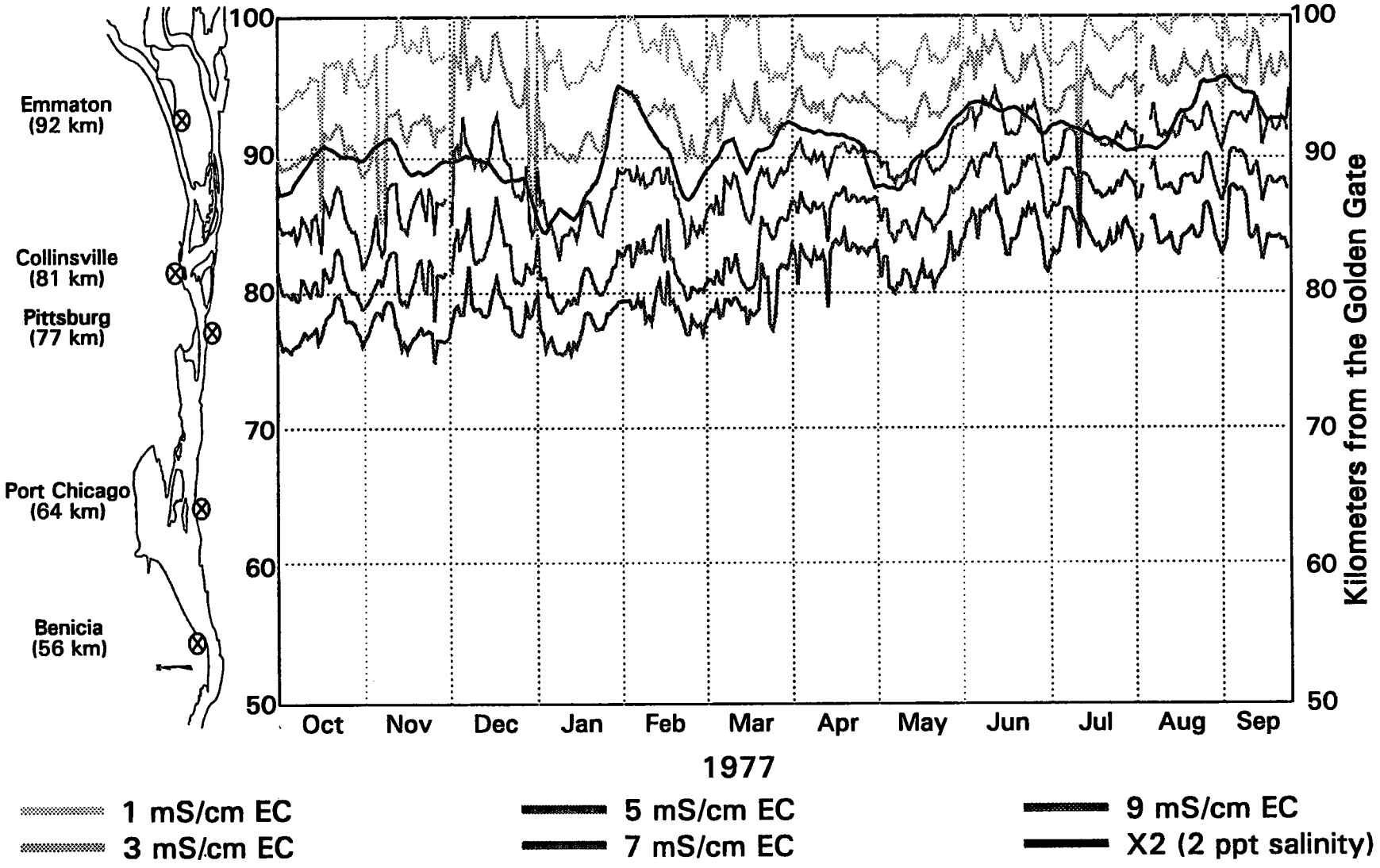
DAILY AVERAGE EC AT SELECTED STATIONS AND DELTA OUTFLOW FOR 1976
FIGURE 76A



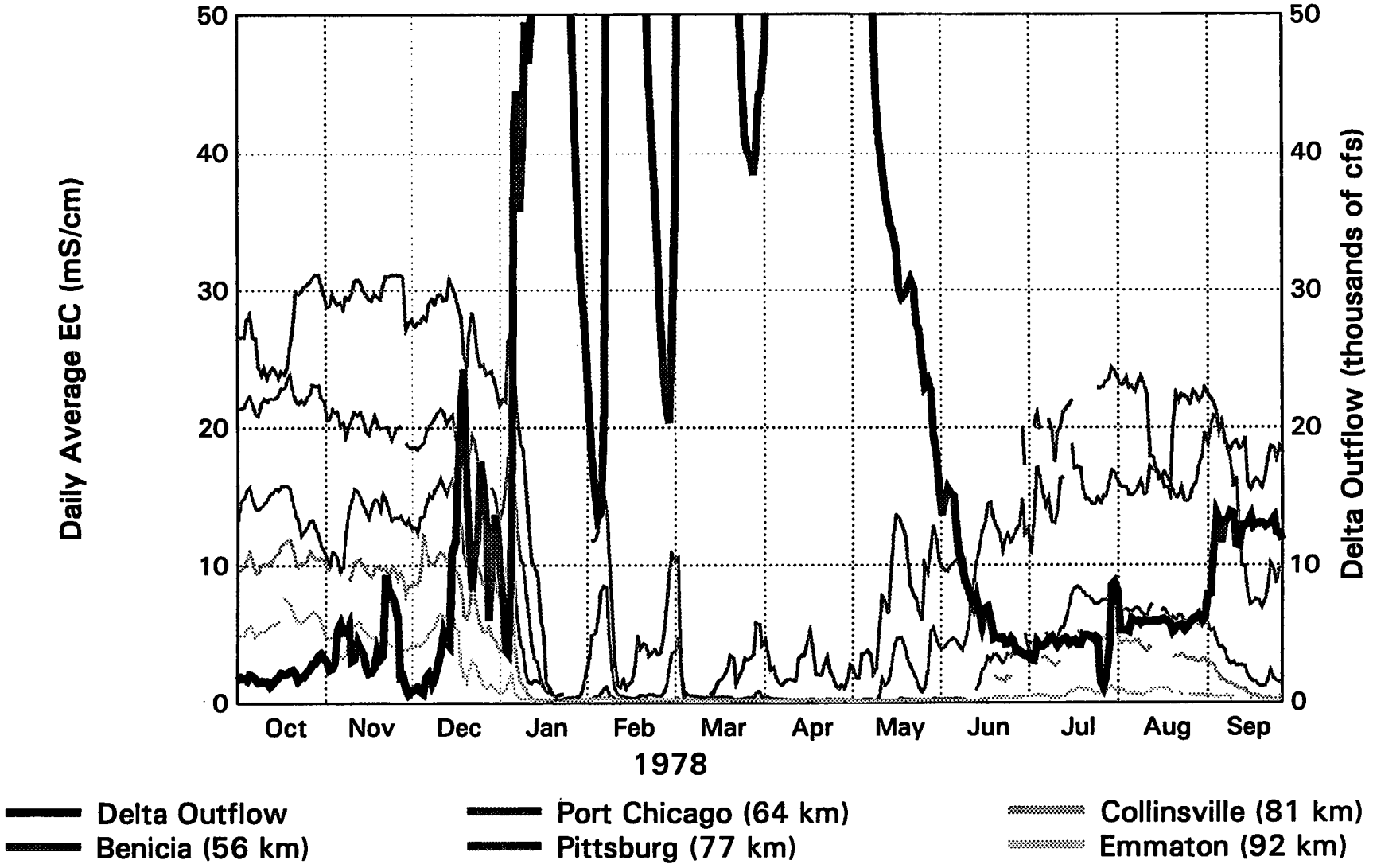
LOCATION OF SALINITY GRADIENT INTERPOLATED FROM DAILY AVERAGE EC MEASUREMENTS AND ESTIMATED X2 POSITION FOR 1976
FIGURE 76B



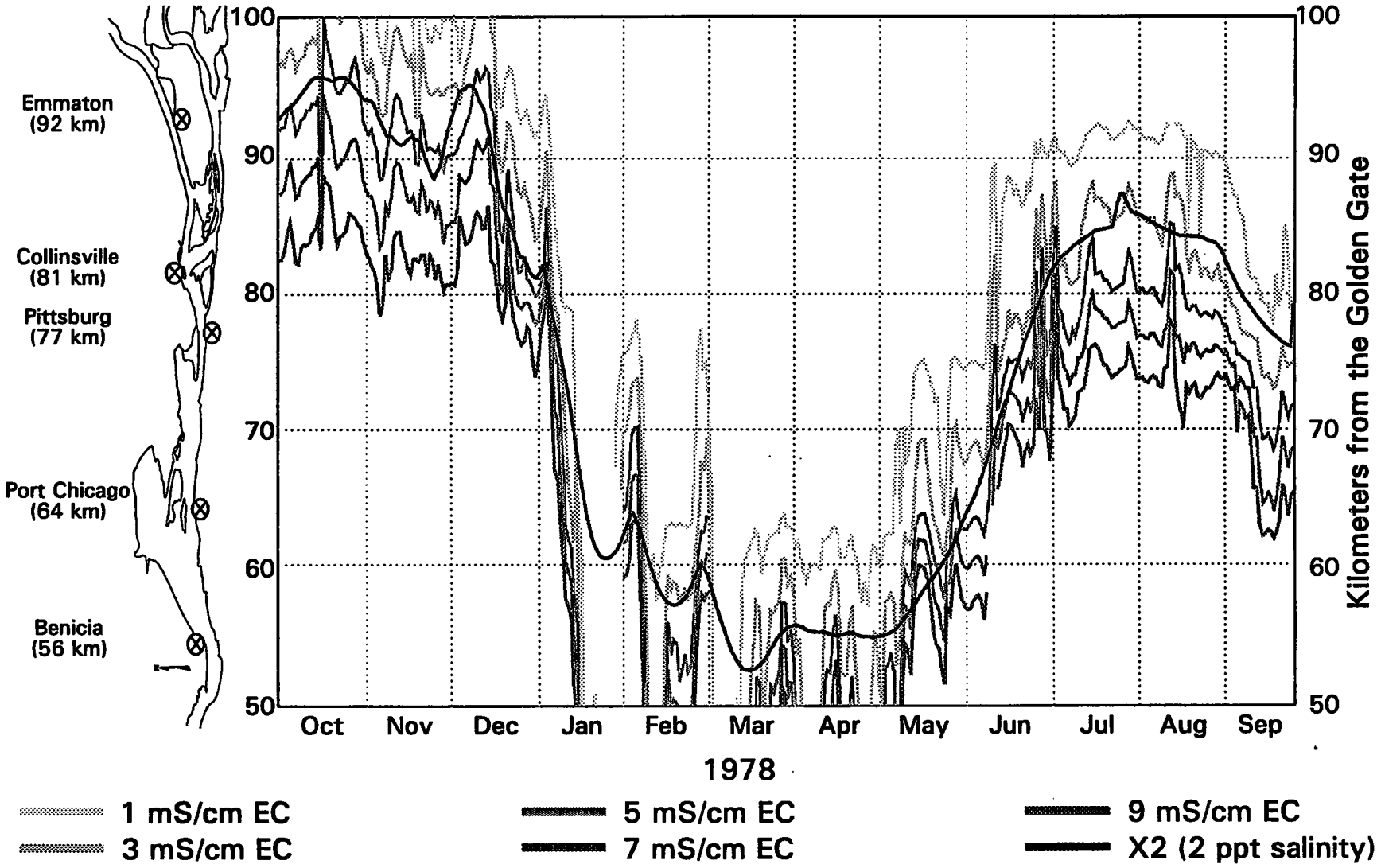
DAILY AVERAGE EC AT SELECTED STATIONS AND DELTA OUTFLOW FOR 1977
FIGURE 77A



LOCATION OF SALINITY GRADIENT INTERPOLATED FROM DAILY AVERAGE EC MEASUREMENTS AND ESTIMATED X2 POSITION FOR 1977
FIGURE 77B

