

Appendix C – Temperature

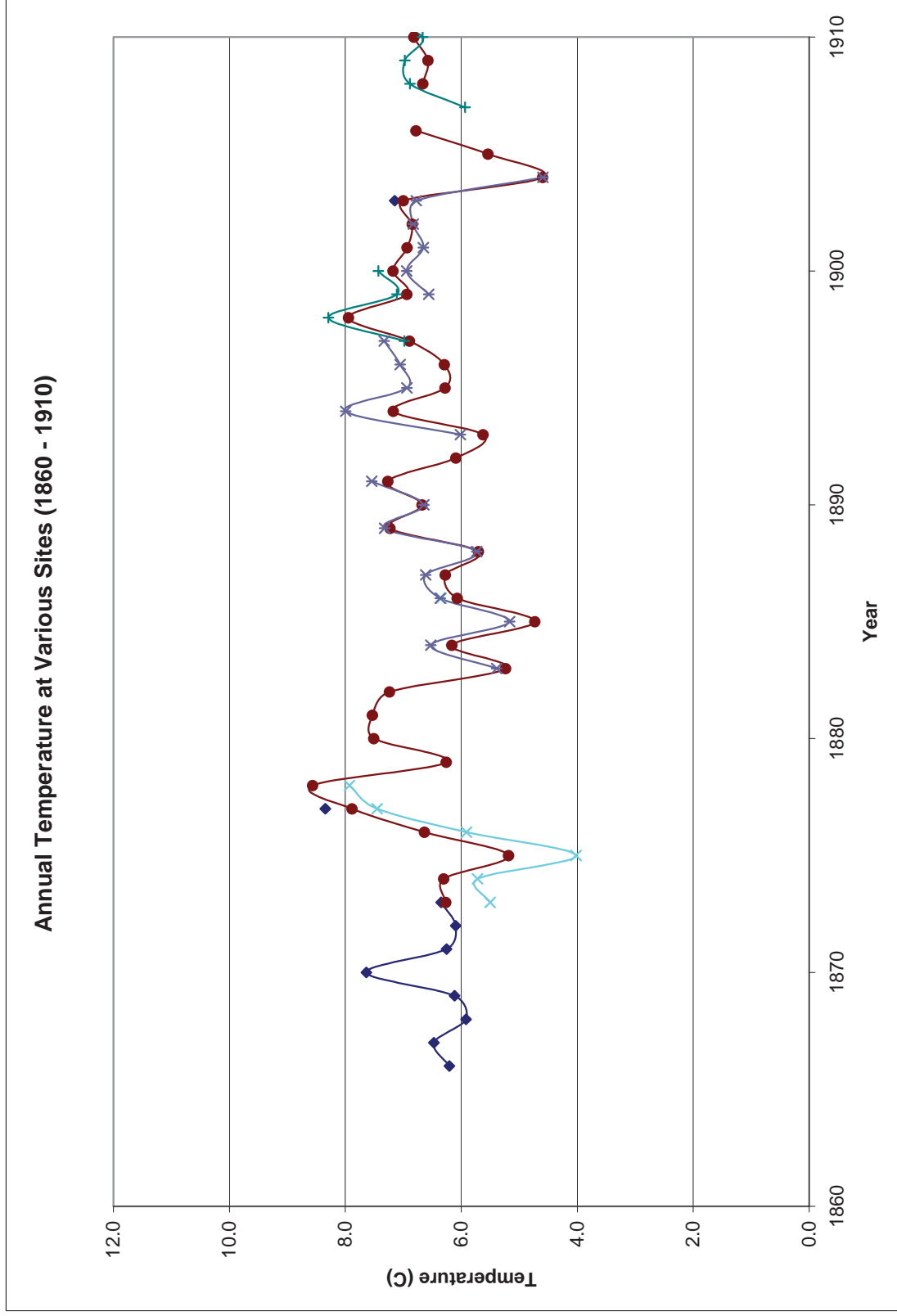


Figure C.1a – 1860-1910 Annual Temperature at Climate Stations

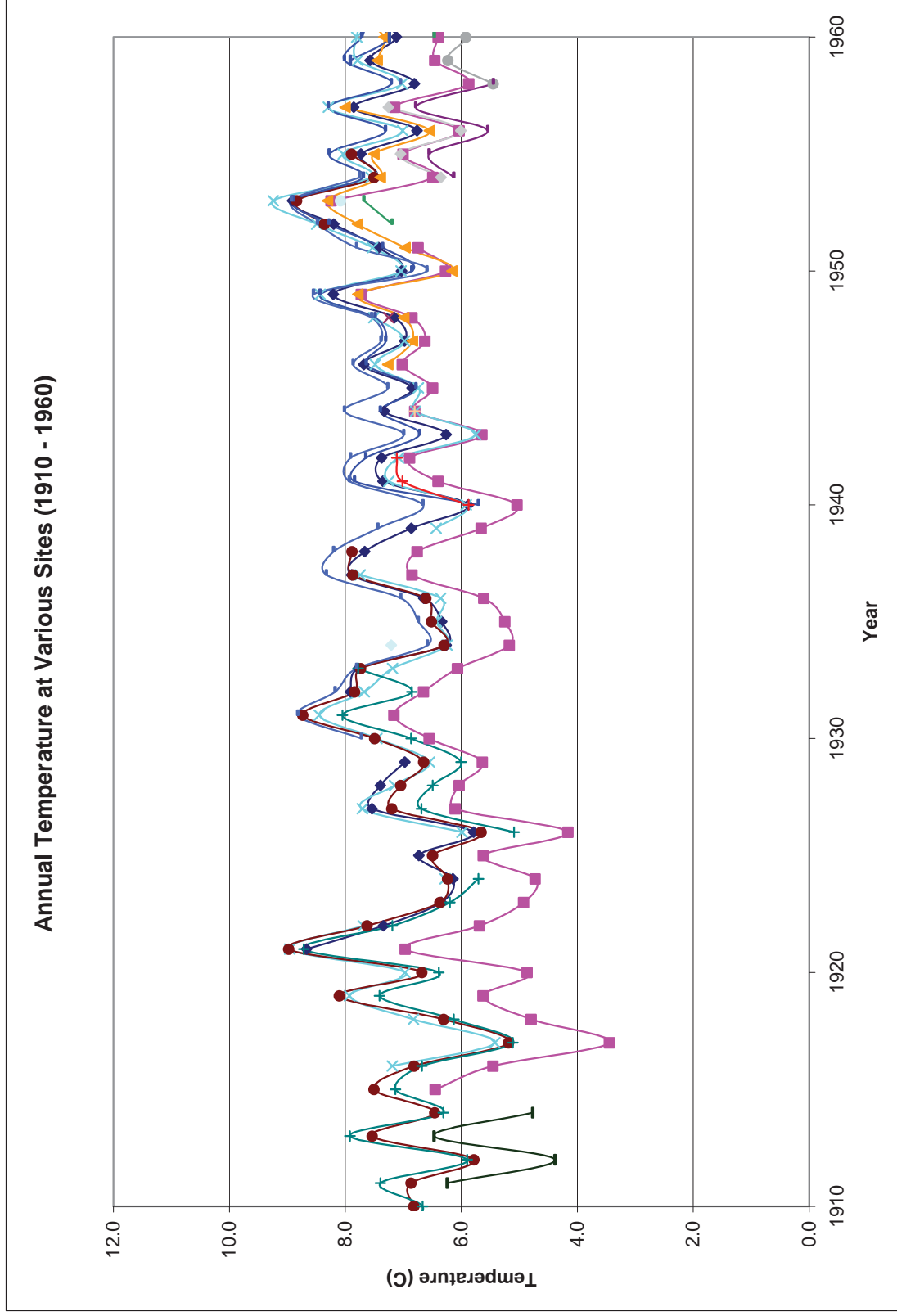


Figure C.1b – 1910-1960 Annual Temperature at Climate Stations

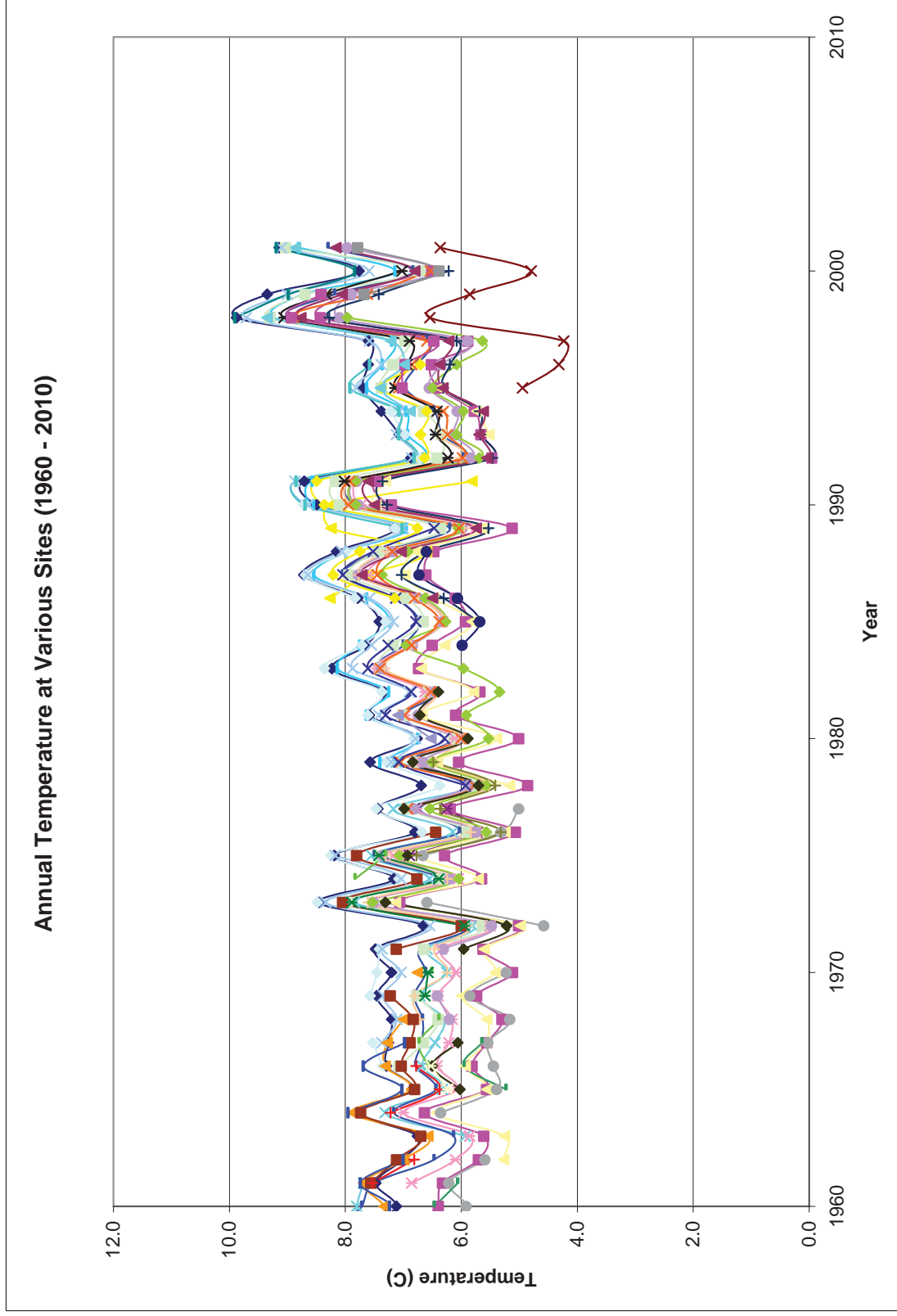


Figure C.1c – 1960-2010 Annual Temperature at Climate Stations

Table C.1: Temperature Kruskal-Wallis Test

Godfrey1961		Hartington1961		Kingston Airport1961		Kingston Pumping Station1961		Lyndhurst Shawmere1961	
Godfrey1962		Hartington1962		Kingston Airport1962		Kingston Pumping Station1962		Lyndhurst Shawmere1962	
Godfrey1963		Hartington1963		Kingston Airport1963		Kingston Pumping Station1963		Lyndhurst Shawmere1963	
Godfrey1964		Hartington1964		Kingston Airport1964		Kingston Pumping Station1964		Lyndhurst Shawmere1964	
Godfrey1965		Hartington1965		Kingston Airport1965		Kingston Pumping Station1965		Lyndhurst Shawmere1965	
Godfrey1966		Hartington1966		Kingston Airport1966		Kingston Pumping Station1966		Lyndhurst Shawmere1966	
Godfrey1967		Hartington1967		Kingston Airport1967		Kingston Pumping Station1967		Lyndhurst Shawmere1967	
