

User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 10/15/2001 Time: 09:56:32

Sample: AD23318
Analysis: SED508 Organochlorine Pesticides
Units: ug
Started: 9/25/01 09:37 Ended: 10/7/01 09:37 Analyst: MN
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Endrin		20		0.1
2	Endrin aldehyde		< MDL		0.1
3	Endrin ketone		< MDL		0.1
4	DDT		< MDL		0.1
5	DDD		< MDL		0.1
6	DDE		< MDL		0.1

Quantitation Report (Not Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508F\011004\2END.D\ECD1A.CH Vial: 36
 Signal #2 : C:\HPCHEM\1\DATA\508F\011004\2END.D\ECD2B.CH
 Acq On : 6 Oct 2001 2:16 am Operator: Nefliu
 Sample : endrin decomp Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Oct 6 3:10 2001 Quant Results File: 508F.RES

Quant Method : C:\HPCHEM\1\METHODS\508F.M (Chemstation Integrator)
 Title : 508 CHLORINATED PESTICIDES 9/6/00
 Last Update : Tue Oct 31 13:22:28 2000
 Response via : Initial Calibration
 DataAcq Meth : 508F.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L

System Monitoring Compounds						
9) S 2,4-DDD SURROGAT	38.65	34.34	3875683	1599	1.667	0.000 #
Spiked Amount 0.200			Recovery	=	833.50%	0.00%
Target Compounds						
5) HEPTACHLOR EPOXI	33.07	29.72	5118	6182	0.001	0.001 #
6) DIELDRIN	36.49	33.42	2800	984	0.001	0.000 #
7) ENDRIN	38.65	34.34	3875683	1599	1.497	0.000 #
8) METHOXYCHLOR	50.81	41.26f	3326	13632	0.009	0.006 #

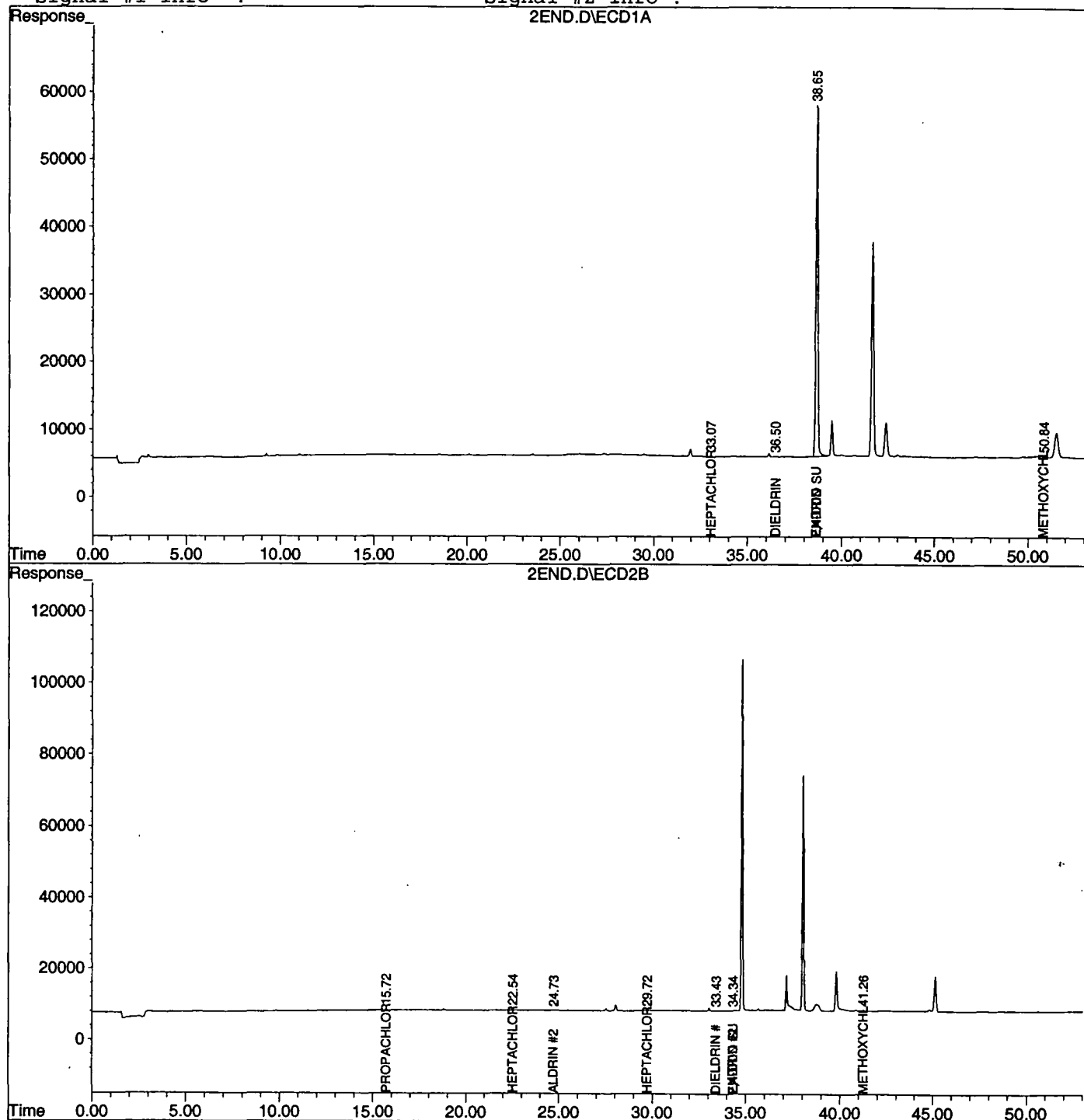
$$\% \text{ endrin breakdown} = \frac{469937 + 509478}{() + 3875683} = \frac{979415}{4855098} \rightarrow 20\%$$

