Table S1. Total dinoflagellate cyst fluxes and cyst counts in samples from deployments 3 through 7 of the Cariaco Basin sediment trap time series.

Sample information				Fluxes (cysts m^{2} day^{-1})			Cyst counts																																								
USC ID	UVic ID	Cup opens	Duration (days)	Total dinoflagellate cyst flux	Total 'autotroph' flux	Total 'heterotroph' flux	Total dinoflagellate cysts counted	Cyst of *Archaeperidinium constrictum*	*Bitectatodinium spongium*	*Brigantedinium* spp.	Cyst of *Diplopelta* cf. *symmetrica*	Cyst of cf. *Diplopelta* sp.	*Dubridinium* spp.	*Echinidinium aculeatum*	*Echinidinium delicatum*	*Echinidinium granulatum*	*Echinidinium* spp.	Cyst of cf. *Ensiculifera carinata*	Cyst of *Gymnodinium nolleri*	*Lejeunecysta marieae*	*Lejeunecysta oliva*	*?Lejeunecysta* sp.	*Lingulodinium machaerophorum*	*Operculodinium centrocarpum*	Cyst of *Pentapharsodinium dalei*	Cyst of *Polykrikos kofoidii*	*Polysphaeridium zoharyi*	Cyst of *Protoperidinium americanum*	Cyst of *Protoperidinium fukuyoi*	Cyst of *Protoperidinium oblongum*	Cyst of *Protoperidinium stellatum*	Cyst of *Protoperidinium* sp. C	*Quinquecuspis concreta*	*Selenopemphix nephroides*	*Selenopemphix quanta*	*Spiniferites ramosus*	*Spiniferites mirabilis*	*Spiniferites* spp.	*Stelladinium robustum*	*Votadinium spinosum*	Other spiny browns	Other protoperidinioids	Cyst type Cp	Spiny brown type A	Spiny brown type C	Spiny brown type D	Unknown cysts
3A-1	**15-789**	08-Nov-96	14	28035	557	27478	304	0	0	197	5	2	3	0	60	0	1	0	0	0	0	0	3	0	1	0	0	0	0	0	3	0	2	5	2	0	0	2	0	0	1	4	0	13	0	0	0
3A-2	**15-790**	22-Nov-96	14	28241	445	27617	317	1	3	214	1	0	0	0	13	0	1	0	0	0	1	1	0	0	0	0	0	0	1	0	13	0	1	4	4	0	1	1	0	0	0	0	0	54	3	0	0
3A-3	**15-791**	06-Dec-96	14	4306	55	4250	312	0	1	276	0	0	1	0	4	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	4	0	2	2	0	0	0	1	0	0	1	1	0	17	0	0	0
3A-4	**15-792**	20-Dec-96	14	9706	204	9473	333	1	1	216	0	4	10	18	20	0	1	0	0	0	0	0	2	0	0	0	0	4	0	0	37	0	1	1	1	4	0	0	5	0	0	0	0	7	0	0	0
3A-5	**15-793**	03-Jan-97	14	16609	259	16350	321	2	0	208	0	1	5	6	31	0	1	0	0	0	0	0	1	2	0	0	0	2	0	0	31	0	2	1	3	1	1	0	0	1	0	1	0	18	3	0	0
3A-6	**15-794**	17-Jan-97	14	18488	229	18259	323	1	2	258	0	3	2	7	7	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	2	0	2	0	4	1	0	0	1	0	2	0	0	8	21	0	0
3A-7	**15-795**	31-Jan-97	14	17352	202	17150	344	0	1	263	0	31	1	2	8	0	0	0	0	0	0	0	2	0	0	0	0	4	1	0	3	0	0	0	2	0	1	0	0	0	0	0	11	0	14	0	0
3A-8	**15-796**	14-Feb-97	14	55676	353	55323	315	0	0	199	0	20	5	1	10	0	7	0	0	0	0	0	1	0	0	0	0	4	0	1	0	0	0	1	4	0	0	1	2	0	1	0	2	11	45	0	0
3A-9	**15-797**	28-Feb-97	14	49520	152	49368	325	0	0	230	0	9	3	0	11	0	1	0	0	0	0	0	0	0	0	0	0	2	0	1	2	0	2	8	7	0	1	0	0	0	1	1	2	4	40	0	0