Godfrey1968		Hartington1968		Kingston Airport1968	6.94	Kingston Pumping Station1968		Lyndhurst Shawmere1968	
Godfrey1969		Hartington1969	6.39	Kingston Airport1969	85.5	Kingston Pumping Station1969		Lyndhurst Shawmere1969	
Godfrey1970		Hartington1970		Kingston Airport1970		Kingston Pumping Station1970		Lyndhurst Shawmere1970	
Godfrey1971		Hartington1971	5.93	Kingston Airport1971	29.5	Kingston Pumping Station1971		Lyndhurst Shawmere1971	
Godfrey1972		Hartington1972	6.28	Kingston Airport1972	66	Kingston Pumping Station1972		Lyndhurst Shawmere1972	
Godfrey1973		Hartington1973	6.95	Kingston Airport1973	159	Kingston Pumping Station1973		Lyndhurst Shawmere1973	
Godfrey1974		Hartington1974	6.29	Kingston Airport1974	70	Kingston Pumping Station1974		Lyndhurst Shawmere1974	
Godfrey1975		Hartington1975	7.22	Kingston Airport1975	197	Kingston Pumping Station1975		Lyndhurst Shawmere1975	
Godfrey1976		Hartington1976	6.76	Kingston Airport1976	132.5	Kingston Pumping Station1976		Lyndhurst Shawmere1976	