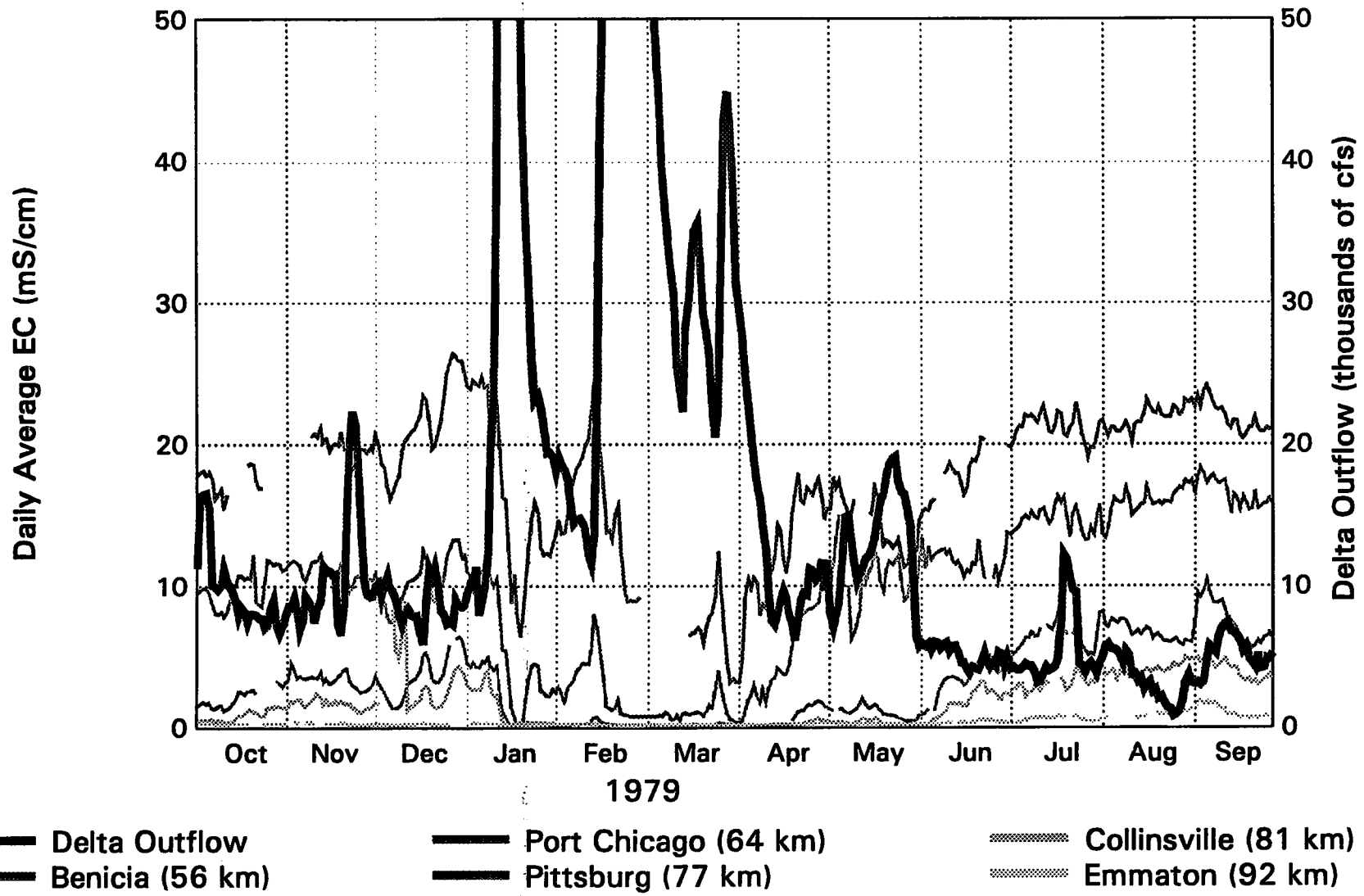


DAILY AVERAGE EC AT SELECTED STATIONS AND DELTA OUTFLOW FOR 1978
FIGURE 78A

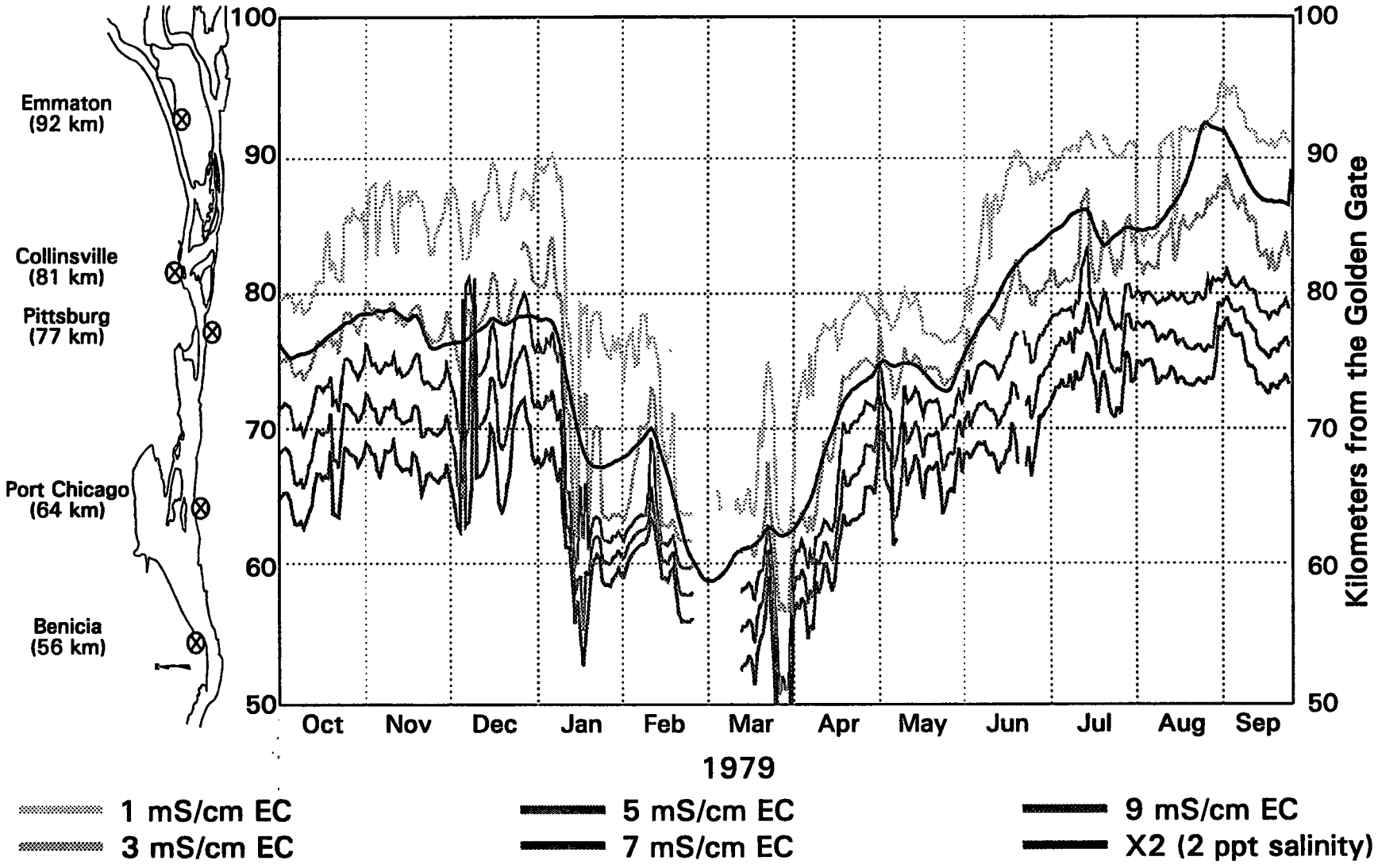


LOCATION OF SALINITY GRADIENT INTERPOLATED FROM DAILY AVERAGE EC MEASUREMENTS AND ESTIMATED X2 POSITION FOR 1978

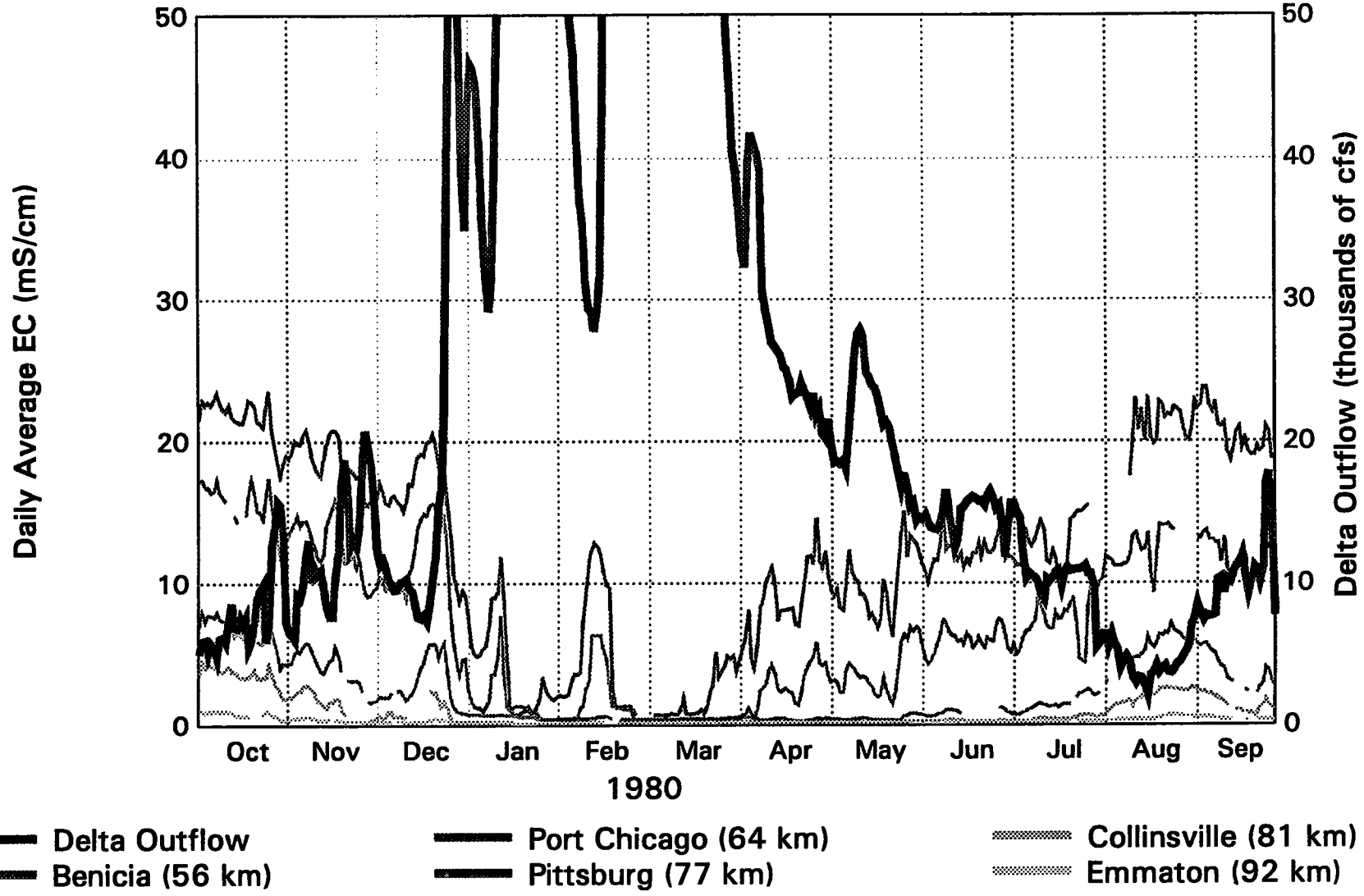
FIGURE 78B



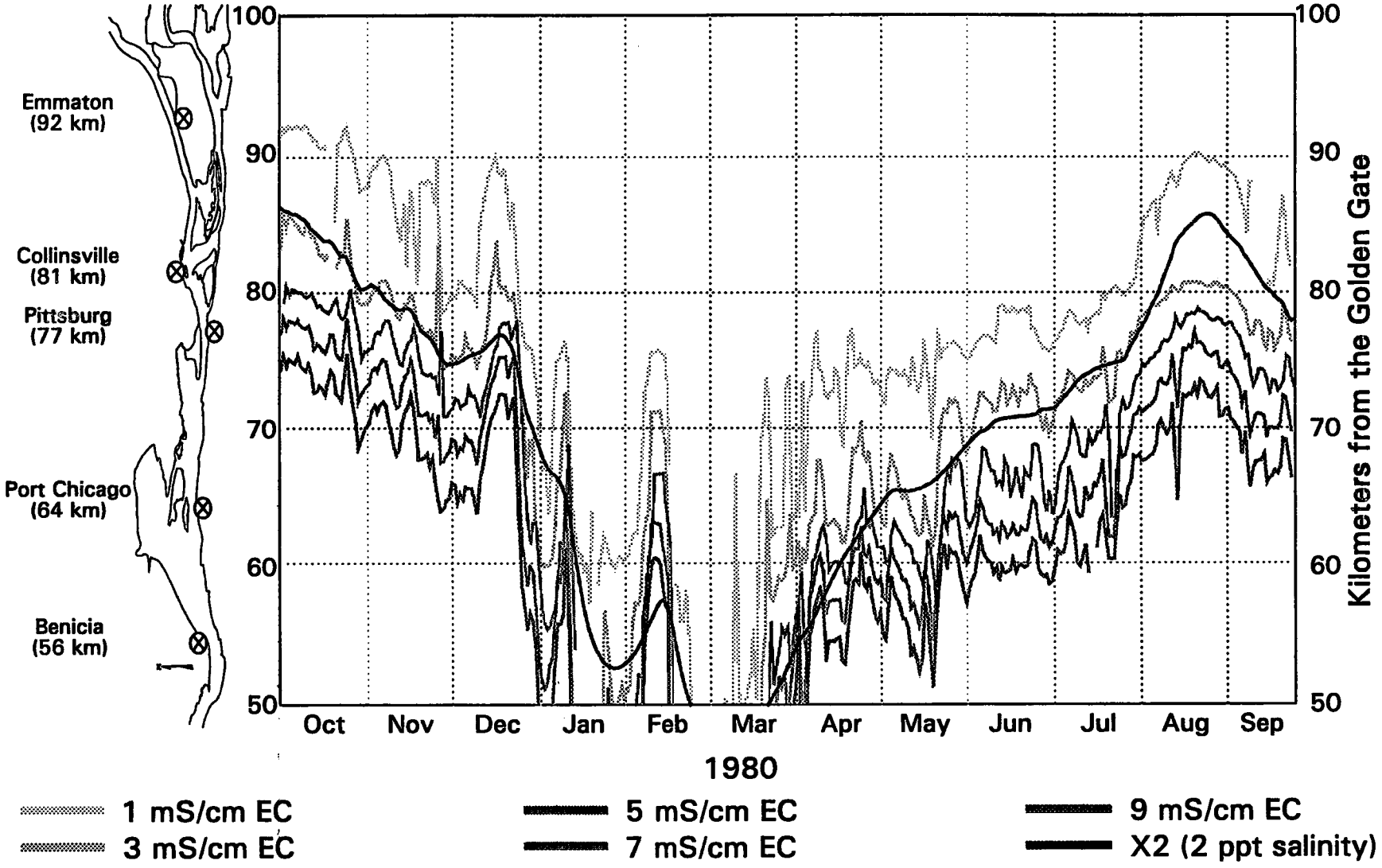
DAILY AVERAGE EC AT SELECTED STATIONS AND DELTA OUTFLOW FOR 1979
FIGURE 79A



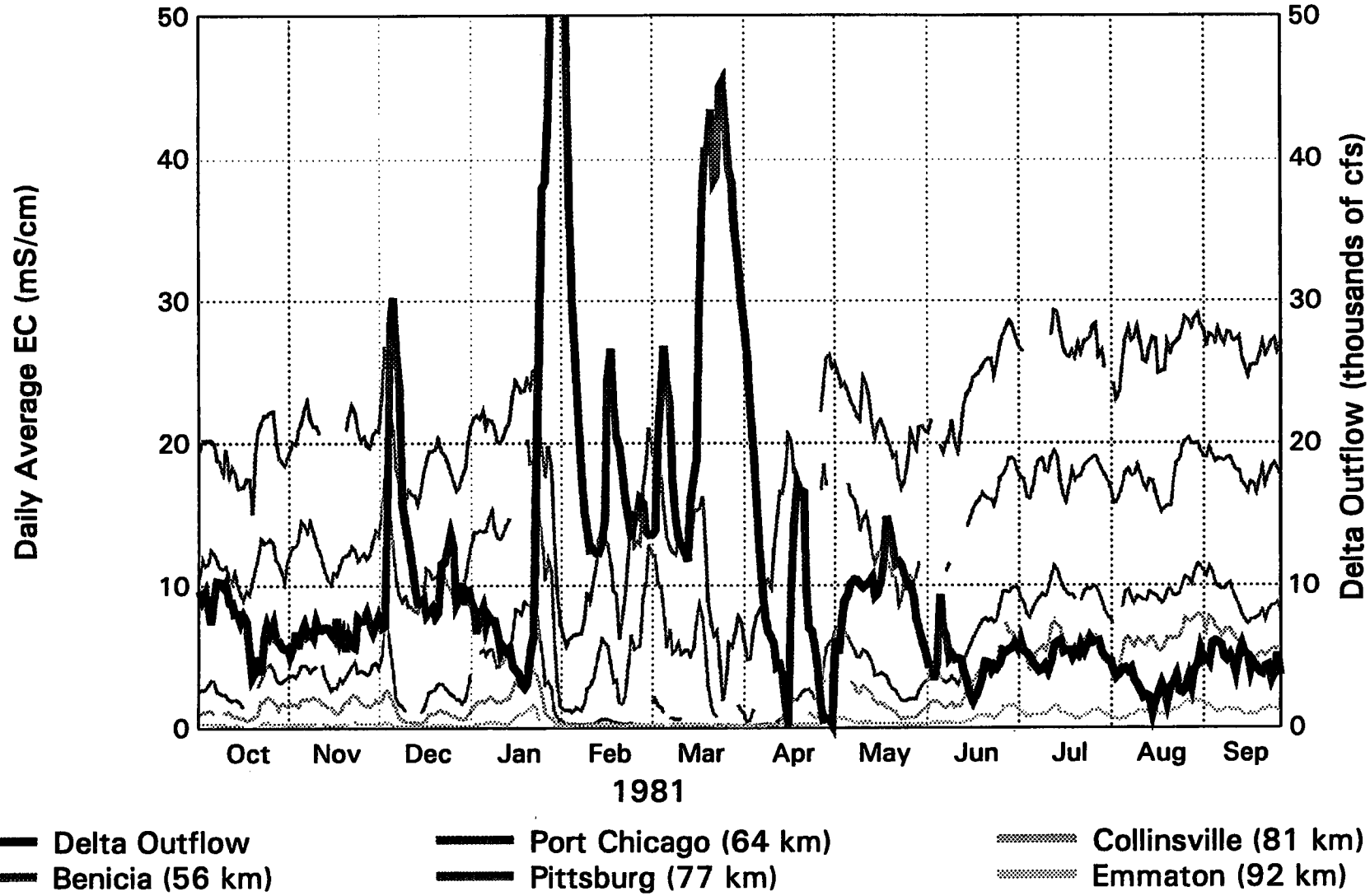
LOCATION OF SALINITY GRADIENT INTERPOLATED FROM DAILY AVERAGE EC MEASUREMENTS AND ESTIMATED X2 POSITION FOR 1979
FIGURE 79B