3A-10	**15-798**	14-Mar-97	14	69188	969	68219	357	0	1	104	0	5	0	0	18	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	23	0	4	0	0	0	0	0	0	1	188	0	0
4A-1	**15-799**	15-May-97	7	58007	4001	54007	319	0	18	144	0	1	2	1	22	0	0	0	0	0	0	0	0	0	1	0	0	3	0	0	35	0	1	82	2	0	2	1	0	0	0	0	0	0	4	0	0
4A-2	**15-800**	22-May-97	14	9900	1917	7983	315	0	45	197	0	0	0	0	15	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	13	0	1	17	9	1	13	1	0	0	1	0	0	0	1	0	0
4A-3	**15-801**	05-Jun-97	14	6873	286	6564	312	0	11	215	0	0	2	0	12	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	22	0	1	43	0	1	0	0	0	0	1	0	0	0	3	0	0
4A-4	**15-802**	19-Jun-97	14	10733	690	10011	342	0	15	49	0	0	0	0	17	231	1	2	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	3	5	0	4	0	0	0	3	1	4	2	3	0	0
4A-5	**15-803**	03-Jul-97	14	43049	7175	35874	378	0	8	64	0	1	4	4	17	194	2	42	0	0	0	0	5	0	0	0	0	0	0	1	2	0	0	8	10	0	8	0	0	0	0	0	4	0	4	0	0
4A-6	**15-804**	17-Jul-97	14	40816	12688	28127	460	0	8	108	0	1	0	0	4	165	3	127	0	0	0	2	2	0	0	0	0	1	0	0	2	0	2	4	7	1	3	2	0	0	2	0	3	1	9	3	0
4A-7	**15-805**	31-Jul-97	14	34311	4480	29832	337	0	7	87	0	0	3	0	7	153	0	31	0	0	0	0	0	0	0	0	0	0	0	1	4	0	0	11	6	3	3	0	0	0	1	0	1	0	18	1	0
4A-8	**15-806**	14-Aug-97	14	8489	1714	6722	317	0	9	104	2	2	0	2	5	111	0	46	0	0	0	2	1	0	0	0	0	0	0	0	4	0	1	4	3	3	3	2	0	0	0	2	0	3	8	0	0
4A-9	**15-807**	28-Aug-97	14	13394	1680	11714	311	1	4	120	0	2	0	1	27	101	0	31	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2	7	3	2	2	0	0	0	0	0	0	5	1	0	0
4A-10	**15-808**	11-Sep-97	14	14288	1324	12873	313	1	5	140	0	0	1	2	17	100	0	17	0	0	0	0	3	1	0	0	0	0	0	0	0	0	1	6	3	1	2	0	0	0	0	0	0	10	3	0	0
4A-11	**15-809**	25-Sep-97	14	6738	1685	5054	312	3	14	153	0	2	0	0	7	49	1	62	0	0	0	2	0	0	0	0	0	0	0	0	1	0	0	4	1	0	2	0	0	0	0	0	0	10	1	0	0
4A-12	**15-810**	09-Oct-97	14	3117	359	2729	321	3	6	153	0	0	0	0	12	94	2	23	0	0	0	0	1	0	0	0	0	0	0	0	0	0	3	2	4	1	6	0	0	0	0	2	0	9	0	0	0
4A-13	**15-811**	23-Oct-97	11	3703	498	3113	320	1	9	171	0	0	1	0	7	63	0	29	0	0	0	7	0	1	0	0	0	0	0	0	4	0	1	8	6	1	4	0	0	0	0	0	0	7	0	0	0
5A-1	**15-812**	13-Nov-97	7	10172	1014	8831	311	0	8	213	0	0	1	0	15	12	0	2	0	0	0	0	0	3	0	0	0	0	0	0	26	0	0	4	6	15	3	0	0	0	0	0	0	2	0	0	1
5A-2	**15-813**	20-Nov-97	14	8581	545	7955	315	1	8	184	0	0	2	1	24	5	0	3	0	0	0	2	3	0	0	0	0	0	0	0	8	0	0	4	1	4	2	0	0	0	0	0	0	62	0	0	1
5A-3	**15-814**	04-Dec-97	14	21162	665	20497	318	1	4	191	0	0	1	0	87	0	0	3	0	0	0	0	0	0	1	0	0	0	0	0	4	0	0	1	2	2	0	0	0	0	0	0	0	21	0	0	0
5A-4	**15-815**	18-Dec-97	14	11082	781	10301	312	0	18	163	2	0	1	0	112	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	0	2	4	1	1	0	0	0	0	0	0	4	0	1	0
5A-5	**15-816**	01-Jan-98	14	30723	569	30059	324	0	1	172	0	0	0	0	130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	3	1	0	5	0	0	0	0	0	5	0	0	5	0
5A-6	**15-817**	15-Jan-98	14	1569	28	1541	281	0	1	217	1	0	0	0	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	6	3	1	3	0	0	0	0	0	0	3	0	6	0