Godfrey1977		Hartington1977	6.08	Kingston Airport1977	43.5	Kingston Pumping Station1977		Lyndhurst Shawmere1977	
Godfrey1978		Hartington1978	5.82	Kingston Airport1978	20.5	Kingston Pumping Station1978		Lyndhurst Shawmere1978	6.26
Godfrey1979		Hartington1979	6.28	Kingston Airport1979	66	Kingston Pumping Station1979	7.06	Lyndhurst Shawmere1979	6.59
Godfrey1980		Hartington1980	6.90	Kingston Airport1980	150	Kingston Pumping Station1980	7.72	Lyndhurst Shawmere1980	7.14
Godfrey1981		Hartington1981	6.09	Kingston Airport1981	45	Kingston Pumping Station1981	7.05	Lyndhurst Shawmere1981	6.33
Godfrey1982		Hartington1982	5.88	Kingston Airport1982	26.5	Kingston Pumping Station1982	6.67	Lyndhurst Shawmere1982	5.93
Godfrey1983		Hartington1983	8.14	Kingston Airport1983	275	Kingston Pumping Station1983	8.82	Lyndhurst Shawmere1983	8.09
Godfrey1984		Hartington1984	6.25	Kingston Airport1984	61.5	Kingston Pumping Station1984	7.16	Lyndhurst Shawmere1984	6.28
Godfrey1985		Hartington1985	6.83	Kingston Airport1985	142	Kingston Pumping Station1985	7.76	Lyndhurst Shawmere1985	6.93