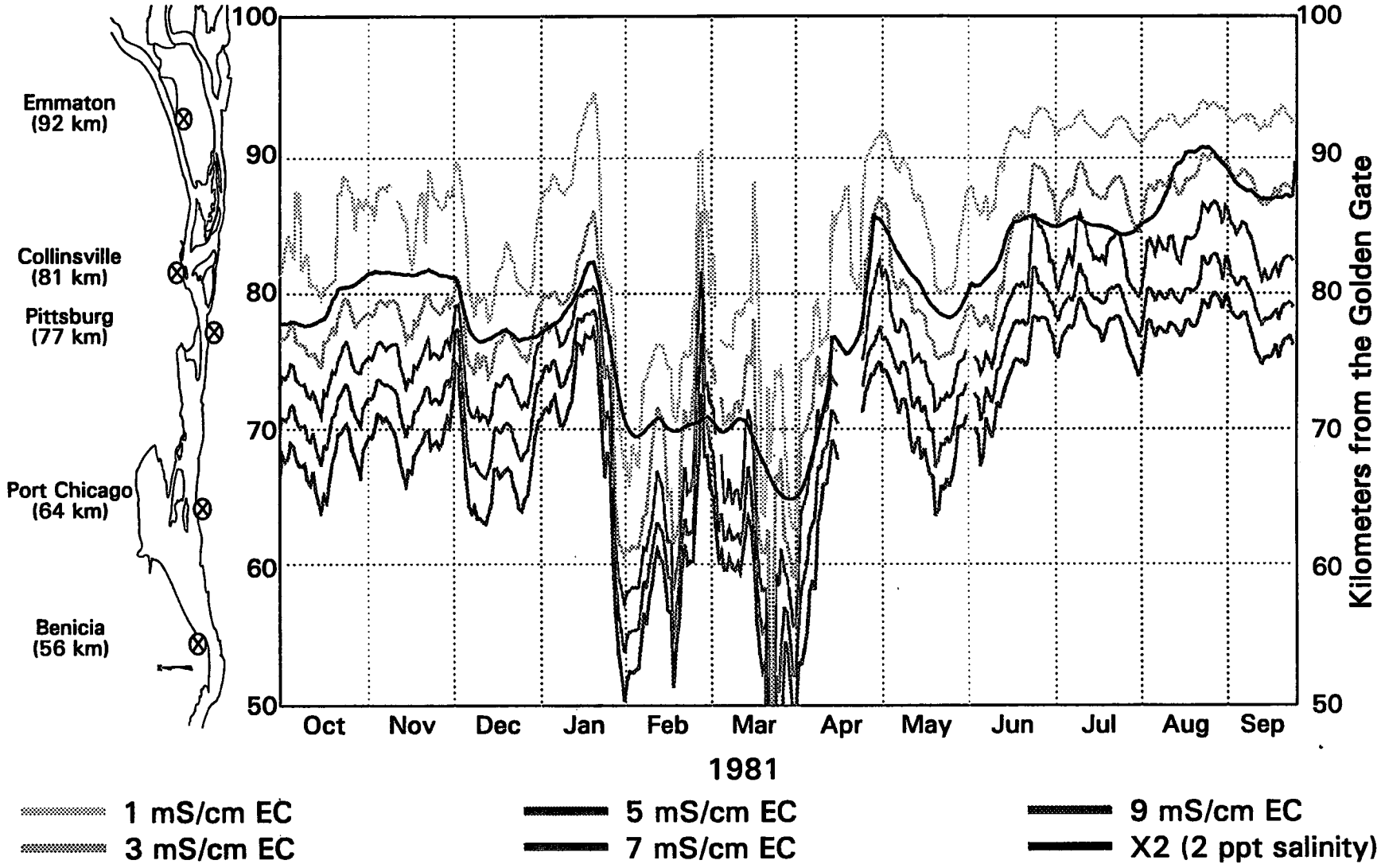
DAILY AVERAGE EC AT SELECTED STATIONS AND DELTA OUTFLOW FOR 1980
FIGURE 80A



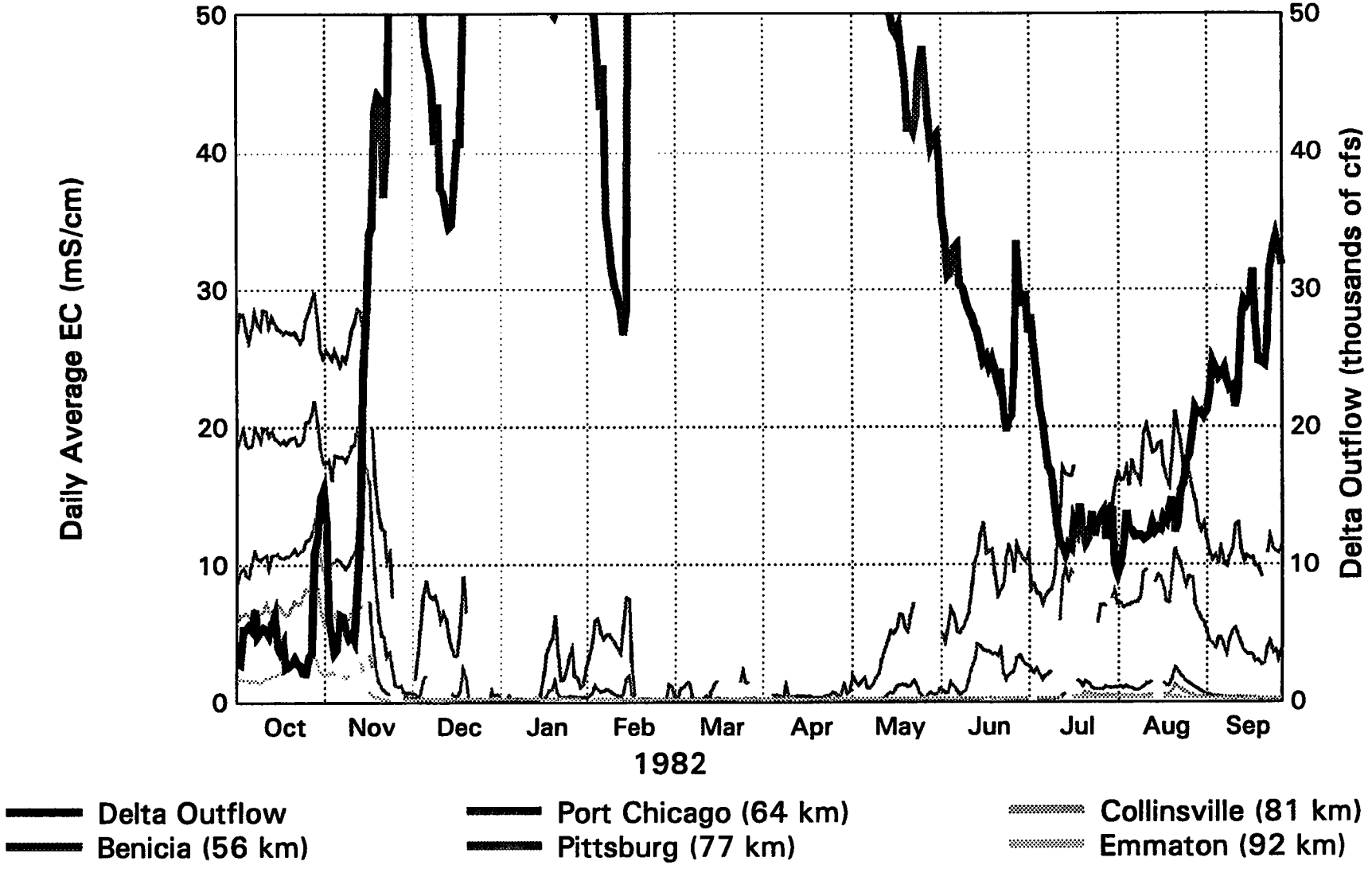
LOCATION OF SALINITY GRADIENT INTERPOLATED FROM DAILY AVERAGE EC MEASUREMENTS AND ESTIMATED X2 POSITION FOR 1980
FIGURE 80B



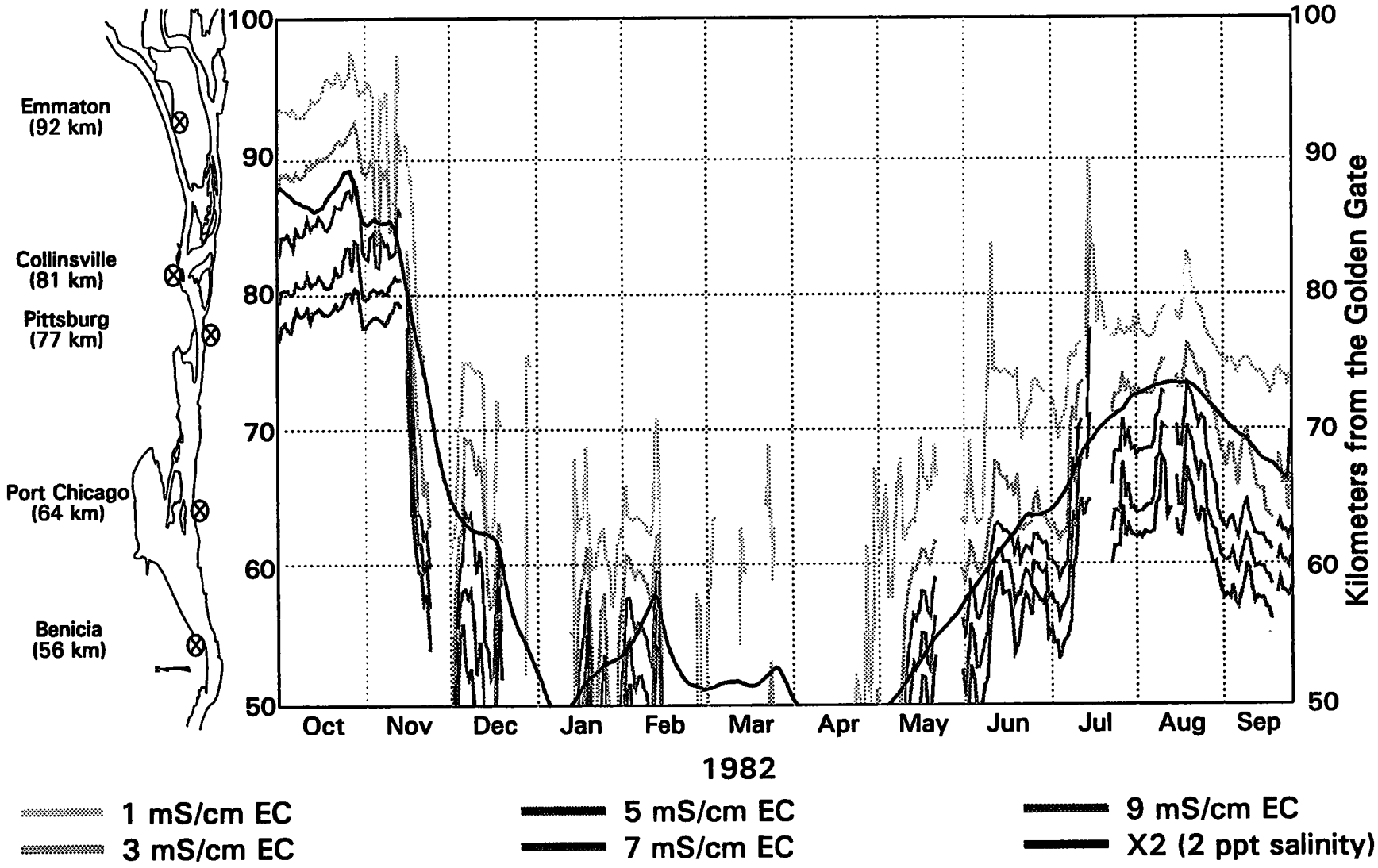
DAILY AVERAGE EC AT SELECTED STATIONS AND DELTA OUTFLOW FOR 1981
FIGURE 81A



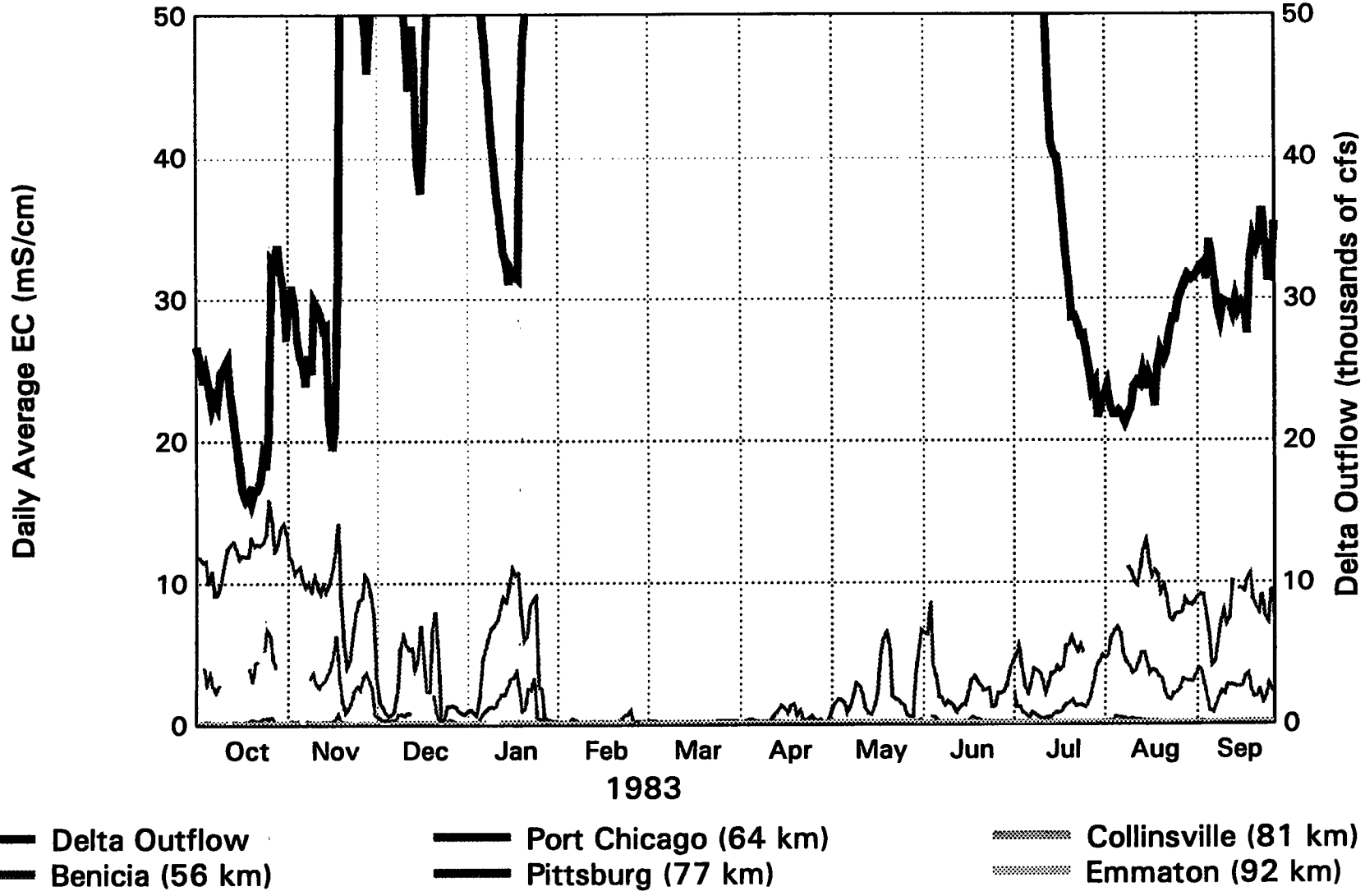
LOCATION OF SALINITY GRADIENT INTERPOLATED FROM DAILY AVERAGE EC MEASUREMENTS AND ESTIMATED X2 POSITION FOR 1981
FIGURE 81B



