

Table 1. Meteorological factors

	Jun.-Jul. 1988		Dec.-Jan. 1988,89	
	Range	(Mean)	Range	(Mean)
Temperature (°C)	20.2 - 27.8	(24.2)	3.6 - 12.7	(7.8)
Humidity (%)	62 - 93	(76.6)	54 - 89	(65.3)
Cloud (Max=10)	2.5 - 10	(8.8)	0.3 - 10	(6.8)
Wind speed (m/s)	1.6 - 9.3	(3.3)	1.8 - 8.6	(3.5)
Rain (mm)	0 - 54.5	(5.2)	0 - 7.5	(0.95)
Visibility (km)	8.0 - 27.5	(15.5)	13.5 - 42.5	(22.9)
TSP (ug/m ³)	25.7 - 204	(75.3)	22.4 - 169	(78.5)

TSP:Total suspended particulate

Table 2. Atmospheric levels (pg/m³)

	Jun.-Jul. 1988		Dec.-Jan. 1988,89	
	Range	(Mean)	Range	(Mean)
PCDFs	< 0.1 - 22.4	(3.3)	< 0.1 - 10.6	(1.0)
PCDDs	< 0.1 - 28.2	(5.4)	< 0.1 - 6.8	(1.0)
PCBs	169 - 1479	(446)	2.2 - 2310	(536)
t-CHL	207 - 2406	(687)	7.0 - 538	(157)
c-CHL	176 - 1934	(581)	8.3 - 452	(134)

Table 3. Correlation matrix (Dec.1988 - Jan.1989)

R.T	575	593	606	501	559	585	618	654	857	1090	1199	1216
	t-CHL	c-CHL	nona	52	91	101	DDE	149	BA	BF	HepCDF	HepCDD
t-CHL	1	0.994	0.995	0.619	0.737	0.753	0.650	0.625	0.453	0.451	0.249	0.128
c-CHL		1	0.987	0.643	0.769	0.796	0.697	0.669	0.419	0.411	0.269	0.143
nona			1	0.616	0.713	0.730	0.623	0.600	0.468	0.455	0.276	0.150
52				1	0.907	0.875	0.620	0.882	0.108	0.128	0.159	0.083
91					1	0.963	0.781	0.966	0.081	0.096	0.165	0.100
101						1	0.835	0.962	0.000	0.007	0.153	0.104
DDE							1	0.761	0.029	0.026	0.124	0.113
149								1	0.049	0.020	0.159	0.137
BA									1	0.949	0.302	0.290
BF										1	0.247	0.247
HepCDF											1	0.669
HepCDD												1

t-CHL: trans-chlordane; c-CHL: cis-chlordane; nona: trans-nonachlor;
 52: 2,5,2',5'-tetra chlorobiphenyl (CB); 91: 2,3,6,2',4'-penta CB;
 101:2,4,5,2',5'-penta CB; DDE: p,p'-DDE; 149: 2,3,6,2',4',5'-hexa CB;
 BA: benz(a)anthracene; BF:benzo(b)fluoranthene+B(j)F+B(k)F;
 HepCDF; 1,2,3,4,6,7,8-hepta chloro dibenzofuran;
 HepCDD: 1,2,3,4,6,7,9-hepta chloro dibenzo-p-dioxin.