5A-7	**15-818**	29-Jan-98	14	4543	303	4211	315	0	3	181	0	0	0	2	71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	18	0	0	0	0	0	1	0	0	36	0
5A-8	**15-819**	12-Feb-98	14	4167	268	3899	311	0	9	219	0	0	0	0	40	0	4	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	7	4	1	10	0	0	0	0	0	0	4	0	11	0
5A-9	**15-820**	26-Feb-98	14	14760	596	14164	322	0	7	191	0	0	0	1	96	0	5	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	1	2	0	5	0	0	0	0	0	0	2	0	8	1
5A-10	**15-821**	12-Mar-98	14	19509	246	19263	317	0	2	245	0	0	1	1	29	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	2	0	2	0	0	0	0	0	0	12	0	6	0
5A-11	**15-822**	26-Mar-98	14	39694	1623	38071	318	1	6	216	0	0	2	0	34	0	3	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	6	3	1	4	0	0	0	0	0	1	28	6	4	0
5A-12	**15-823**	09-Apr-98	14	13896	438	13458	317	2	6	215	0	0	1	0	31	0	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	6	0	0	0	0	0	1	0	6	21	3	3	0
5A-13	**15-824**	23-Apr-98	11	11884	606	11278	314	0	12	184	2	0	0	2	43	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	4	0	1	11	6	0	3	0	0	0	0	0	12	20	6	6	0
6A-1+2	**15-825+6**	03-Jun-98	7+7	4819	744	4075	314	3	5	183	0	0	1	1	30	0	0	0	0	3	0	1	1	0	0	0	0	0	0	0	16	0	1	18	6	7	32	3	0	0	0	1	0	0	2	0	0
6A-3+4	**15-827+8**	17-Jun-98	7+7	7248	361	6887	313	0	3	97	0	0	0	0	12	0	0	0	47	2	0	1	1	1	0	0	0	0	123	0	4	0	0	6	1	2	9	0	0	0	0	1	2	0	0	1	0
6A-5	**15-829**	01-Jul-98	14	23057	757	22300	335	0	0	132	2	0	0	3	99	1	1	0	11	1	0	0	0	0	0	0	0	0	52	0	1	0	0	6	4	0	11	0	0	0	1	0	0	10	0	0	0
6A-6	**15-830**	15-Jul-98	14	8739	246	8439	320	0	5	95	0	0	8	0	134	0	0	1	6	0	0	0	0	0	0	0	0	0	23	0	1	0	0	3	11	0	3	0	0	0	0	0	0	30	0	0	0
6A-7	**15-831**	29-Jul-98	14	9689	679	8979	314	0	12	195	0	0	2	0	54	0	2	0	6	1	0	0	0	0	0	0	0	0	8	0	0	0	0	5	6	1	7	2	0	0	0	0	0	12	1	0	0
6A-8	**15-832**	12-Aug-98	14	7788	195	7592	319	0	7	195	0	0	0	0	67	0	3	0	3	2	0	0	0	0	0	0	0	0	14	0	1	0	0	4	8	0	1	0	0	0	0	0	0	10	4	0	0
6A-9	**15-833**	26-Aug-98	14	5862	203	5591	260	0	8	185	0	0	0	1	32	1	0	0	8	1	1	0	0	0	0	0	0	0	4	0	3	0	0	1	4	1	0	0	0	0	0	0	0	8	0	1	0
6A-10	**15-834**	09-Sep-98	14	5148	223	4925	254	0	4	183	0	0	0	1	12	0	0	0	8	1	0	0	0	0	0	0	0	0	7	0	2	0	0	4	11	4	3	0	0	0	2	0	0	12	0	0	0
6A-11	**15-835**	23-Sep-98	14	9733	188	9451	311	2	5	219	0	0	7	0	54	0	0	0	11	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	0	1	0	0	0	0	0	0	9	0	0	0
6A-12	**15-836**	07-Oct-98	14	6102	196	5867	311	1	4	214	0	0	1	0	56	0	0	0	4	1	0	0	0	0	0	0	0	0	5	0	1	1	0	5	4	1	5	0	0	0	0	0	0	7	0	0	0
6A-13	**15-837**	21-Oct-98	12	4275	90	4149	238	0	2	188	0	0	0	0	26	0	1	0	3	0	0	1	1	0	0	0	0	0	0	0	0	0	0	7	5	0	2	0	0	0	1	0	0	1	0	0	0
7A-1	**15-838**	07-Nov-98	14	2106	100	2005	126	0	5	100	2	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	6	3	0	1	0	0	0	0	0	0	4	0	1	0