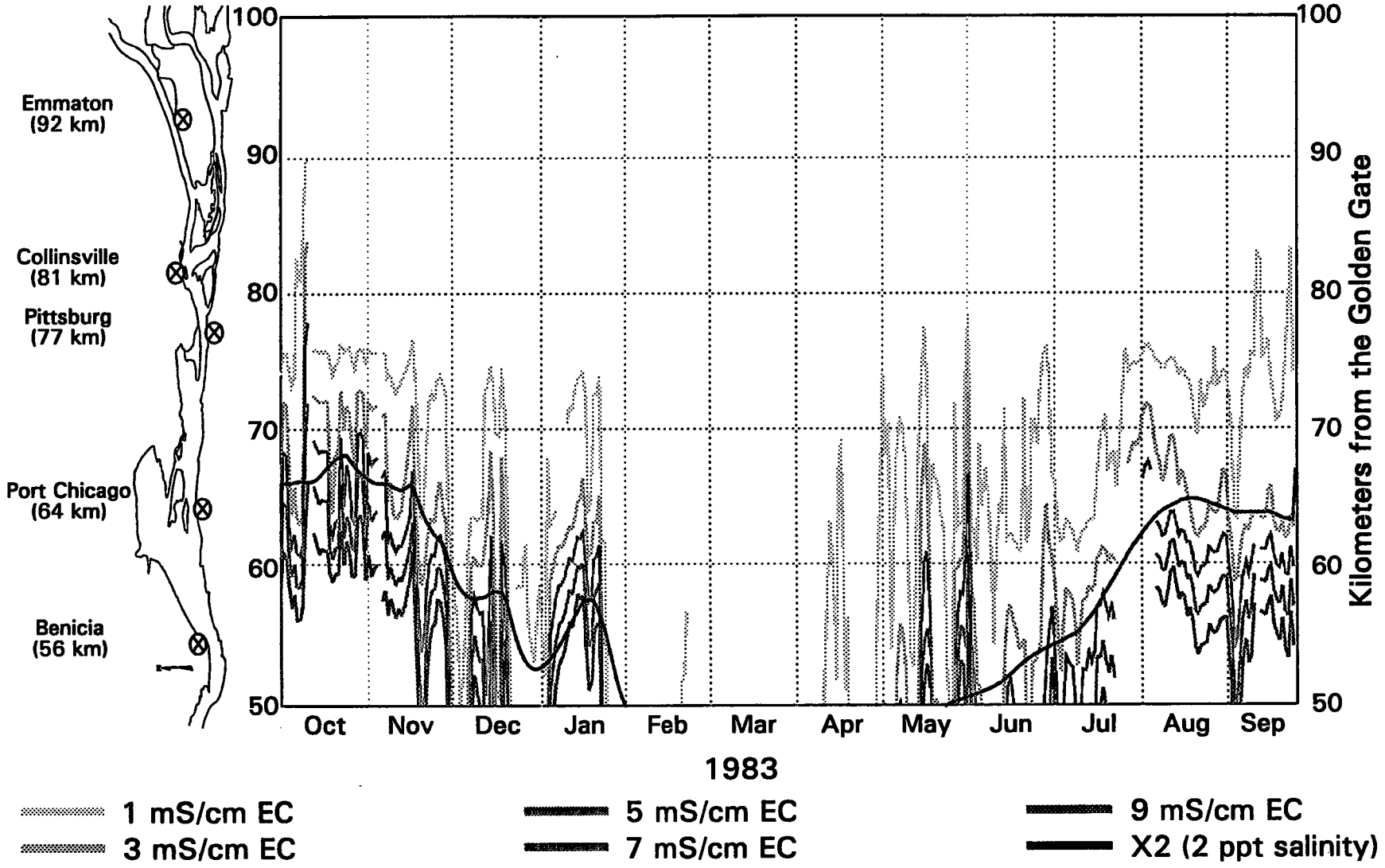
DAILY AVERAGE EC AT SELECTED STATIONS AND DELTA OUTFLOW FOR 1982
FIGURE 82A



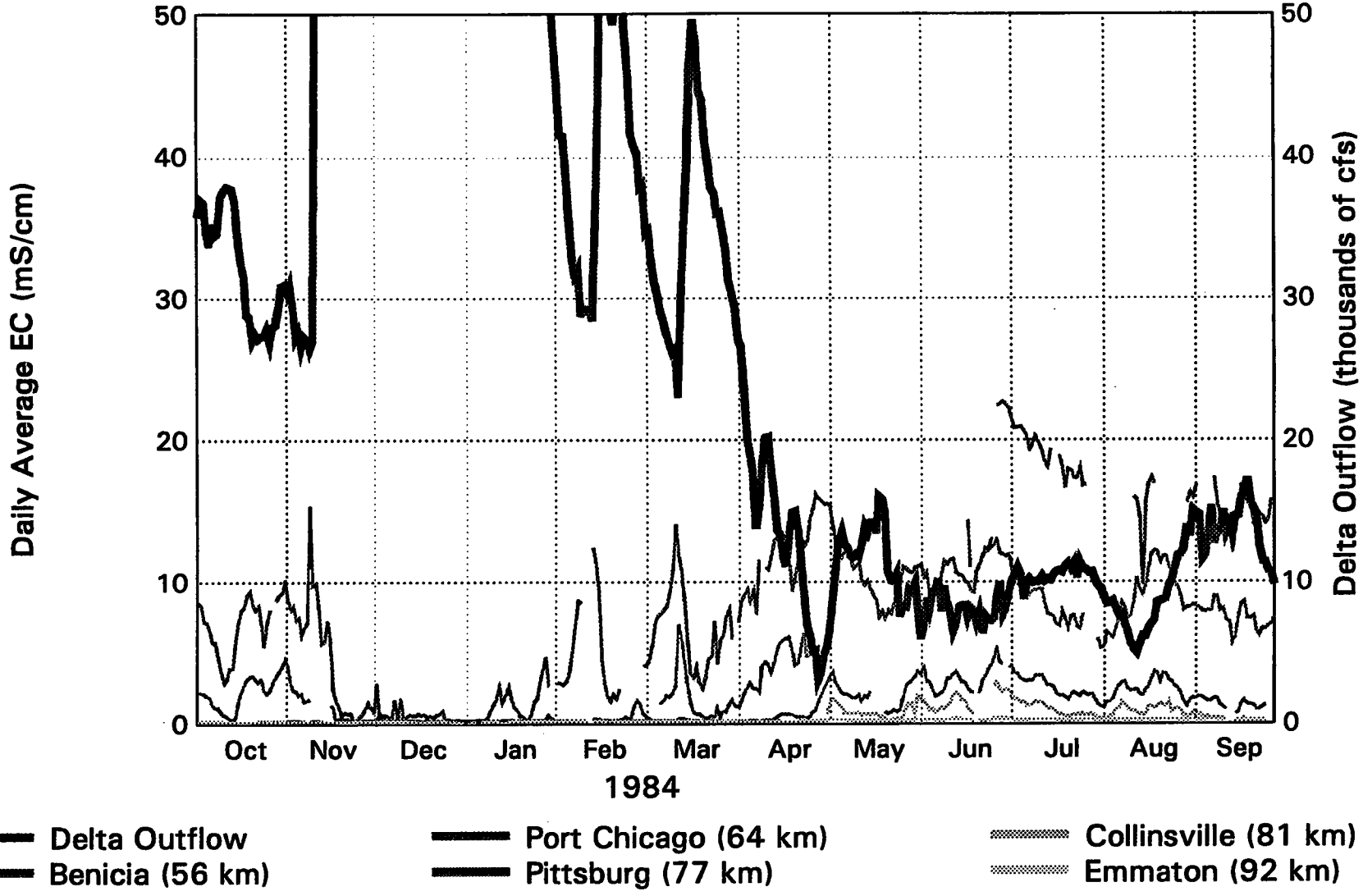
LOCATION OF SALINITY GRADIENT INTERPOLATED FROM DAILY AVERAGE EC MEASUREMENTS AND ESTIMATED X2 POSITION FOR 1982
FIGURE 82B



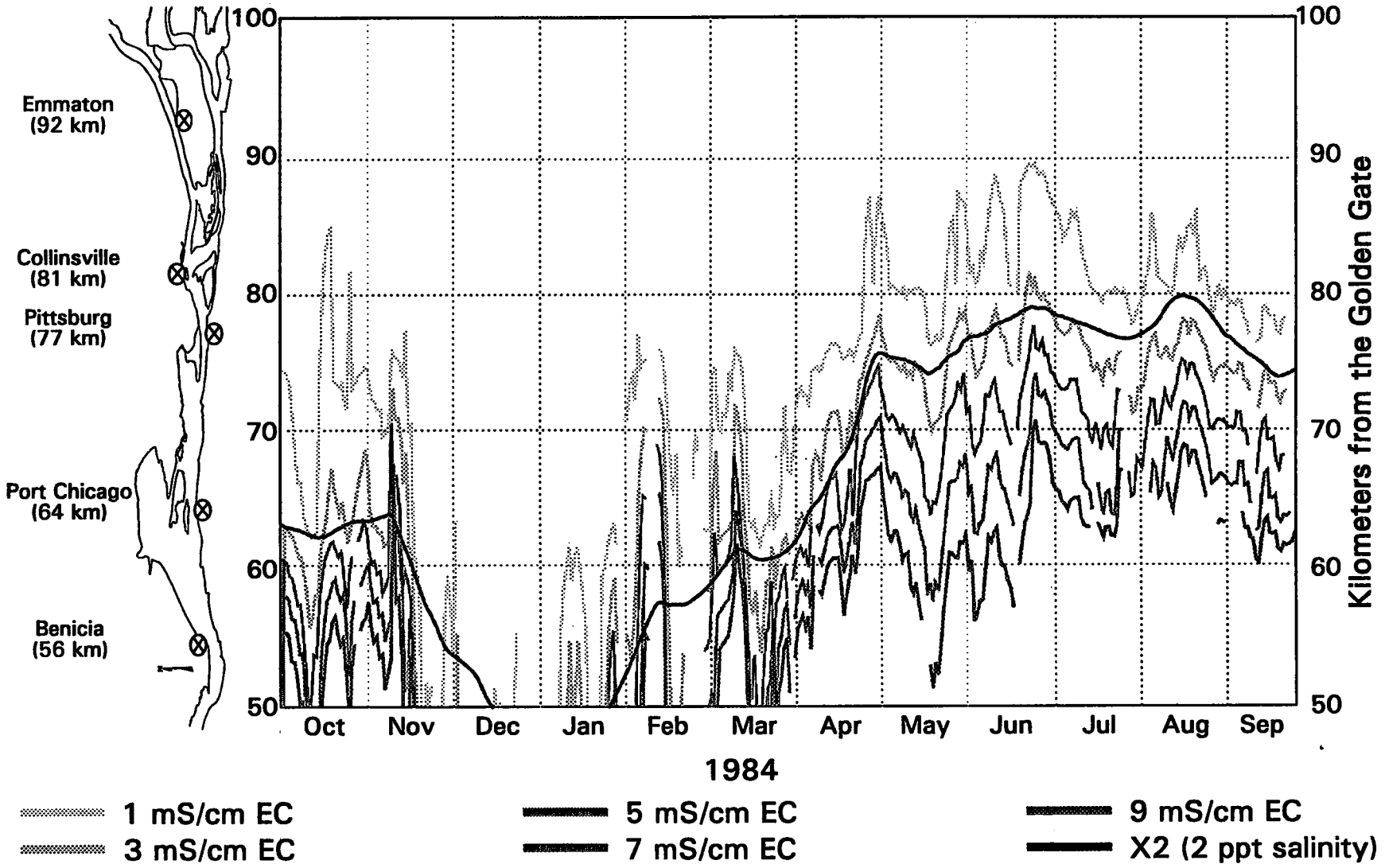
DAILY AVERAGE EC AT SELECTED STATIONS AND DELTA OUTFLOW FOR 1983
FIGURE 83A



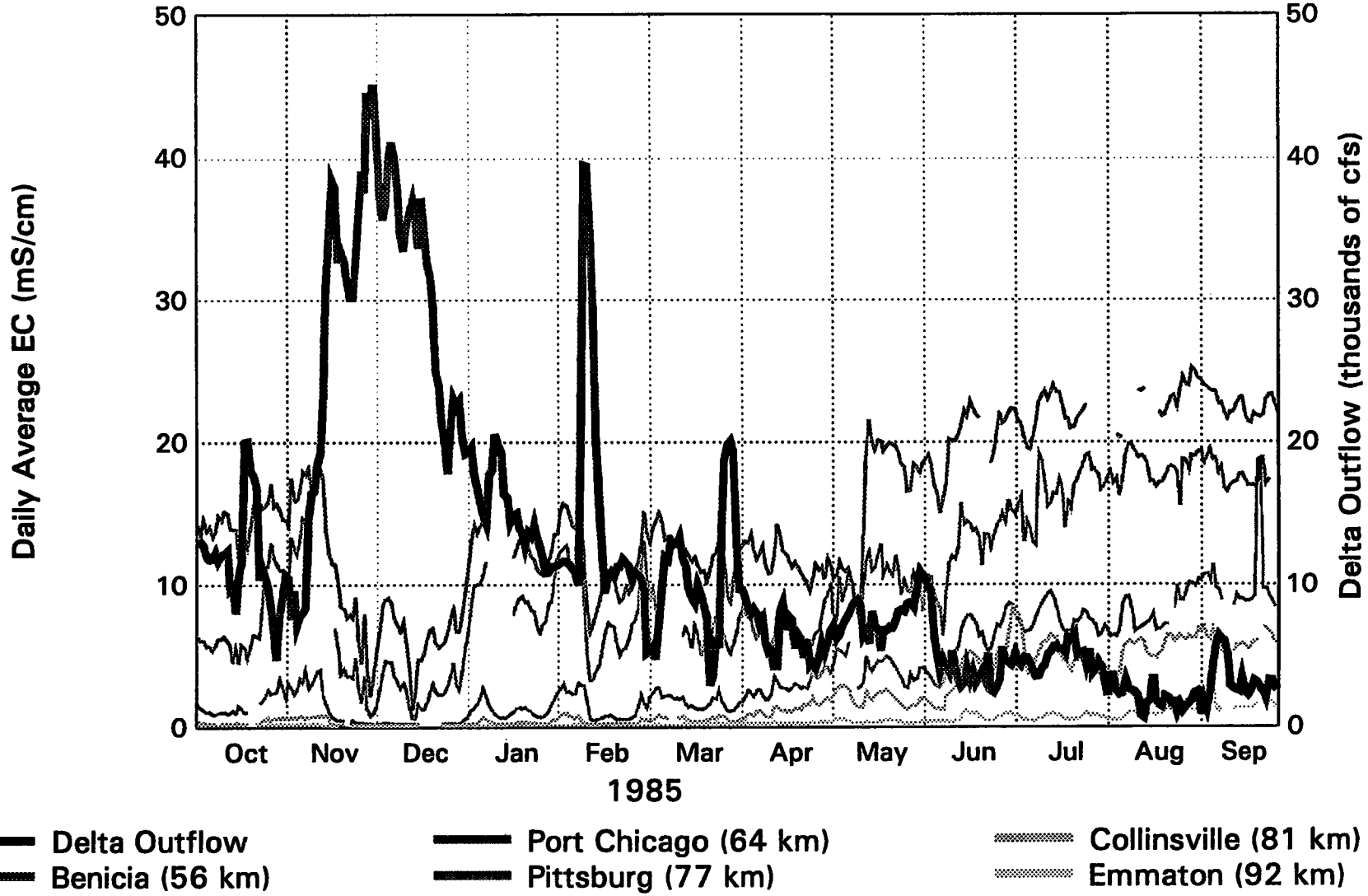
LOCATION OF SALINITY GRADIENT INTERPOLATED FROM DAILY AVERAGE EC MEASUREMENTS AND ESTIMATED X2 POSITION FOR 1983
FIGURE 83B