Quantitation Report

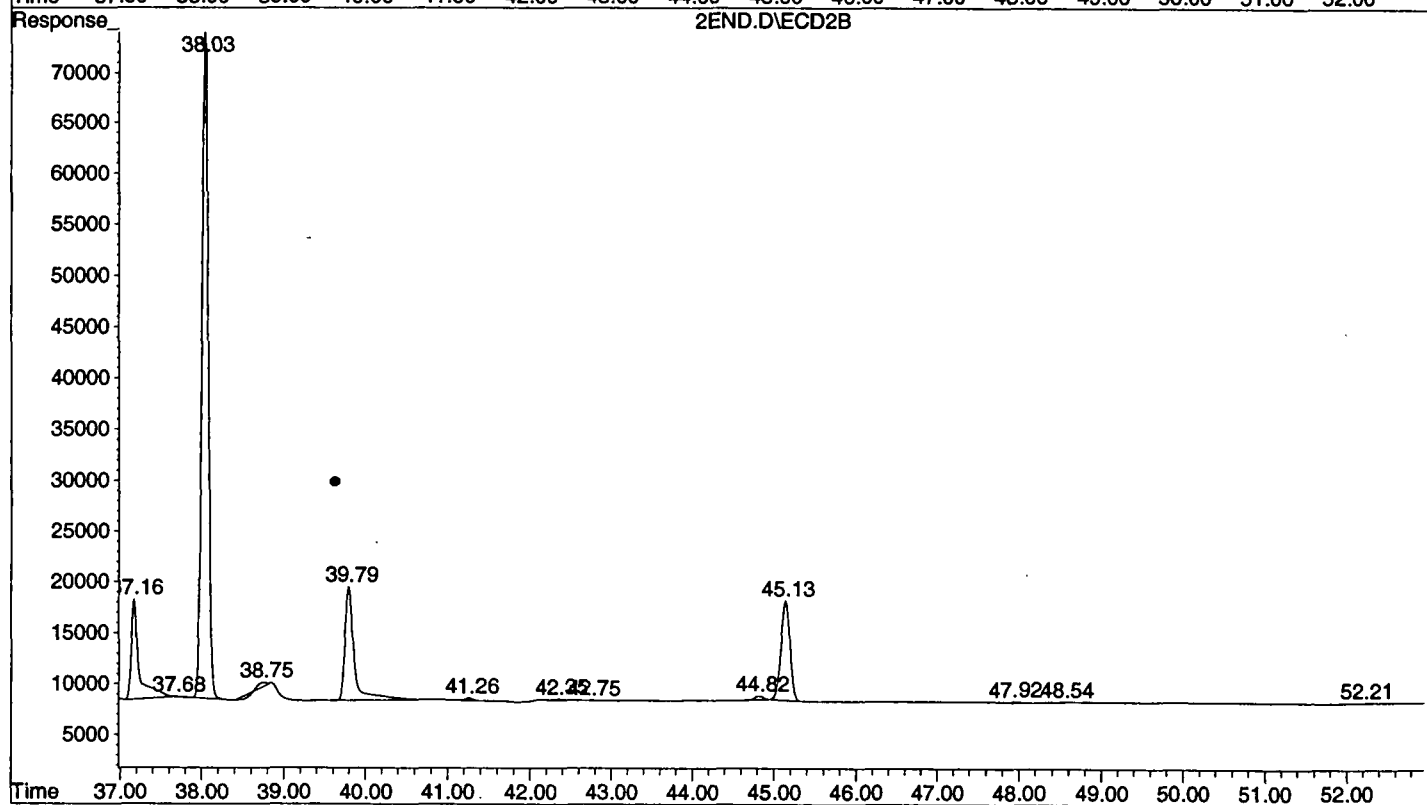
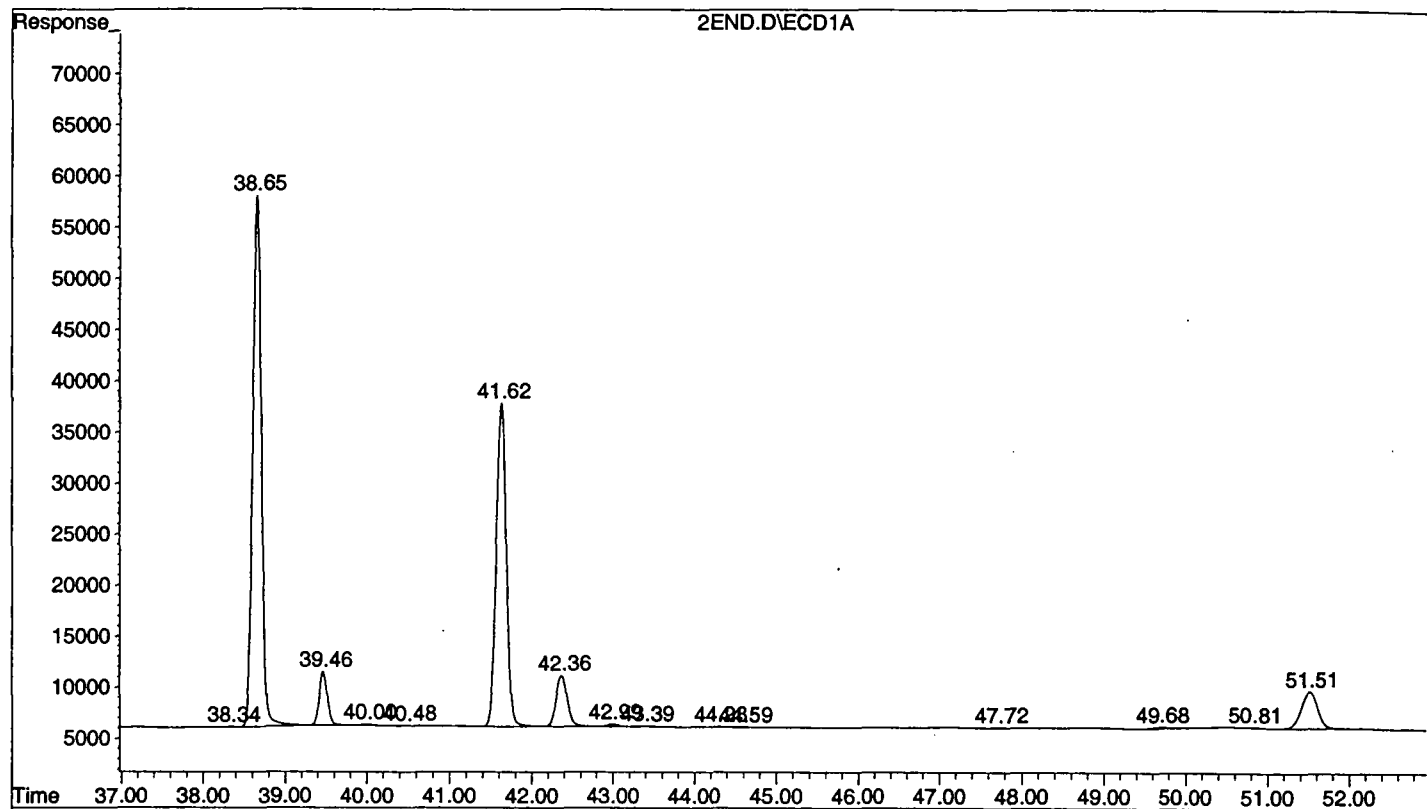
Signal #1 : C:\HPCHEM\1\DATA\508F\011004\2END.D\ECD1A.CH Vial: 36
Signal #2 : C:\HPCHEM\1\DATA\508F\011004\2END.D\ECD2B.CH
Acq On : 6 Oct 2001 2:16 am Operator: Nefliu
Sample : endrin decomp Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Oct 6 3:10 2001 Quant Results File: 508F.RES