Godfrey1986	6.18	Hartington1986	6.63	Kingston Airport1986	109.5	Kingston Pumping Station1986	7.46	Lyndhurst Shawmere1986	6.66
Godfrey1987	7.00	Hartington1987	7.66	Kingston Airport1987	236.5	Kingston Pumping Station1987	8.48	Lyndhurst Shawmere1987	7.36
Godfrey1988	6.76	Hartington1988	7.43	Kingston Airport1988	220	Kingston Pumping Station1988	8.18	Lyndhurst Shawmere1988	7.35
Godfrey1989	6.25	Hartington1989	6.71	Kingston Airport1989	125.5	Kingston Pumping Station1989	7.75	Lyndhurst Shawmere1989	6.88
Godfrey1990	6.16	Hartington1990	6.68	Kingston Airport1990	118.5	Kingston Pumping Station1990	7.41	Lyndhurst Shawmere1990	6.70
Godfrey1991	7.62	Hartington1991	8.02	Kingston Airport1991	266.5	Kingston Pumping Station1991	8.81	Lyndhurst Shawmere1991	8.21
Godfrey1992	5.64	Hartington1992	6.05	Kingston Airport1992	41	Kingston Pumping Station1992	6.87	Lyndhurst Shawmere1992	6.15
Godfrey1993	5.68	Hartington1993	6.14	Kingston Airport1993	51.5	Kingston Pumping Station1993	6.93	Lyndhurst Shawmere1993	6.31
Godfrey1994	5.13	Hartington1994	5.57	Kingston Airport1994	8	Kingston Pumping Station1994	6.40	Lyndhurst Shawmere1994	5.69