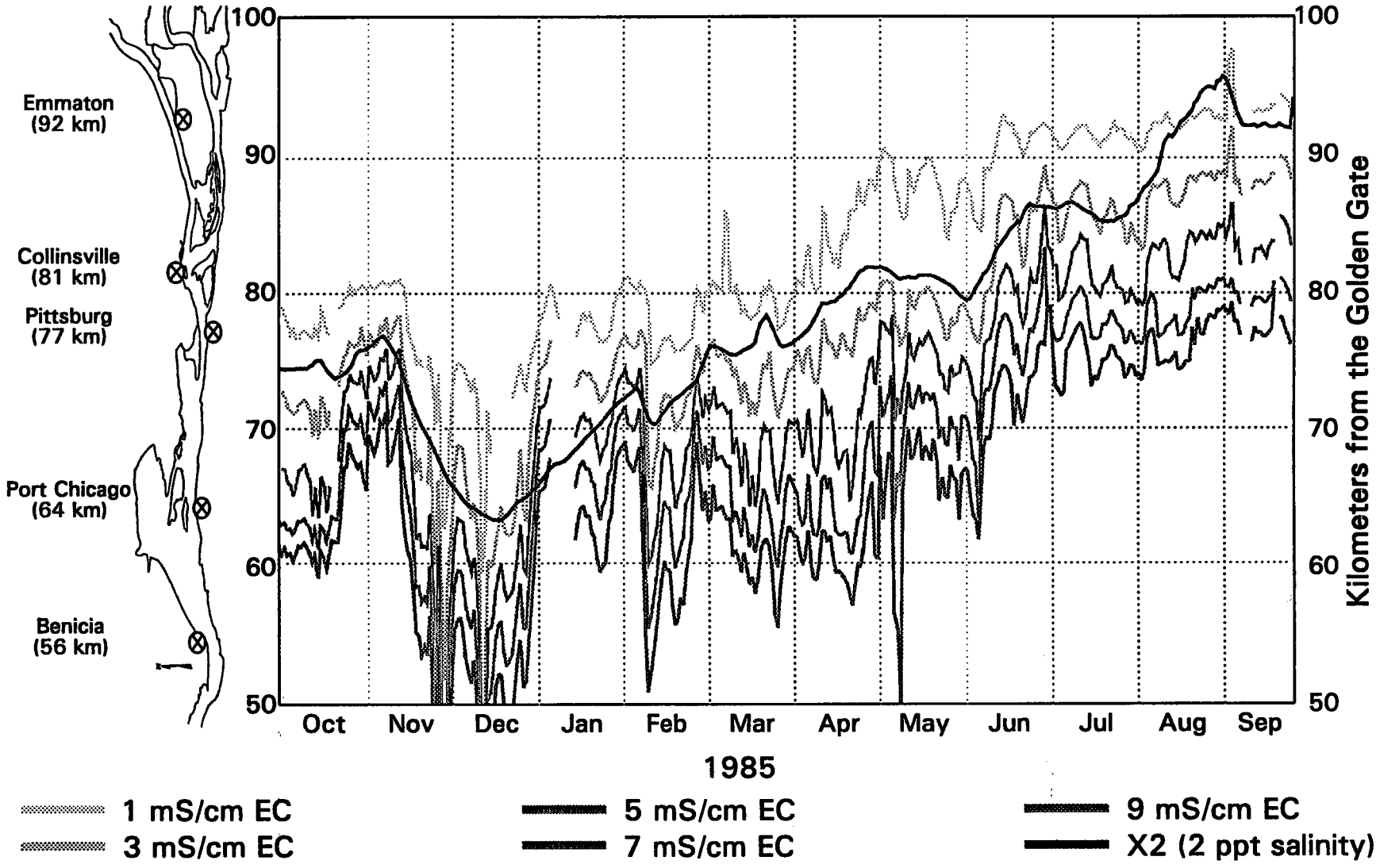
DAILY AVERAGE EC AT SELECTED STATIONS AND DELTA OUTFLOW FOR 1984
FIGURE 84A



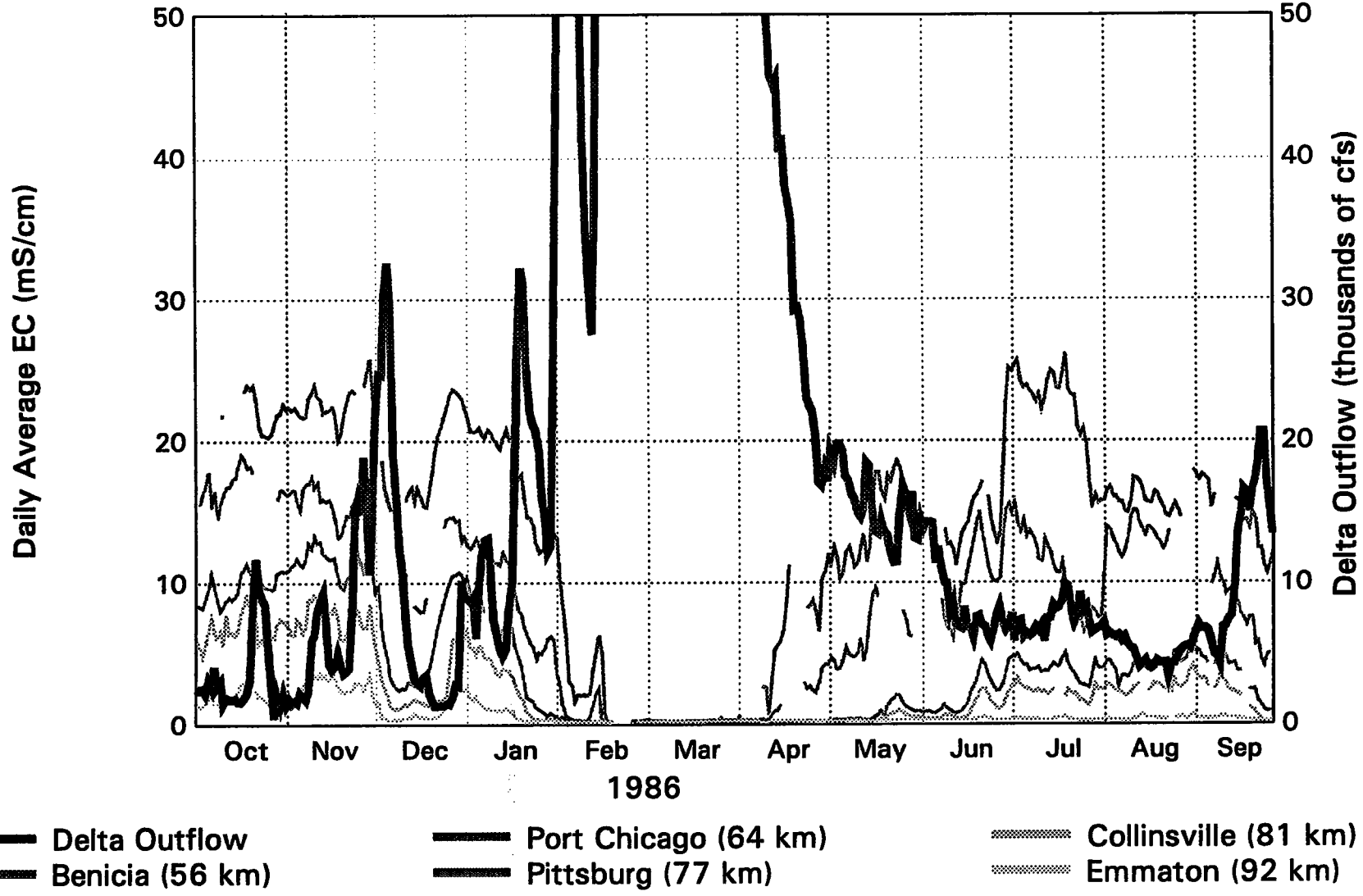
LOCATION OF SALINITY GRADIENT INTERPOLATED FROM DAILY AVERAGE EC MEASUREMENTS AND ESTIMATED X2 POSITION FOR 1984
FIGURE 84B



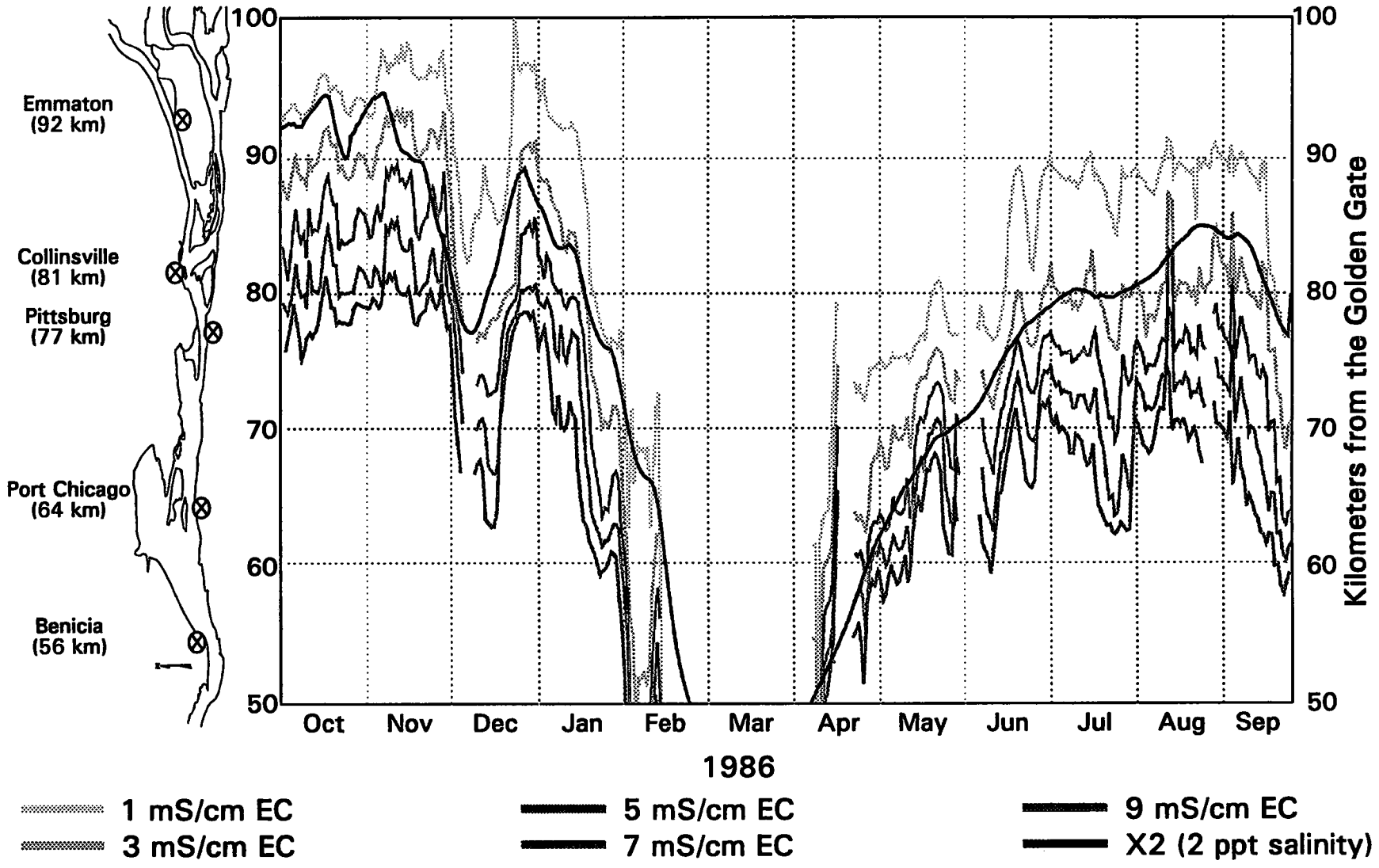
DAILY AVERAGE EC AT SELECTED STATIONS AND DELTA OUTFLOW FOR 1985
FIGURE 85A



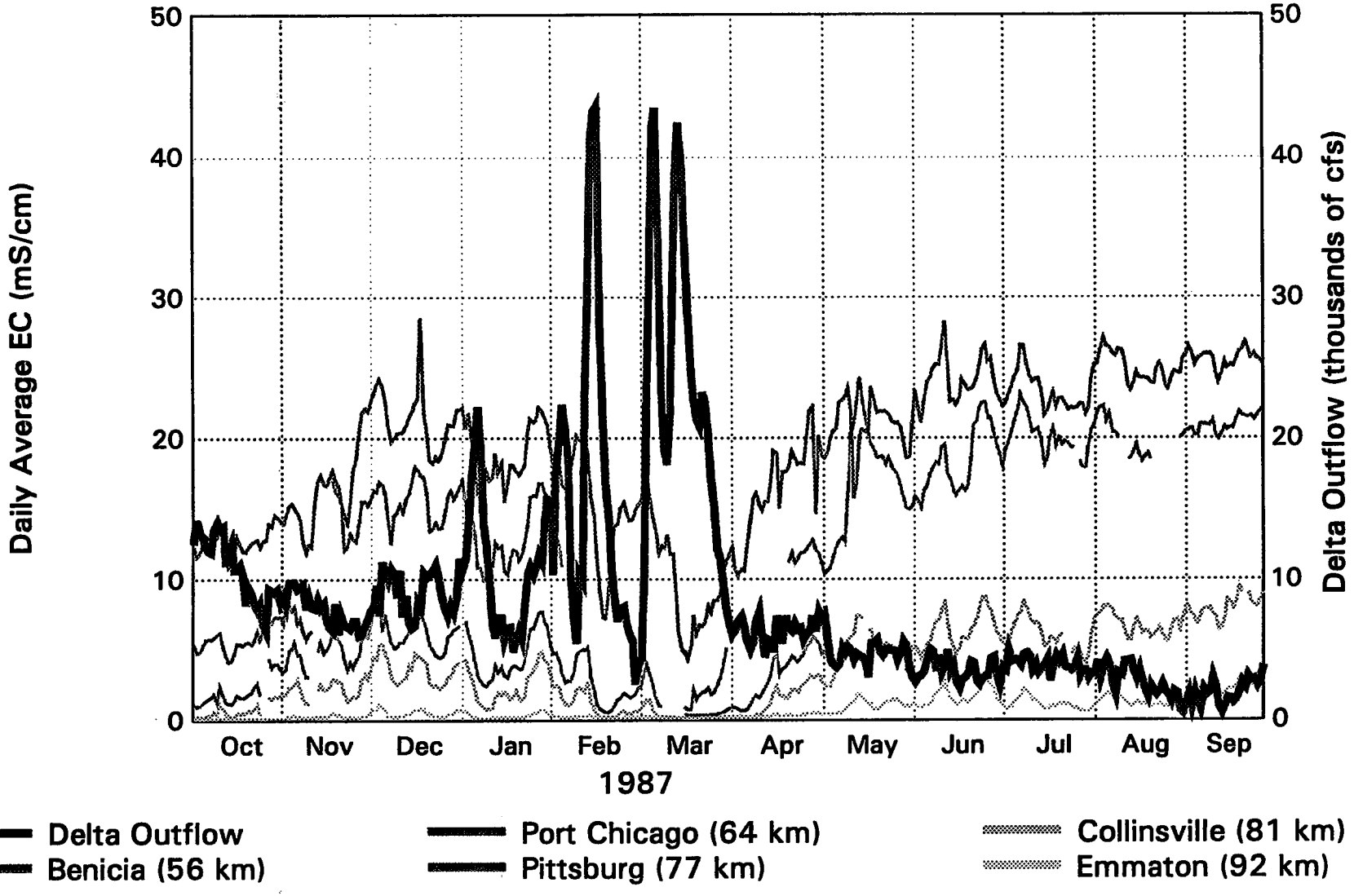
LOCATION OF SALINITY GRADIENT INTERPOLATED FROM DAILY AVERAGE EC MEASUREMENTS AND ESTIMATED X2 POSITION FOR 1985
FIGURE 85B



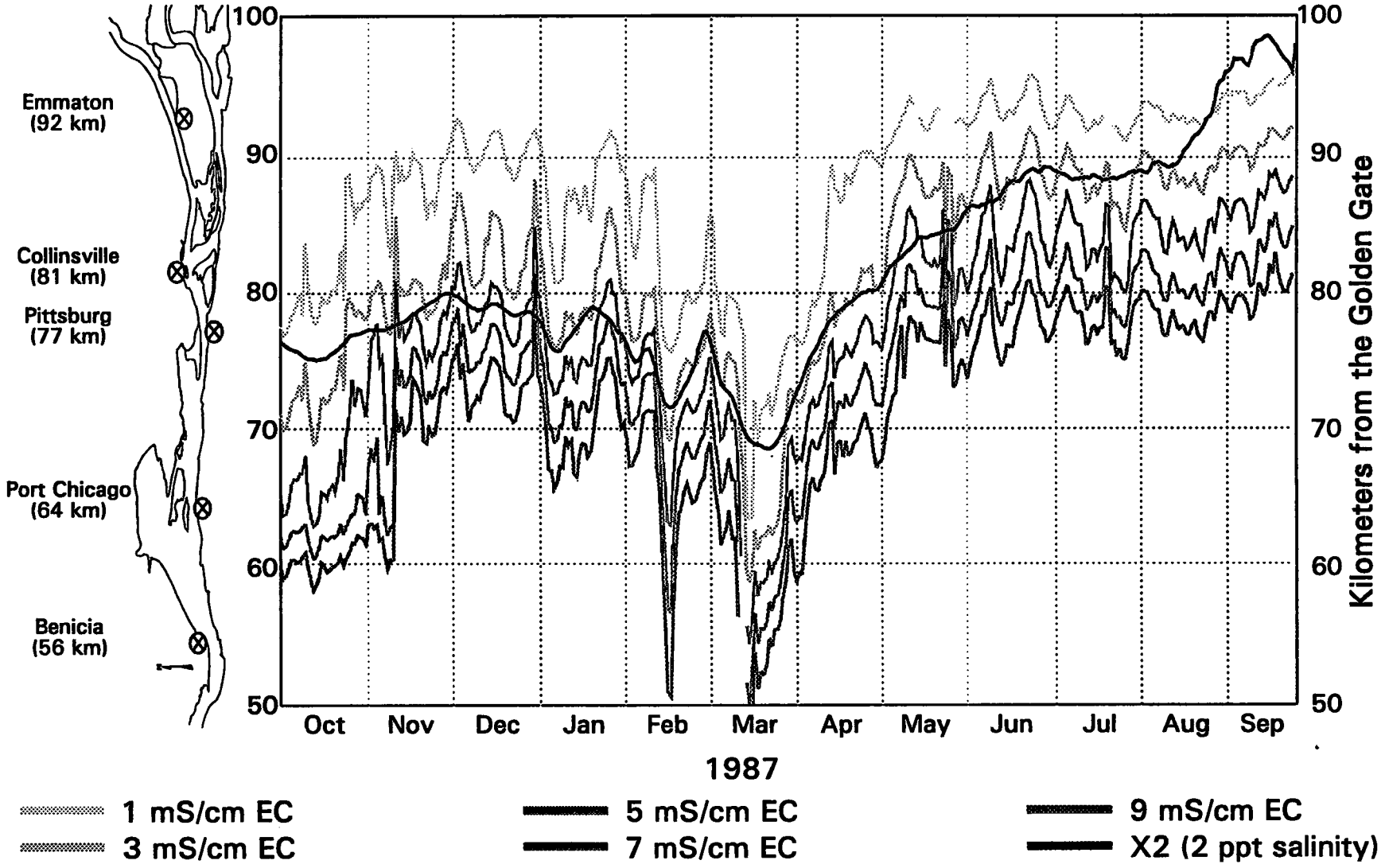
DAILY AVERAGE EC AT SELECTED STATIONS AND DELTA OUTFLOW FOR 1986
FIGURE 86A



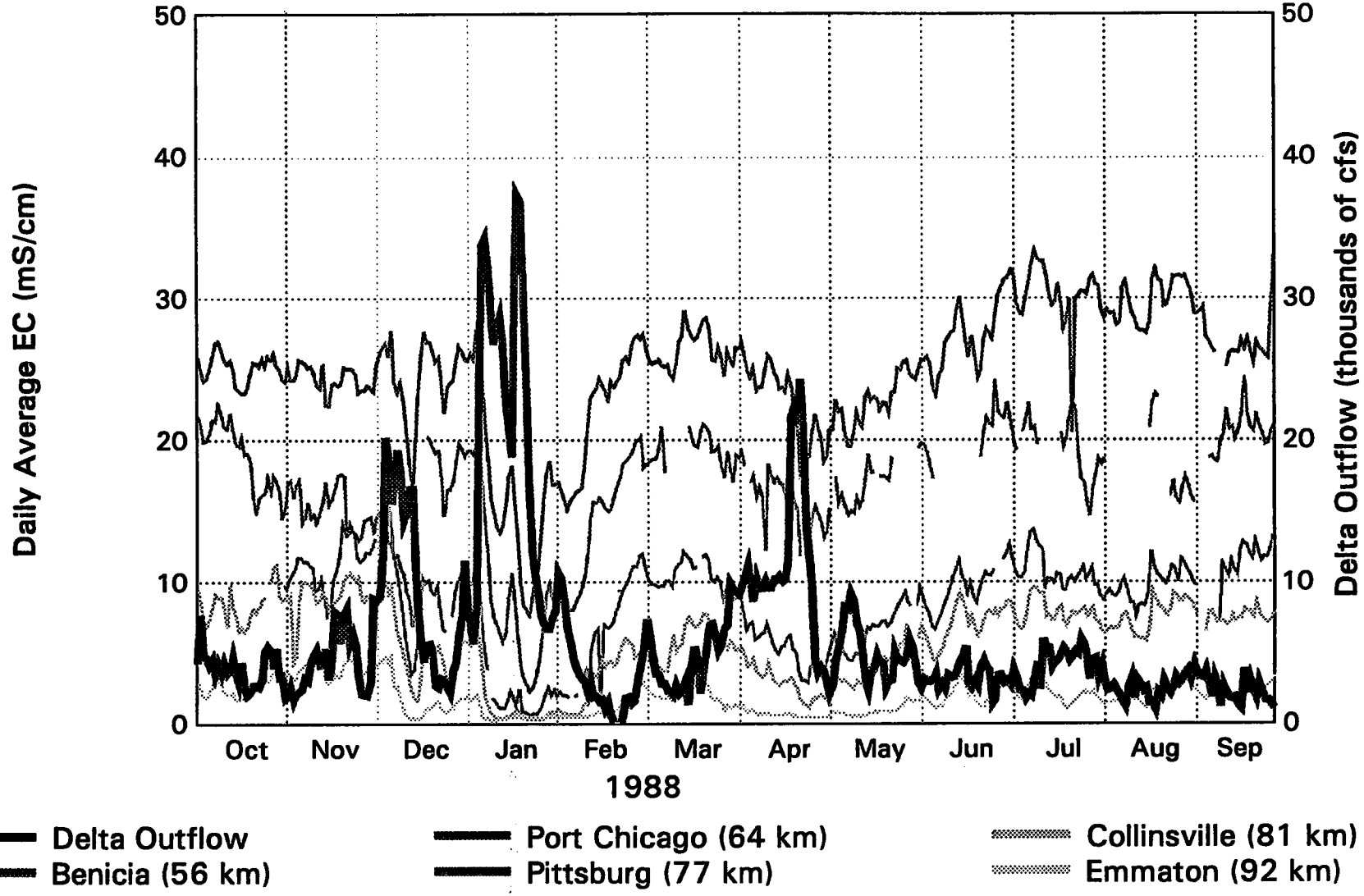
LOCATION OF SALINITY GRADIENT INTERPOLATED FROM DAILY AVERAGE EC MEASUREMENTS AND ESTIMATED X2 POSITION FOR 1986
FIGURE 86B