Quant Method : C:\HPCHEM\1\METHODS\508F.M (Chemstation Integrator)
Title : 508 CHLORINATED PESTICIDES 9/6/00
Last Update : Tue Oct 31 13:22:28 2000
Response via : Multiple Level Calibration
DataAcq Meth : 508F.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



File : C:\HPCHEM\1\DATA\508F\011004\2END.D
 Operator : Nefliu
 Acquired : 6 Oct 2001 2:16 am using AcqMethod 508F.M
 Instrument : 104
 Sample Name: endrin decomp
 Misc Info :
 Vial Number: 36



Area Percent Report

Signal #1 : C:\HPCHEM\1\DATA\508F\011004\2END.D\ECD1A.CH Vial: 36
 Signal #2 : C:\HPCHEM\1\DATA\508F\011004\2END.D\ECD2B.CH
 Acq On : 6 Oct 2001 2:16 am Operator: Nefliu
 Sample : endrin decomp Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e

Method : C:\HPCHEM\1\METHODS\011007P.M (Chemstation Integrator)
 Title : 508 CHLORINATED PESTICIDES 9/6/00

Signal peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.295	1.264	1.340	BV	558	9276	0.24%	0.111%
2	1.364	1.340	1.398	VV	244	4137	0.11%	0.049%
3	1.452	1.398	1.550	PB	50	2816	0.07%	0.034%
4	2.493	2.416	2.510	BV	465	10999	0.28%	0.132%
5	2.669	2.510	2.831	VB	500	73017	1.88%	0.873%
6	2.958	2.878	3.159	BV	422	20810	0.54%	0.249%
7	3.190	3.159	3.334	VV	44	1839	0.05%	0.022%
8	3.452	3.334	3.552	PV	81	5919	0.15%	0.071%
9	3.676	3.552	3.748	VV	116	8163	0.21%	0.098%
10	3.837	3.748	3.944	PB	43	2214	0.06%	0.026%
11	4.288	4.233	4.348	BB	19	671	0.02%	0.008%
12	4.428	4.348	4.497	BB	40	1397	0.04%	0.017%
13	4.602	4.498	4.668	BB	23	1445	0.04%	0.017%
14	5.354	5.105	5.372	BB	5	516	0.01%	0.006%
15	6.393	6.304	6.694	BB	73	2448	0.06%	0.029%
16	7.444	7.326	7.501	BB	16	532	0.01%	0.006%
17	8.369	7.827	8.478	BB	18	4557	0.12%	0.055%
18	9.242	8.492	9.358	BB	335	14848	0.38%	0.178%
19	9.824	9.358	10.006	BB	157	12167	0.31%	0.146%
20	10.518	10.006	10.599	BB	17	995	0.03%	0.012%
21	11.025	10.613	11.154	BB	161	9506	0.25%	0.114%
22	11.544	11.278	11.620	BB	39	4111	0.11%	0.049%
23	11.800	11.620	11.841	BB	12	1562	0.04%	0.019%
24	12.444	12.377	12.556	BB	15	790	0.02%	0.009%
25	14.094	13.997	14.238	BB	19	1270	0.03%	0.015%
26	14.494	14.240	14.575	BB	17	1122	0.03%	0.013%
27	14.965	14.749	15.108	BB	10	1025	0.03%	0.012%
28	17.160	16.948	17.223	BB	6	556	0.01%	0.007%
29	18.495	18.256	18.659	BB	93	8066	0.21%	0.096%
30	19.416	19.019	19.453	BB	6	1813	0.05%	0.022%
31	20.109	19.870	20.280	BB	153	10935	0.28%	0.131%
32	23.524	23.238	23.675	BB	133	9890	0.26%	0.118%
33	26.061	25.582	26.232	BB	40	8689	0.22%	0.104%
34	27.349	26.934	27.677	BB	179	17716	0.46%	0.212%
35	28.579	28.563	29.292	BB	5	4353	0.11%	0.052%
36	29.454	29.303	29.557	BB	131	7848	0.20%	0.094%
37	30.318	30.145	30.480	BB	46	2805	0.07%	0.034%
38	30.614	30.479	31.019	BB	13	1823	0.05%	0.022%
39	31.965	31.793	32.145	BB	1016	67514	1.74%	0.807%
40	33.071	32.934	33.257	BB	84	5118	0.13%	0.061%
41	33.424	33.257	33.627	BB	28	2576	0.07%	0.031%
42	34.053	33.797	34.173	BB	24	1704	0.04%	0.020%
43	34.350	34.175	34.482	BB	122	8901	0.23%	0.106%
44	34.574	34.481	34.632	BB	29	1491	0.04%	0.018%
45	35.127	34.993	35.350	BB	9	1216	0.03%	0.015%
46	35.527	35.366	35.673	BB	32	2882	0.07%	0.034%
47	35.837	35.673	36.018	BB	26	1953	0.05%	0.023%
48	36.151	36.018	36.306	BB	480	26256	0.68%	0.314%
49	36.492	36.307	36.696	BB	29	2800	0.07%	0.033%
50	36.812	36.697	36.890	BB	21	1135	0.03%	0.014%