Godfrey1995	7.03	Hartington1995	7.21	Kingston Airport1995	195	Kingston Pumping Station1995	8.32	Lyndhurst Shawmere1995	7.84
Godfrey1996	5.72	Hartington1996	6.07	Kingston Airport1996	42	Kingston Pumping Station1996	7.03	Lyndhurst Shawmere1996	6.43
Godfrey1997	6.19	Hartington1997	6.01	Kingston Airport1997	38	Kingston Pumping Station1997	7.32	Lyndhurst Shawmere1997	6.74
Godfrey1998	7.78	Hartington1998	7.46	Kingston Airport1998	222	Kingston Pumping Station1998	8.76	Lyndhurst Shawmere1998	8.33
Godfrey1999	7.61	Hartington1999	8.13	Kingston Airport1999	273.5	Kingston Pumping Station1999	8.82	Lyndhurst Shawmere1999	
Godfrey2000	6.88	Hartington2000	7.01	Kingston Airport2000	168.5	Kingston Pumping Station2000	7.80	Lyndhurst Shawmere2000	
Godfrey2001		Hartington2001	6.94	Kingston Airport2001	157.5	Kingston Pumping Station2001	7.75	Lyndhurst Shawmere2001	
Godfrey2002		Hartington2002	8.73	Kingston Airport2002	300.5	Kingston Pumping Station2002	9.38	Lyndhurst Shawmere2002	
Count	15	Count	33	Count	27	Count	24	Count	22
Sum	1609	Sum	4143.5	Sum	3086.5	Sum	5500	Sum	2966.5
	172592		520260		352833		1260417		400006