7A-2	**15-839**	21-Nov-98	14	19687	123	19440	319	1	2	196	2	0	0	1	31	3	0	0	0	0	1	0	0	0	0	0	0	0	0	0	69	0	0	2	5	0	0	0	0	0	1	0	0	3	0	1	1
7A-3	**15-840**	05-Dec-98	14	13264	287	12936	323	0	4	258	3	0	0	1	7	2	7	0	0	0	0	0	0	0	0	0	1	0	2	1	28	0	0	0	1	0	2	0	0	0	0	0	0	6	0	0	0
7A-4	**15-841**	19-Dec-98	14	1680	36	1637	231	0	3	190	2	0	0	0	1	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	27	0	0	1	0	0	1	0	0	0	0	0	0	2	1	0	0
7A-5	**15-842**	02-Jan-99	14	10533	62	10470	338	0	1	106	3	0	0	1	21	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	11	0	0	0	3	0	1	0	0	0	0	0	0	179	2	1	0
7A-6	**15-843**	16-Jan-99	14	8253	103	8151	322	1	0	185	3	0	0	0	10	0	3	0	0	0	0	0	0	0	2	0	0	0	0	0	13	0	0	0	4	2	0	0	1	0	0	0	0	98	0	0	0
7A-7	**15-844**	30-Jan-99	14	11344	140	11204	325	1	1	113	1	14	0	0	84	0	1	0	0	0	0	2	0	0	2	1	0	0	0	0	9	0	0	4	3	0	1	0	0	0	0	0	61	27	0	0	0
7A-8	**15-845**	13-Feb-99	14	7691	48	7643	322	0	0	86	0	13	0	0	22	0	0	0	0	0	0	1	1	0	0	0	0	0	3	0	4	0	0	0	0	0	1	0	0	0	0	0	189	2	0	0	0
7A-9	**15-846**	27-Feb-99	14	5866	196	5670	330	0	8	101	0	12	0	0	31	0	1	0	0	0	0	0	1	0	1	0	0	0	3	0	5	0	0	1	4	1	0	0	0	0	0	0	148	13	0	0	0
7A-10	**15-847**	13-Mar-99	14	12146	324	11822	337	0	6	161	1	12	0	0	31	0	4	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	2	1	1	0	0	0	0	0	0	107	6	0	0	0
7A-11	**15-848**	27-Mar-99	14	29318	588	28730	349	0	6	169	0	16	0	0	23	1	6	0	0	0	0	0	0	0	0	0	0	0	6	0	2	0	0	1	6	0	1	0	0	0	0	1	94	17	0	0	0
7A-12	**15-849**	10-Apr-99	14	35024	916	34108	344	0	5	158	2	15	0	0	20	0	6	0	0	0	0	2	0	2	0	0	0	0	0	0	4	0	1	0	1	0	0	2	0	0	0	0	116	9	0	1	0
7A-13	**15-850**	24-Apr-99	9	31754	1452	30205	328	0	8	127	0	19	2	0	24	0	5	0	0	0	0	0	1	4	0	0	0	0	1	0	5	0	0	1	5	0	0	2	0	0	0	0	112	12	0	0	0

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Table S2. Measured ‘physico-chemical’ and ‘biological’ variables used in RDA_{envi} and RDA_{bioI} multivariate analyses. The first number in the USC sample ID is the deployment (3 through 7), the letter is the trap (Trap A), and the last number is the cup (1 through 13). Precipitation data were acquired from the GPCP Version 1.2 One-Degree Daily Precipitation Data Set (data set ds728.3, https://rda.ucar.edu). Data from the ‘Trap’ and ‘Water column’ data sets were obtained from the Cariaco Ocean Time Series Program (available at www.imars.usf.edu/cariaco). Water column data correspond to measurements at 25 m depth, except for Chl *a* data that was integrated over the upper 100 m of the water column. ‘Photopigment’ data were obtained from Pinckney et al. (2015) and were integrated over the upper 100 m. ‘Palynological’ data were generated in this study, and the ‘Siliceous’ data set was obtained from Romero et al. (2009). The reader is referred to Sections 3.1 and 3.4 of the article for more details.