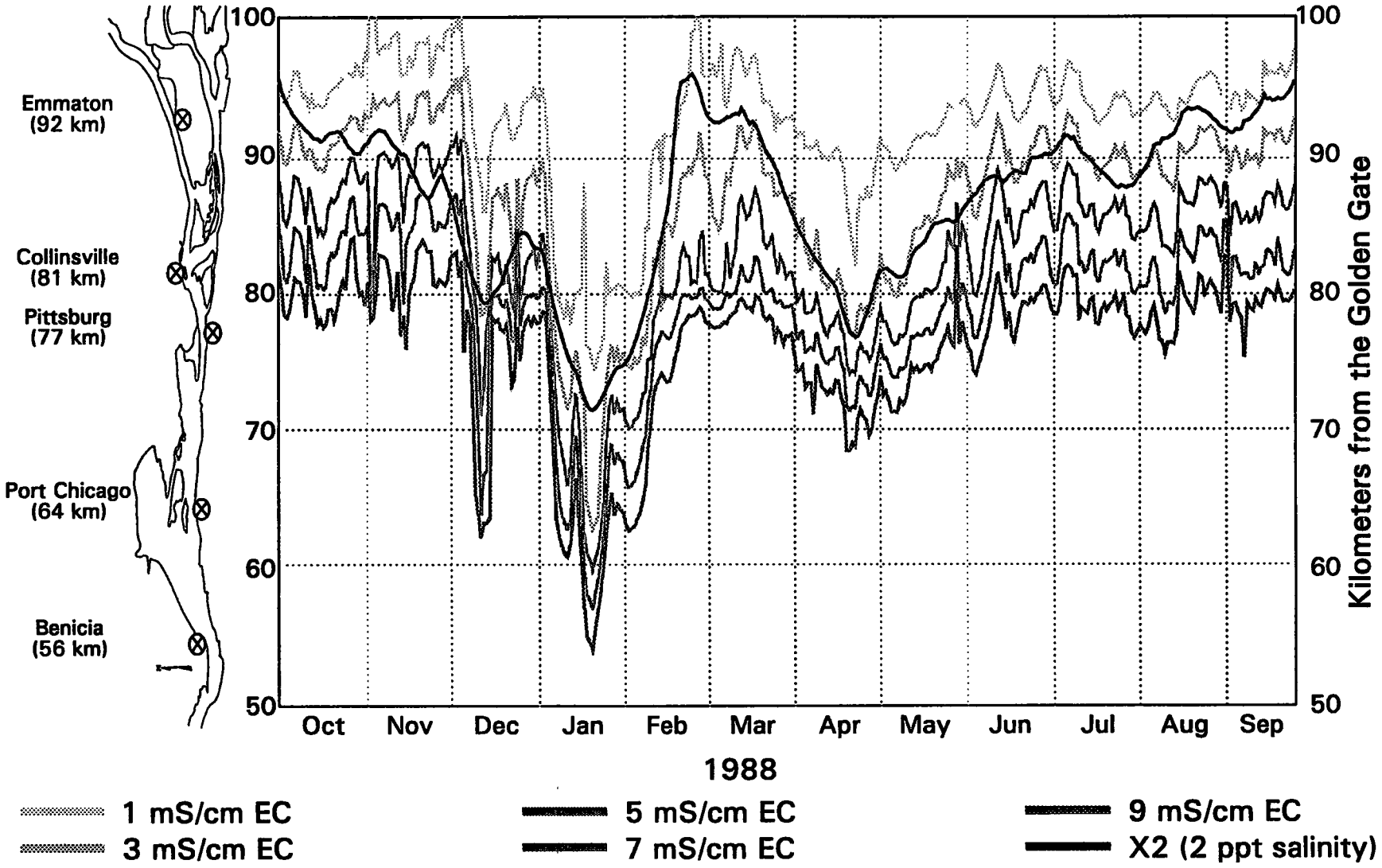
DAILY AVERAGE EC AT SELECTED STATIONS AND DELTA OUTFLOW FOR 1987
FIGURE 87A



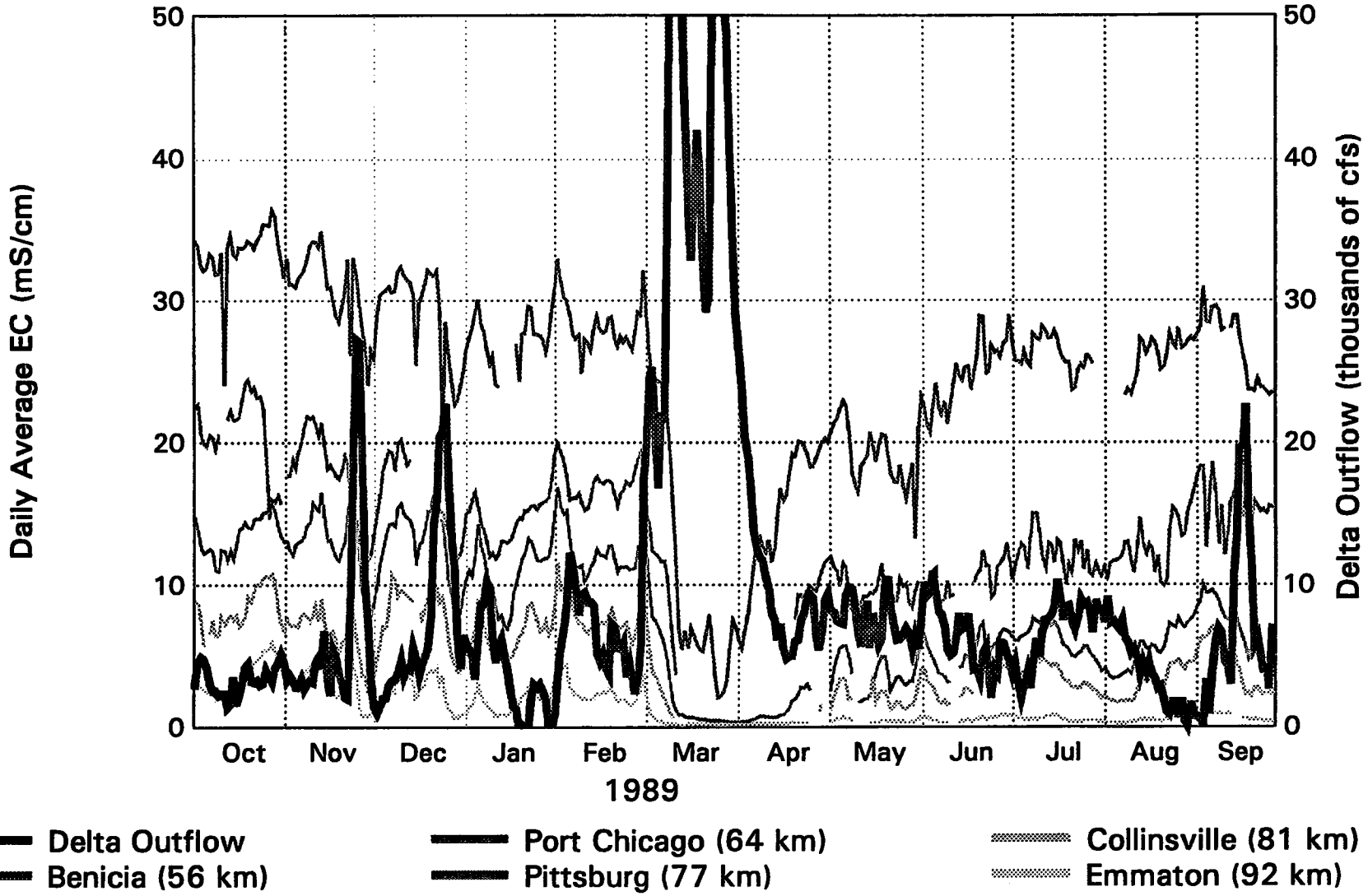
LOCATION OF SALINITY GRADIENT INTERPOLATED FROM DAILY AVERAGE EC MEASUREMENTS AND ESTIMATED X2 POSITION FOR 1987
FIGURE 87B



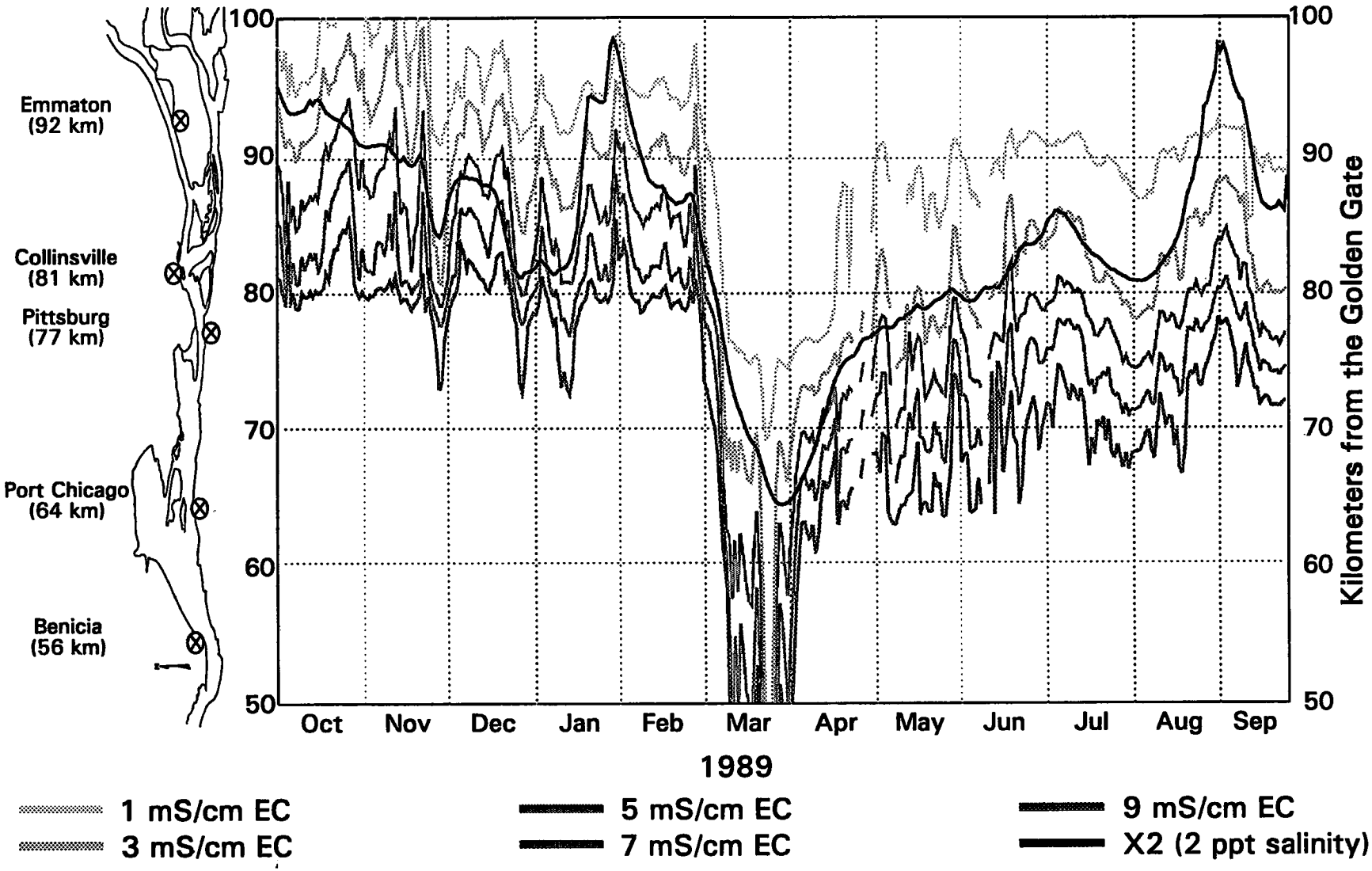
DAILY AVERAGE EC AT SELECTED STATIONS AND DELTA OUTFLOW FOR 1988
FIGURE 88A



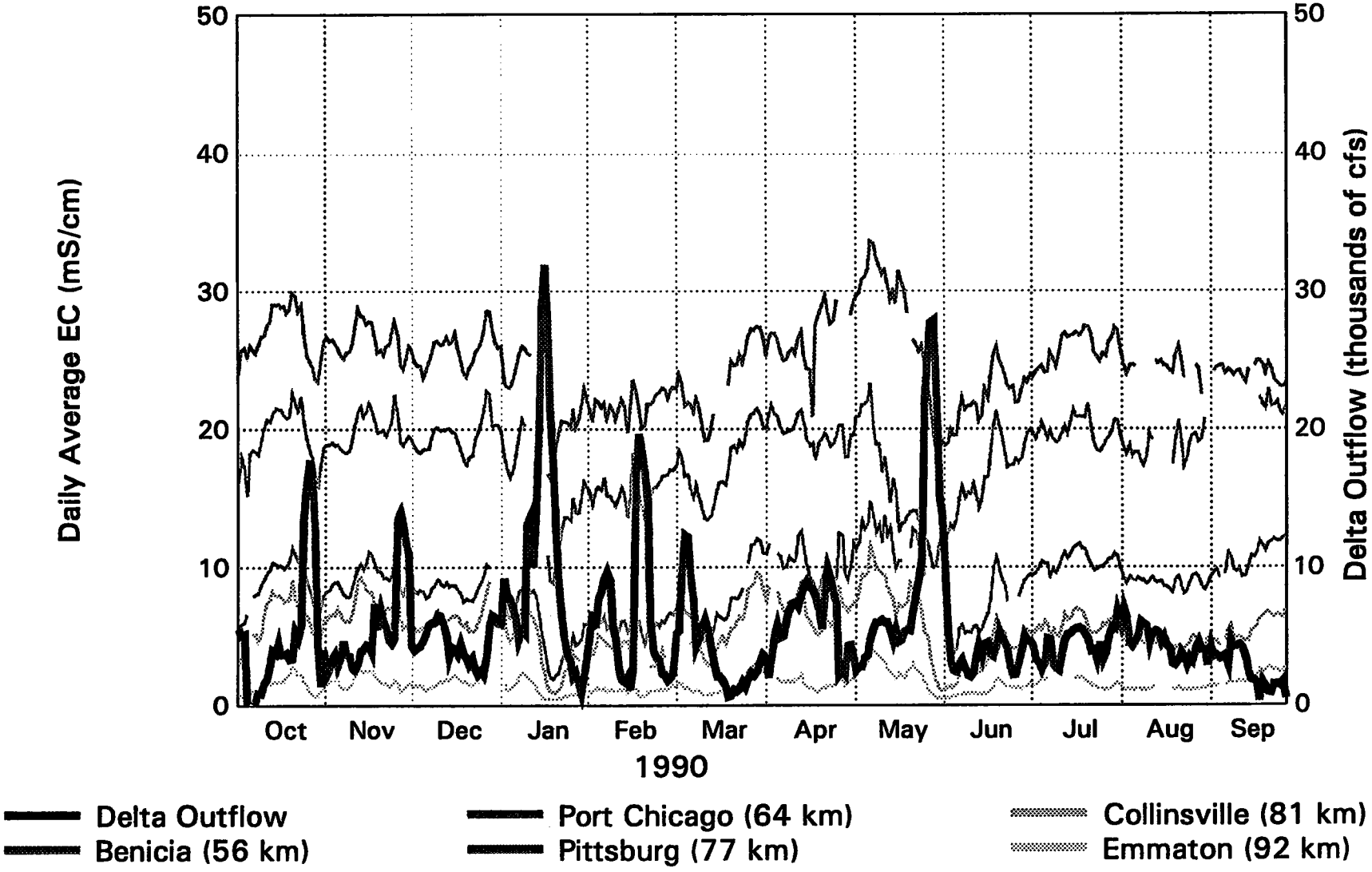
LOCATION OF SALINITY GRADIENT INTERPOLATED FROM DAILY AVERAGE EC MEASUREMENTS AND ESTIMATED X2 POSITION FOR 1988
FIGURE 88B