Table C.1.: Temperature Kruskal-Wallis Test

Mallorytown Landing1961		Napaneel1961		Picton1961		Sandhurst1961		Wolfe Island1961	
Mallorytown Landing1962		Napaneel1962		Picton1962		Sandhurst1962		Wolfe Island1962	
Mallorytown Landing1963		Napaneel1963		Picton1963		Sandhurst1963		Wolfe Island1963	
Mallorytown Landing1964		Napaneel1964		Picton1964		Sandhurst1964		Wolfe Island1964	
Mallorytown Landing1965		Napaneel1965		Picton1965		Sandhurst1965		Wolfe Island1965	
Mallorytown Landing1966		Napaneel1966		Picton1966	7.33	210	210	Wolfe Island1966	
Mallorytown Landing1967		Napaneel1967		Picton1967	7.68	240.5	240.5	Wolfe Island1967	
Mallorytown Landing1968		Napaneel1968		Picton1968				Wolfe Island1968	
Mallorytown Landing1969		Napaneel1969		Picton1969	7.60	230	230	Wolfe Island1969	
Mallorytown Landing1970		Napaneel1970		Picton1970	7.18	191.5	191.5	Wolfe Island1970	
Mallorytown Landing1971		Napaneel1971		Picton1971	7.13	184	184	Wolfe Island1971	
Mallorytown Landing1972		Napaneel1972		Picton1972				Wolfe Island1972	
Mallorytown Landing1973		Napaneel1973		Picton1973	7.93	262	262	Wolfe Island1973	
Mallorytown Landing1974		Napaneel1974		Picton1974	7.26	201.5	201.5	Wolfe Island1974	
Mallorytown Landing1975		Napaneel1975		Picton1975	7.98	265	265	Wolfe Island1975	
Mallorytown Landing1976		Napaneel1976		Picton1976	7.78	251.5	251.5	Wolfe Island1976	
Mallorytown Landing1977		Napaneel1977		Picton1977	6.78	136.5	136.5	Wolfe Island1977	
Mallorytown Landing1978		Napaneel1978		Picton1978	6.30	72.5	72.5	Wolfe Island1978	
Mallorytown Landing1979	6.68	Napaneel1979		Picton1979	6.98	162.5	162.5	Wolfe Island1979	
Mallorytown Landing1980	7.39	Napaneel1980		Picton1980	7.67	238.5	238.5	Wolfe Island1980	
Mallorytown Landing1981	6.68	Napaneel1981		Picton1981	7.07	179.5	179.5	Wolfe Island1981	
Mallorytown Landing1982	6.23	Napaneel1982		Picton1982	6.75	128.5	128.5	Wolfe Island1982	
Mallorytown Landing1983	8.31	Napaneel1983		Picton1983	9.04	309	309	Wolfe Island1983	
Mallorytown Landing1984	6.68	Napaneel1984		Picton1984	7.18	191.5	191.5	Wolfe Island1984	
Mallorytown Landing1985	7.31	Napaneel1985		Picton1985	7.83	257	257	Wolfe Island1985	
Mallorytown Landing1986	6.98	Napaneel1986		Picton1986	7.60	230	230	Wolfe Island1986	
Mallorytown Landing1987	7.96	Napaneel1987		Picton1987	8.69	298	298	Wolfe Island1987	8.16
Mallorytown Landing1988	7.73	Napaneel1988		Picton1988	8.15	276.5	276.5	Wolfe Island1988	
Mallorytown Landing1989	7.28	Napaneel1989		Picton1989	7.83	257	257	Wolfe Island1989	7.50
Mallorytown Landing1990	7.03	Napaneel1990		Picton1990	7.68	240.5	240.5	Wolfe Island1990	7.30
Mallorytown Landing1991		Napaneel1991	8.27	Picton1991	9.11	310	310	Wolfe Island1991	8.68
Mallorytown Landing1992		Napaneel1992	6.39	Picton1992				Wolfe Island1992	
Mallorytown Landing1993		Napaneel1993	6.48	Picton1993	7.03	172	172	Wolfe Island1993	6.71
Mallorytown Landing1994		Napaneel1994	5.88	Picton1994	6.60	105	105	Wolfe Island1994	6.14
Mallorytown Landing1995		Napaneel1995	7.82	Picton1995				Wolfe Island1995	7.97
Mallorytown Landing1996		Napaneel1996	6.49	Picton1996				Wolfe Island1996	264
Mallorytown Landing1997		Napaneel1997	6.97	Picton1997	160.5			Wolfe Island1997	
Mallorytown Landing1998		Napaneel1998	8.62	Picton1998	295.5			Wolfe Island1998	
Mallorytown Landing1999		Napaneel1999	8.47	Picton1999	291			Wolfe Island1999	
Mallorytown Landing2000		Napaneel2000	7.66	Picton2000	236.5			Wolfe Island2000	
Mallorytown Landing2001		Napaneel2001	7.37	Picton2001	214.5			Wolfe Island2001	
Mallorytown Landing2002		Napaneel2002		Picton2002				Wolfe Island2002	
	Count		11	Count	26	Count	6	Count	7
	Sum	2175	2039	Sum	5600.5	Sum	1216	Sum	1448
		394219	377956		1206369		246443		299529