Sample information				Precipitation	‘Trap’ data set				‘Water column’ data set									‘Photopigments’ data set								‘Palynological’ data set								‘Siliceous’ data set	
																					Autotrophic						Copepod							
USC ID	UVic ID	Cup opens	Duration (days)	Precipitation ($mm\,d^{-1}$)	C_{org} ($g\,m^{2}\,day^{-1}$)	$CaCO_3$ ($g\,m^{2}\,day^{-1}$)	bioSi ($g\,m^{2}\,day^{-1}$)	N ($g\,m^{2}\,day^{-1}$)	SST (°C)	SSS (psu)	σ_t ($kg\,m^{3}$)	PO_4 (μM)	$Si(OH)_4$ (μM)	C/N (-)	Phaeo pigments ($mg\,m^{2}$)	Chl *a* (integrated) ($mg\,100\,m^{2}$)	Diatoms ($ng\,Chl\,a\,100\,m^{2}$)	Haptophytes ($ng\,Chl\,a\,100\,m^{2}$)	Prasinophytes ($ng\,Chl\,a\,100\,m^{2}$)	dinoflagellates ($ng\,Chl\,a\,100\,m^{2}$)	Cryptophytes ($ng\,Chl\,a\,100\,m^{2}$)	Chlorophytes ($ng\,Chl\,a\,100\,m^{2}$)	Cyanobacteria ($ng\,Chl\,a\,100\,m^{2}$)	Ciliates ($ind\,m^{2}\,day^{-1}$)	eggs ($ind\,m^{2}\,day^{-1}$)	Mendibles ($ind\,m^{2}\,day^{-1}$)	org. linings ($ind\,m^{2}\,day^{-1}$)	Microforam. ($ind\,m^{2}\,day^{-1}$)	Diatoms ($ind\,m^{2}\,day^{-1}$)	Silico-flagellates ($ind\,m^{2}\,day^{-1}$)
3A-1	**15-789**	08-Nov-96	14	1.111	0.040	0.081	0.090	0.006	24.26	36.87	25.08	0.158	1.331	6.483	0.725	50.408	22103	7673	1968	1103	1198	1778	1805	21112	3342	32751	1300	595604	112640
3A-2	**15-790**	22-Nov-96	14	0.891	0.080	0.142	0.135	0.013	25.05	36.87	24.94	0.106	1.515	6.678	0.700	33.391	14055	5780	3069	780	1189	1092	1893	42116	7940	51092	1198	746728	304889
3A-3	**15-791**	06-Dec-96	14	0.549	0.025	0.031	0.034	0.004	25.46	36.88	24.88	0.093	1.824	6.664	0.656	28.955	16473	4366	3663	769	1185	640	1944	18673	2209	7056	193	94855	77059
3A-4	**15-792**	20-Dec-96	14	0.290	0.041	0.064	0.078	0.006	24.34	36.88	25.13	0.238	2.633	6.680	0.525	77.207	52854	5275	2611	1750	1220	1024	1812	14331	1516	16489	612	nd	nd
3A-5	**15-793**	03-Jan-97	14	0.187	0.046	0.044	0.104	0.007	23.32	36.88	25.38	0.344	3.122	6.718	0.393	111.335	79654	5837	1845	2534	1183	1288	1605	3603	1772	35433	155	nd	nd
3A-6	**15-794**	17-Jan-97	14	0.080	0.035	0.018	0.049	0.005	23.16	36.85	25.53	0.281	2.448	6.843	0.285	84.128	58155	4333	2707	2244	841	825	1153	3721	2003	25931	114	nd	nd
3A-7	**15-795**	31-Jan-97	14	0.529	0.030	0.018	0.047	0.005	23.07	36.83	25.68	0.205	1.691	6.974	0.179	52.571	31660	2615	3738	1843	469	288	674	8533	1775	16176	202	189256	7622
3A-8	**15-796**	14-Feb-97	14	0.040	0.089	0.042	0.209	0.013	22.39	36.79	25.82	0.347	1.964	6.973	0.288	47.943	29050	1718	1988	1160	114	8	344	26984	5997	41031	530	3210228	62348
3A-9	**15-797**	28-Feb-97	14	0.013	0.095	0.043	0.233	0.013	21.22	36.76	25.97	0.677	3.129	6.858	0.583	66.653	40970	784	4476	447	11	5	116	39245	6977	46804	914	3487859	19761
3A-10	**15-798**	14-Mar-97	14	0.111	0.123	0.035	0.264	0.019	20.89	36.76	26.03	0.707	3.520	6.864	0.700	76.574	45419	1695	5986	633	5	0	279	46429	7885	27217	388	6814108	0