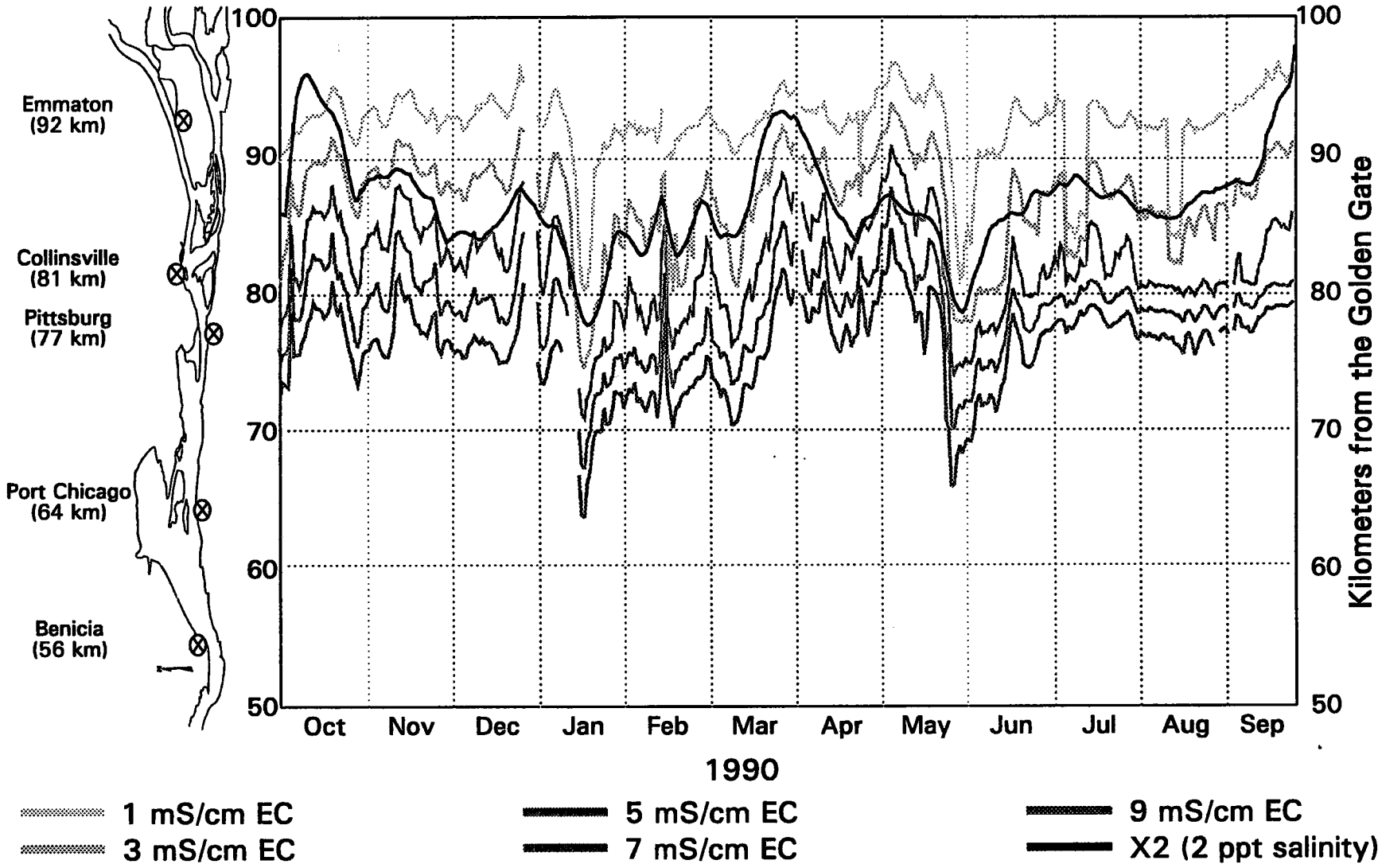
DAILY AVERAGE EC AT SELECTED STATIONS AND DELTA OUTFLOW FOR 1989
FIGURE 89A



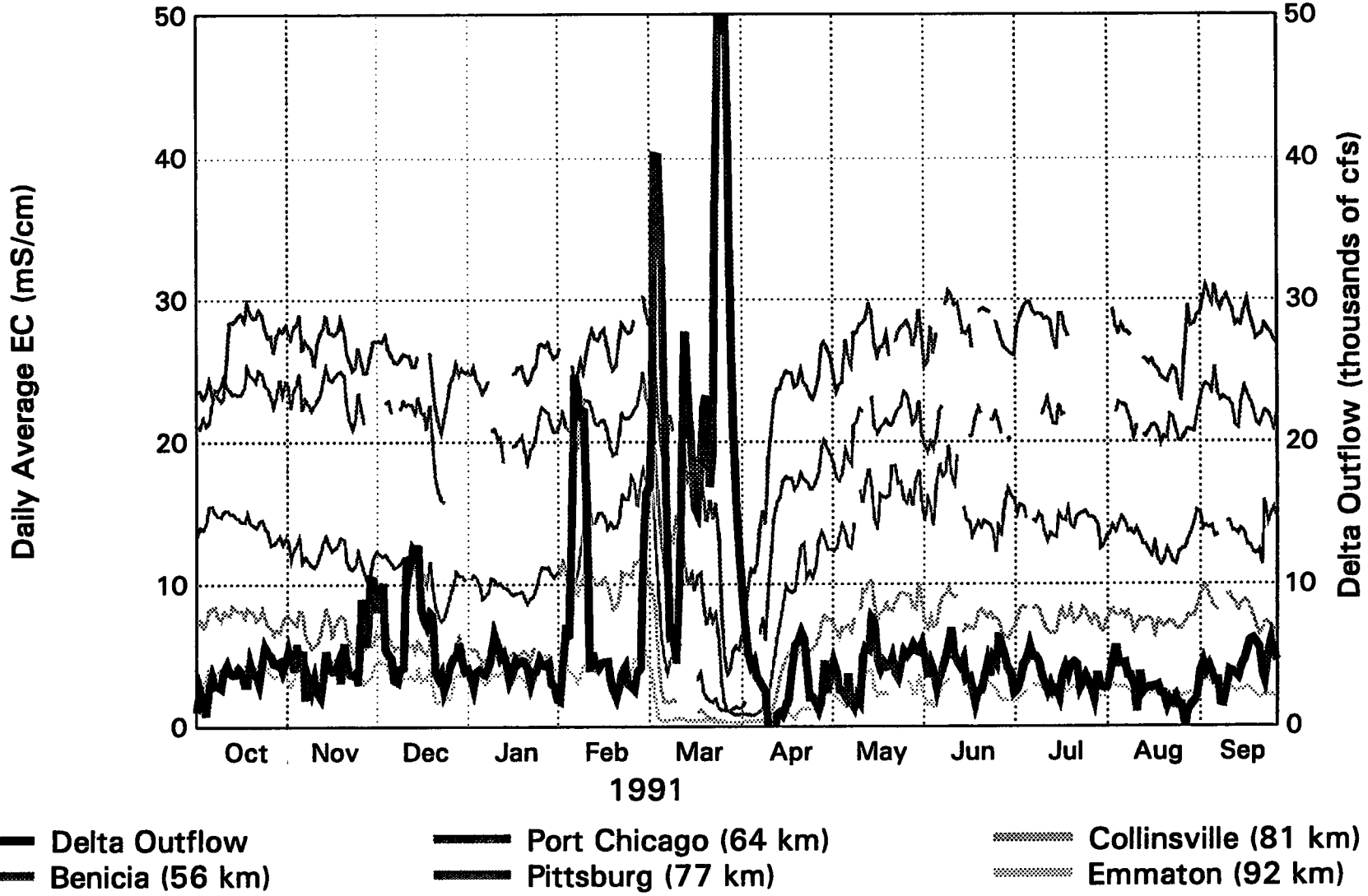
LOCATION OF SALINITY GRADIENT INTERPOLATED FROM DAILY AVERAGE EC MEASUREMENTS AND ESTIMATED X2 POSITION FOR 1989
FIGURE 89B



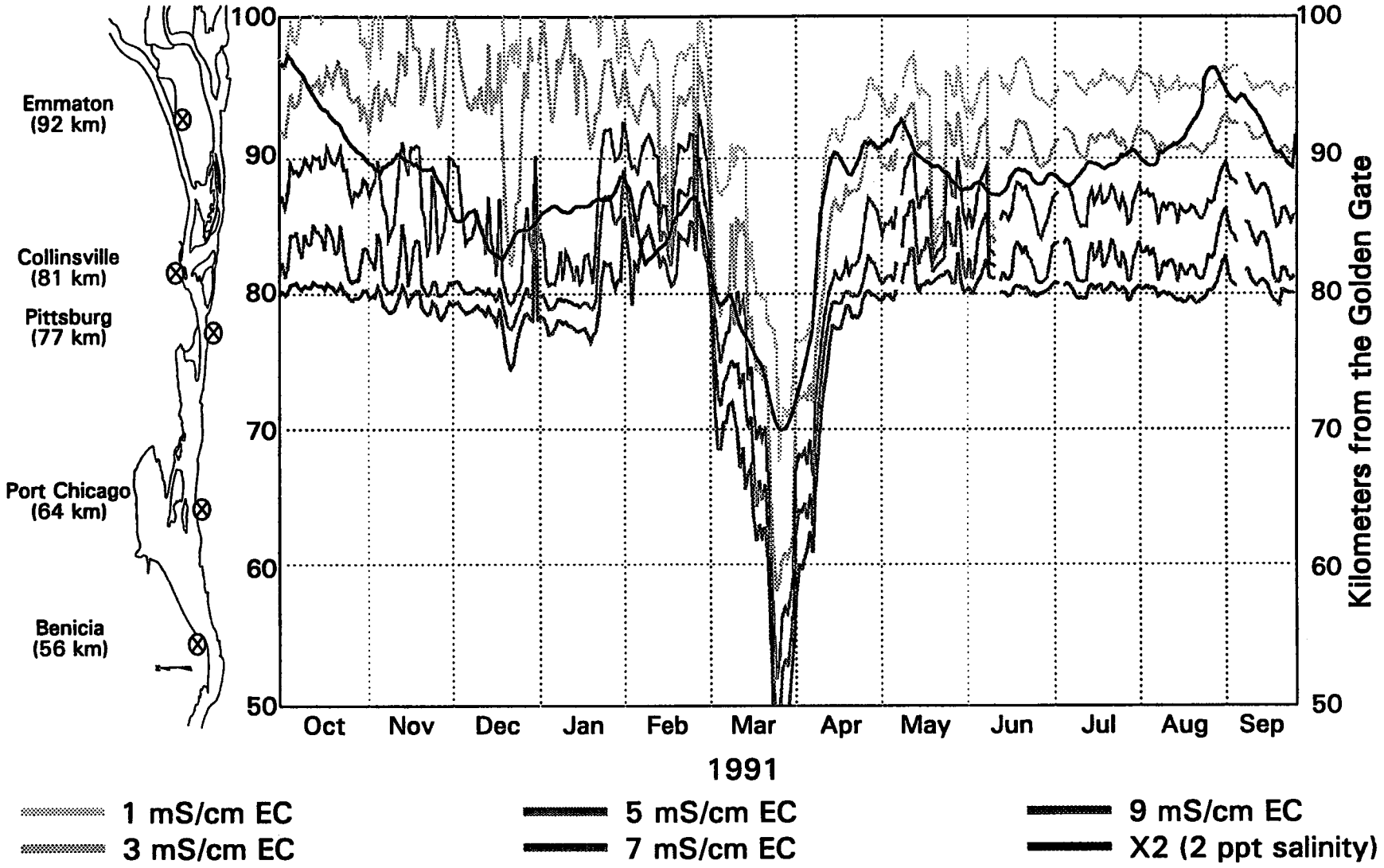
DAILY AVERAGE EC AT SELECTED STATIONS AND DELTA OUTFLOW FOR 1990
FIGURE 90A



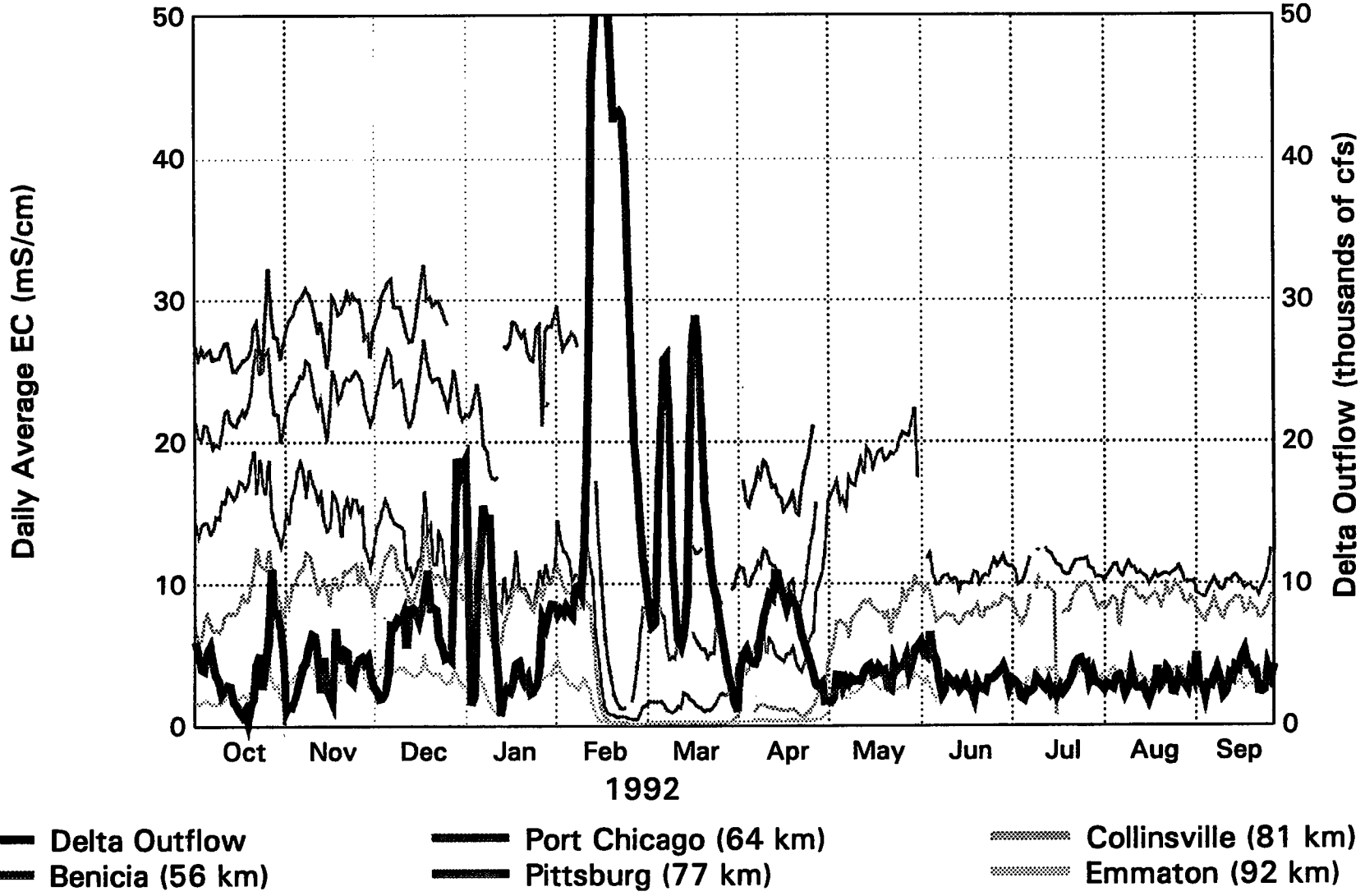
LOCATION OF SALINITY GRADIENT INTERPOLATED FROM DAILY AVERAGE EC MEASUREMENTS AND ESTIMATED X2 POSITION FOR 1990
FIGURE 90B