4A-1	**15-799**	15-May-97	7	0.262	0.118	0.126	0.242	0.017	22.34	36.90	25.69	0.361	3.749	6.620	0.595	38.642	18048	3192	3237	1041	243	0	315	56377	17771	72045	2364	198178	0
4A-2	**15-800**	22-May-97	14	0.362	0.180	0.235	0.318	0.027	22.70	36.93	25.61	0.272	4.261	6.887	0.576	33.395	13753	3691	5428	923	179	0	522	16326	3460	16504	409	4033824	44206
4A-3	**15-801**	05-Jun-97	14	0.375	0.081	0.134	0.097	0.012	23.18	36.97	25.51	0.155	4.934	7.241	0.549	26.410	8066	4344	8308	765	95	0	794	27661	4523	12004	815	1219033	62628
4A-4	**15-802**	19-Jun-97	14	0.633	0.047	0.057	0.021	0.007	22.97	36.99	25.56	0.249	4.692	7.296	0.415	20.711	6606	3500	6353	552	46	9	560	9584	1387	2866	377	243299	11382
4A-5	**15-803**	03-Jul-97	14	0.279	0.072	0.088	0.107	0.010	22.38	36.99	25.68	0.430	4.018	7.102	0.253	17.365	12175	2606	2220	924	184	15	117	18336	4328	9956	1594	3100872	12281
4A-6	**15-804**	17-Jul-97	14	0.638	0.050	0.074	0.072	0.007	22.02	36.93	25.73	0.386	4.070	6.702	0.273	20.036	17595	4766	2916	1821	419	0	559	8317	5413	12067	1242	4199746	98240
4A-7	**15-805**	31-Jul-97	14	0.560	0.085	0.131	0.084	0.013	21.68	36.86	25.77	0.320	4.196	6.280	0.311	23.330	12090	6653	4580	1261	236	0	1371	17754	8088	16768	1629	1749997	12281
4A-8	**15-806**	14-Aug-97	14	0.483	0.028	0.049	0.031	0.004	21.94	36.77	25.66	0.248	4.123	6.045	0.320	23.991	7851	7422	5537	897	214	13	1923	4049	2429	3134	348	791132	40312
4A-9	**15-807**	28-Aug-97	14	0.284	0.042	0.087	0.039	0.006	23.66	36.62	25.17	0.163	3.562	6.268	0.255	18.190	6230	5446	4756	1014	592	57	1840	3772	1594	7724	7185	636094	0
4A-10	**15-808**	11-Sep-97	14	0.518	0.045	0.094	0.045	0.007	25.22	36.49	24.73	0.092	3.062	6.577	0.210	14.416	5062	3686	4162	1120	932	88	1616	8622	4670	5029	5389	1344544	21342
4A-11	**15-809**	25-Sep-97	14	0.398	0.035	0.079	0.022	0.005	25.58	36.52	24.63	0.101	3.000	7.225	0.281	22.787	5668	3705	4955	1054	986	46	802	4028	2807	732	5249	480206	0
4A-12	**15-810**	09-Oct-97	14	0.866	0.021	0.056	0.019	0.003	25.69	36.57	24.59	0.122	3.187	7.910	0.403	30.182	6235	4171	5619	982	953	4	69	9415	1398	373	4102	211940	20749
4A-13	**15-811**	23-Oct-97	11	0.298	0.022	0.067	0.022	0.003	25.46	36.61	24.66	0.139	4.017	8.476	0.631	27.157	5700	5275	5049	987	761	0	0	7165	1825	338	2433	286537	49044
5A-1	**15-812**	13-Nov-97	7	1.407	0.069	0.164	0.133	0.011	24.86	36.68	24.86	0.169	5.422	9.009	0.903	23.873	9816	6881	4208	1010	538	0	0	23321	1841	8392	3682	2447571	84691
5A-2	**15-813**	20-Nov-97	14	0.041	0.102	0.164	0.158	0.015	23.92	36.74	25.15	0.200	6.268	8.366	0.773	30.988	9167	7196	4428	1031	698	0	1	27875	3304	19822	1652	1276717	25407
5A-3	**15-814**	04-Dec-97	14	0.044	0.111	0.086	0.212	0.016	22.63	36.82	25.56	0.242	7.422	7.483	0.595	40.764	13775	7627	4723	1062	920	0	4	29458	5319	18002	266	609780	60978
5A-4	**15-815**	18-Dec-97	14	0.022	0.061	0.082	0.087	0.010	22.49	36.87	25.69	0.226	6.789	7.359	0.574	44.311	16020	7436	4042	1473	1182	0	357	15679	2851	10869	1604	2286640	60977
5A-5	**15-816**	01-Jan-98	14	0.000	0.089	0.057	0.083	0.010	23.19	36.90	25.63	0.166	4.809	7.795	0.668	43.294	16557	6773	2623	2171	1476	0	973	12625	2104	22094	95	nd	nd
5A-6	**15-817**	15-Jan-98	14	0.033	0.010	0.009	0.006	0.002	23.58	36.93	25.57	0.126	2.829	8.187	0.627	39.664	16312	5702	2075	2158	1290	0	969	999	374	2871	28	298641	7622
5A-7	**15-818**	29-Jan-98	14	0.112	0.027	0.018	0.024	0.004	23.72	36.96	25.51	0.102	0.919	8.530	0.487	34.221	15496	4364	2193	1617	755	0	504	1685	1123	5804	130	2595398	68601
5A-8	**15-819**	12-Feb-98	14	0.028	0.019	0.038	0.018	0.003	23.28	36.94	25.58	0.181	0.509	8.465	0.375	54.475	28428	4097	2399	1524	444	0	207	8026	897	2678	228	91467	20326
5A-9	**15-820**	26-Feb-98	14	0.017	0.050	0.120	0.066	0.008	22.34	36.88	25.75	0.349	1.461	8.034	0.290	97.175	53303	4799	2677	1839	344	0	72	18407	7860	11684	2974	177851	10163
5A-10	**15-821**	12-Mar-98	14	0.001	0.176	0.321	0.239	0.027	22.07	36.86	25.79	0.382	1.760	7.687	0.255	103.950	58085	5396	2794	1886	423	0	222	21246	2271	12389	5369	1871672	16938
5A-11	**15-822**	26-Mar-98	14	0.323	0.144	0.199	0.154	0.022	22.59	36.89	25.69	0.238	1.309	7.436	0.276	69.272	39863	5870	2727	1625	708	0	699	16443	14000	39166	10043	1109453	8469
5A-12	**15-823**	09-Apr-98	14	0.381	0.067	0.128	0.073	0.010	23.10	36.92	25.59	0.134	0.859	7.191	0.299	34.827	21373	6365	2661	1364	996	2	1177	11756	3446	9729	4865	429380	0
5A-13	**15-824**	23-Apr-98	11	0.001	0.045	0.101	0.046	0.007	23.42	36.93	25.49	0.079	0.583	7.517	0.460	26.526	13815	8713	2773	1087	1576	150	1739	18034	3515	7841	3515	190785	0
6A-1+2	**15-825+6**	03-Jun-98	7+7	1.855	0.081	0.178	0.087	0.012	23.93	36.91	25.18	0.069	0.123	9.807	1.289	56.149	11968	21004	3425	70	4035	950	3772	63035	4074	12628	821	nd	nd
6A-3+4	**15-827+8**	17-Jun-98	7+7	0.702	0.069	0.113	0.050	0.008	23.20	36.91	25.39	0.168	0.741	8.643	0.940	41.585	8227	19400	2439	18	2455	544	2998	24389	3147	10858	1197	nd	nd
6A-5	**15-829**	01-Jul-98	14	0.900	0.057	0.054	0.055	0.007	22.54	36.91	25.59	0.262	1.341	7.500	0.537	25.370	4716	17057	1415	5	721	139	2173	11464	625	19176	619	nd	nd
6A-6	**15-830**	15-Jul-98	14	0.207	0.081	0.033	0.083	0.012	23.74	36.84	25.26	0.174	0.823	8.904	0.375	22.976	6130	14494	1490	17	423	572	2633	2787	0	14530	328	nd	nd
6A-7	**15-831**	29-Jul-98	14	0.570	0.044	0.058	0.050	0.007	25.22	36.75	24.85	0.058	0.114	10.651	0.288	23.466	8356	11738	1727	32	521	1112	3291	9911	2745	7410	1647	nd	nd
6A-8	**15-832**	12-Aug-98	14	0.244	0.041	0.075	0.049	0.006	25.44	36.69	24.78	0.071	0.000	10.384	0.300	20.035	7702	8009	1179	28	892	950	3105	7822	3357	3357	1408	nd	nd
6A-9	**15-833**	26-Aug-98	14	0.763	0.055	0.110	0.076	0.010	25.41	36.65	24.77	0.098	0.014	10.139	0.355	17.052	6988	4728	640	22	1232	685	2806	33959	4266	5523	4910	nd	nd