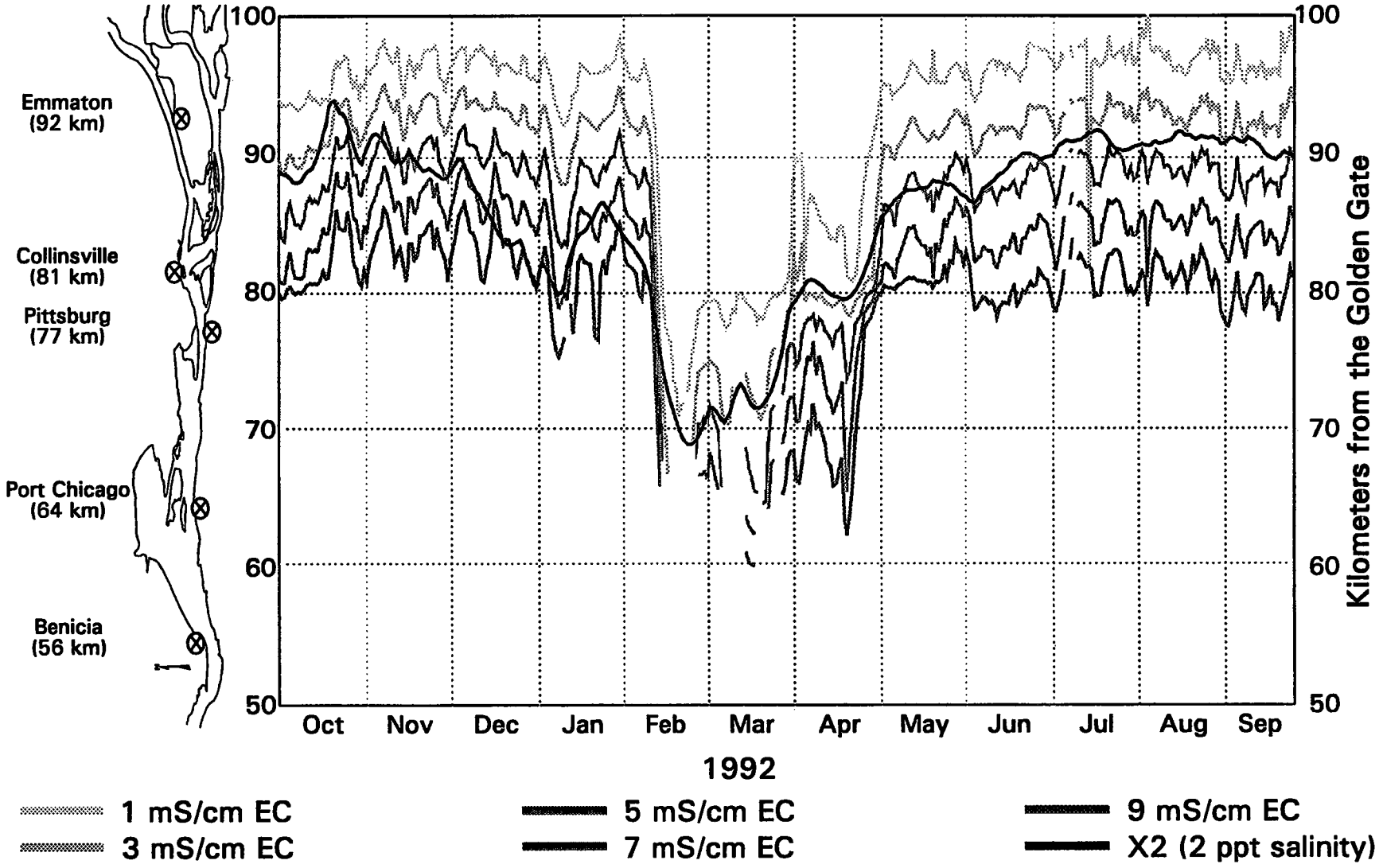
DAILY AVERAGE EC AT SELECTED STATIONS AND DELTA OUTFLOW FOR 1991
FIGURE 91A



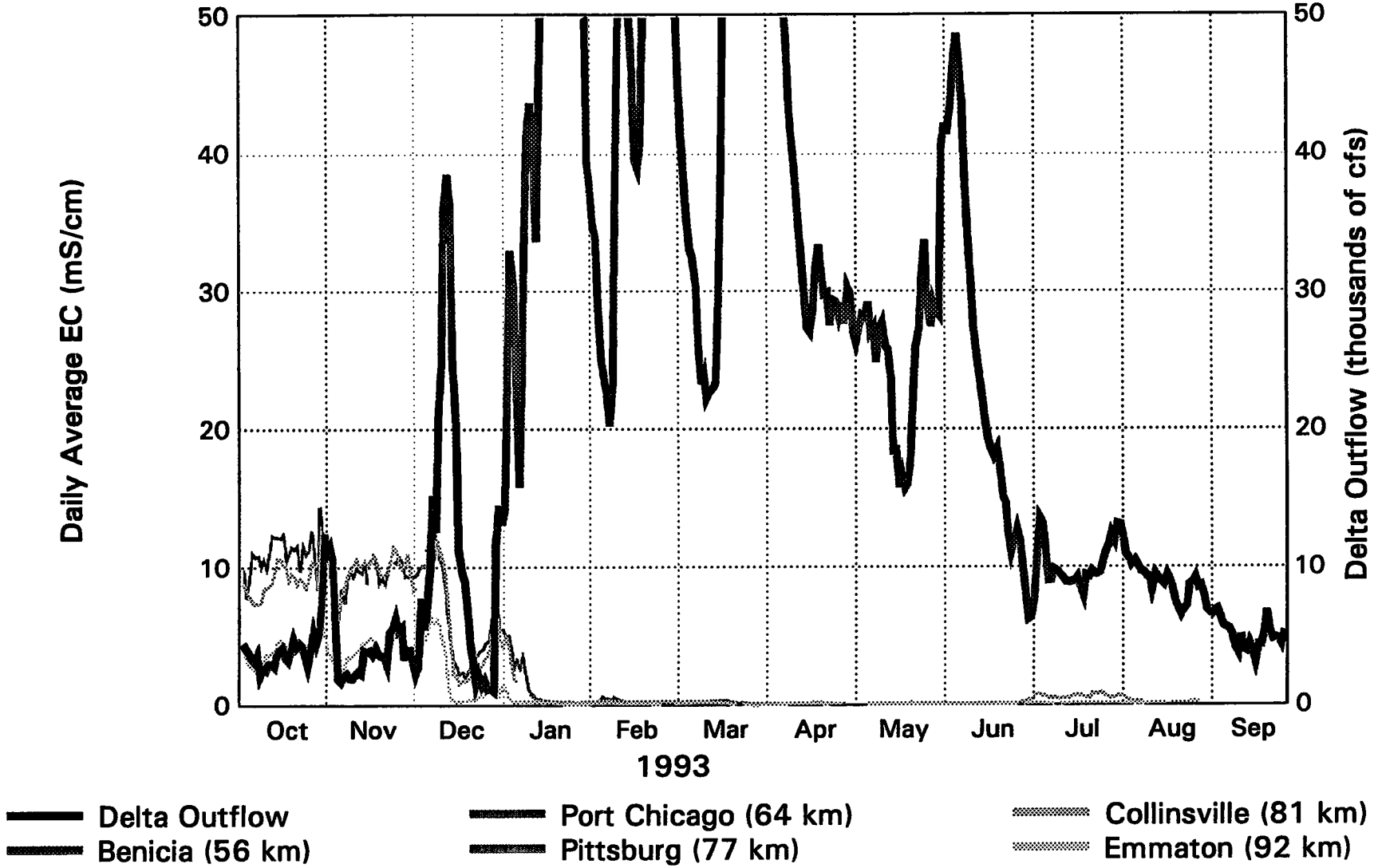
LOCATION OF SALINITY GRADIENT INTERPOLATED FROM DAILY AVERAGE EC MEASUREMENTS AND ESTIMATED X2 POSITION FOR 1991
FIGURE 91B



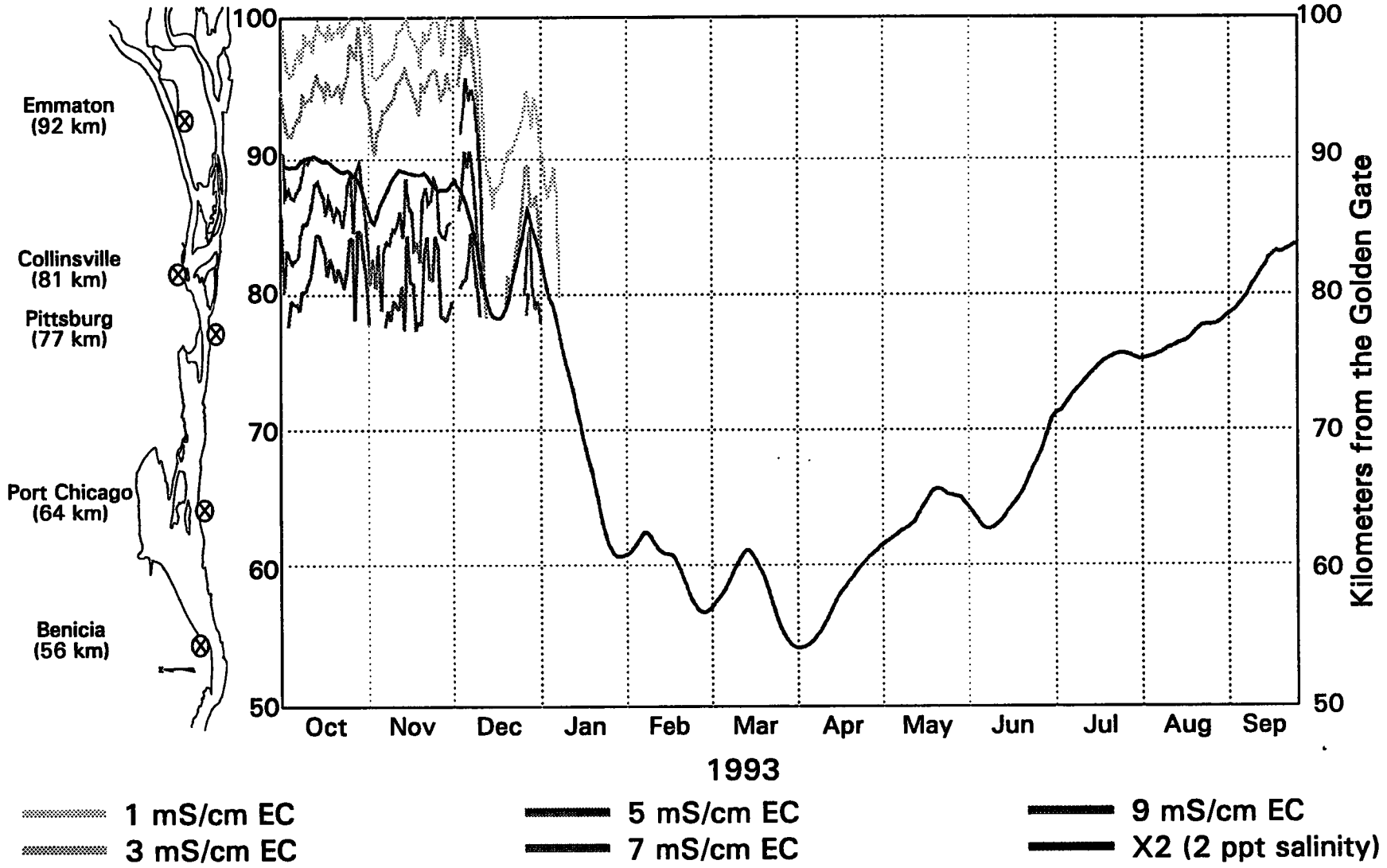
DAILY AVERAGE EC AT SELECTED STATIONS AND DELTA OUTFLOW FOR 1992
FIGURE 92A



LOCATION OF SALINITY GRADIENT INTERPOLATED FROM DAILY AVERAGE EC MEASUREMENTS AND ESTIMATED X2 POSITION FOR 1992
FIGURE 92B



DAILY AVERAGE EC AT SELECTED STATIONS AND DELTA OUTFLOW FOR 1993
FIGURE 93A

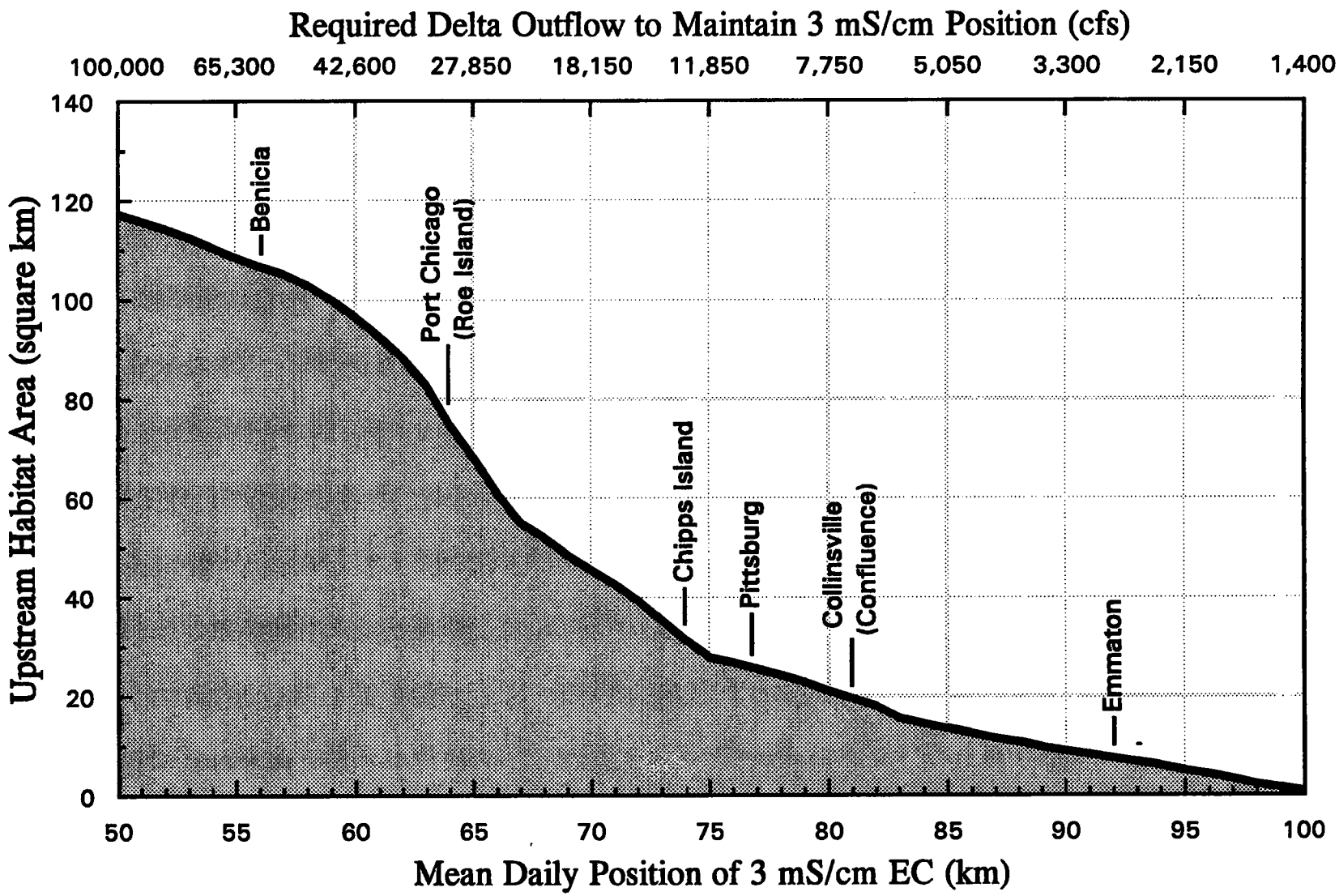


LOCATION OF SALINITY GRADIENT INTERPOLATED FROM DAILY AVERAGE EC MEASUREMENTS AND ESTIMATED X2 POSITION FOR 1993
FIGURE 93B

Estimated Estuarine Habitat Area Upstream of Mean Daily Position of 3 mS/cm EC

Position of 3 mS/cm (km)	Estimated Habitat Width (km)	Estimated Upstream Habitat (km²)	Estimated Delta Outflow to Maintain Position[1] (cfs)
50	1.50	117.25	100,000
51	1.50	115.75	91,825
52	1.75	114.25	84,319
53	2.00	112.50	77,426
54	2.00	110.50	71,097
55	1.75	108.50	65,285
56	1.50	106.75	59,948
57	2.25	105.25	55,048
58	3.00	103.00	50,548
59	3.50	100.00	46,416
60	4.00	96.50	42,622
61	4.25	92.50	39,137
62	5.50	88.25	35,938
63	8.00	82.75	33,000
64	6.50	74.75	30,303
65	7.25	68.25	27,826
66	6.00	61.00	25,551
67	3.00	55.00	23,462
68	3.50	52.00	21,544
69	3.00	48.50	19,783
70	3.00	45.50	18,166
71	3.25	42.50	16,681
72	4.00	39.25	15,317
73	4.00	35.25	14,065
74	3.50	31.25	12,915
75	1.00	27.75	11,860
76	1.25	26.75	10,890
77	1.25	25.50	10,000
78	1.50	24.25	9,183
79	1.75	22.75	8,432
80	1.50	21.00	7,743
81	1.50	19.50	7,110
82	2.50	18.00	6,529
83	1.00	15.50	5,995
84	1.00	14.50	5,505
85	1.00	13.50	5,055
86	1.00	12.50	4,642
87	0.75	11.50	4,262
88	1.00	10.75	3,914
89	0.75	9.75	3,594
90	0.75	9.00	3,300
91	0.75	8.25	3,030
92	0.75	7.50	2,783
93	0.75	6.75	2,555
94	1.00	6.00	2,346
95	0.75	5.00	2,154
96	1.00	4.25	1,978
97	1.00	3.25	1,817
98	0.75	2.25	1,668
99	0.75	1.50	1,532
100	0.75	0.75	1,407

[1]Using Kimmerer and Monismith Steady State X2 equation.



ESTUARINE HABITAT AREA UPSTREAM OF MEAN DAILY POSITION OF 3 mS/cm EC