6A-10	**15-834**	09-Sep-98	14	0.320	0.057	0.094	0.084	0.008	25.28	36.69	24.82	0.071	0.105	12.032	0.540	20.265	5800	4764	941	20	1133	585	2757	27565	2946	13887	2735	nd	nd
6A-11	**15-835**	23-Sep-98	14	0.345	0.081	0.119	0.119	0.012	25.14	36.75	24.88	0.036	0.205	14.230	0.745	24.365	5083	5274	1362	19	970	509	2744	26512	2104	13467	4208	nd	nd
6A-12	**15-836**	07-Oct-98	14	0.361	0.043	0.100	0.063	0.006	25.08	36.79	24.92	0.005	0.310	15.597	0.891	27.540	4366	5784	1783	17	808	433	2730	12888	3887	4091	3273	nd	nd
6A-13	**15-837**	21-Oct-98	12	0.038	0.031	0.089	0.045	0.005	25.55	36.74	24.82	0.000	0.431	11.550	0.654	24.573	3700	6258	2174	16	658	363	2718	7856	2946	2946	1473	nd	nd
7A-1	**15-838**	07-Nov-98	14	0.454	0.055	0.108	0.058	0.009	26.16	36.69	24.71	0.007	0.568	6.212	0.343	20.457	2779	6914	2715	15	449	265	2701	25162	5933	4705	1841	nd	nd
7A-2	**15-839**	21-Nov-98	14	0.133	0.068	0.156	0.127	0.010	26.11	36.72	24.77	0.030	0.573	6.874	0.437	21.800	2062	7424	3136	14	287	189	2687	112105	5728	24549	4091	nd	nd
7A-3	**15-840**	05-Dec-98	14	0.861	0.046	0.104	0.057	0.008	26.01	36.74	24.83	0.057	0.590	7.693	0.543	23.477	1574	8127	3522	12	165	124	2681	50500	3507	9819	2104	nd	nd
7A-4	**15-841**	19-Dec-98	14	0.066	0.023	0.034	0.029	0.004	24.92	36.80	25.07	0.178	1.282	6.853	0.602	31.448	10763	16989	2408	14	1769	504	2992	10952	1322	3210	73	1034133	536598
7A-5	**15-842**	02-Jan-99	14	0.029	0.018	0.023	0.028	0.003	23.34	36.87	25.39	0.342	2.275	5.252	0.643	43.784	24306	29418	572	16	4152	1086	3423	2039	465	8372	31	6091043	497954
7A-6	**15-843**	16-Jan-99	14	0.107	0.020	0.029	0.018	0.003	22.58	36.87	25.53	0.338	2.118	5.944	0.830	80.748	23661	26682	32	14	3898	1008	2852	2453	961	12648	26	5415474	231193
7A-7	**15-844**	30-Jan-99	14	0.138	0.033	0.036	0.039	0.005	22.17	36.84	25.59	0.268	1.500	7.531	1.070	125.976	14828	17768	21	9	2570	659	1874	1406	402	14863	70	21534387	863916
7A-8	**15-845**	13-Feb-99	14	0.103	0.014	0.005	0.009	0.002	22.05	36.85	25.65	0.225	1.158	7.471	1.006	96.417	6994	8854	10	4	1242	311	896	143	72	5260	24	1915866	609823
7A-9	**15-846**	27-Feb-99	14	0.072	0.009	0.013	0.008	0.002	22.22	36.87	25.68	0.187	0.921	6.644	0.820	40.791	752	2569	36	1	158	29	165	869	18	1363	18	4223882	50814
7A-10	**15-847**	13-Mar-99	14	0.131	0.018	0.039	0.012	0.003	22.90	36.91	25.58	0.109	0.533	6.167	0.786	36.733	917	6874	214	4	56	17	430	1040	288	1949	144	3862897	317081
7A-11	**15-848**	27-Mar-99	14	0.921	0.037	0.052	0.044	0.005	23.63	36.95	25.47	0.028	0.136	5.783	0.770	38.035	1796	12189	405	21	63	38	795	10947	1194	4976	420	18828226	762279
7A-12	**15-849**	10-Apr-99	14	0.055	0.047	0.084	0.053	0.007	23.89	36.97	25.47	0.010	0.000	7.838	0.917	40.418	4802	13920	460	553	354	298	1029	23963	2002	6481	815	8729052	438999
7A-13	**15-850**	24-Apr-99	9	0.254	0.036	0.052	0.043	0.006	23.92	36.98	25.52	0.022	0.000	10.566	1.108	42.837	8178	13810	447	1210	715	614	1164	23865	2891	6745	484	16242573	2418727