51	38.338	38.256	38.442	BB	37	2000	0.05%	0.024%	
52	38.655	38.445	39.285	BB	51972	3875683	100.00%	46.351%	<i>end</i>
53	39.465	39.285	39.798	BB	5198	356446	9.20%	4.263%	
54	40.001	39.797	40.212	BB	135	10483	0.27%	0.125%	
55	40.484	40.343	40.663	BB	19	1632	0.04%	0.020%	
56	41.622	41.323	42.134	BB	31658	2686029	69.30%	32.123%	
57	42.364	42.135	42.820	BB	4956	469937	12.13%	5.620%	<i>end</i>
58	42.987	42.820	43.192	BB	234	20472	0.53%	0.245%	
59	43.386	43.193	43.636	BB	69	7228	0.19%	0.086%	
60	44.282	44.195	44.471	BB	29	2395	0.06%	0.029%	
61	44.590	44.473	44.711	BB	20	1415	0.04%	0.017%	
62	47.716	47.479	48.019	BB	47	4942	0.13%	0.059%	
63	49.681	49.355	49.968	BB	105	14026	0.36%	0.168%	
64	50.806	50.697	51.110	BB	32	3326	0.09%	0.040%	
65	51.506	51.109	52.047	BB	3603	509478	13.15%	6.093%	<i>end</i>

Sum of corrected areas: 8361681

Signal #2 2END.D\ECD2B

1	1.563	1.536	1.653	BV	616	15294	0.31%	0.134%
2	2.613	1.848	2.703	BV	238	69468	1.40%	0.610%
3	2.981	2.703	3.059	PV	704	82379	1.66%	0.723%
4	3.081	3.059	3.159	VB	310	11728	0.24%	0.103%
5	3.359	3.315	3.408	BV	36	988	0.02%	0.009%
6	3.648	3.408	3.693	PV	99	10815	0.22%	0.095%
7	3.948	3.693	4.019	VB	218	28159	0.57%	0.247%
8	4.144	4.019	4.289	BB	147	13859	0.28%	0.122%
9	4.676	4.609	4.743	BB	33	1036	0.02%	0.009%
10	6.009	5.909	6.048	BB	16	701	0.01%	0.006%
11	6.301	6.237	6.352	BB	18	530	0.01%	0.005%
12	6.392	6.352	6.521	BB	18	1280	0.03%	0.011%
13	6.699	6.521	6.708	BB	3	676	0.01%	0.006%
14	7.971	7.880	8.108	BB	24	1474	0.03%	0.013%
15	9.810	9.611	10.004	BB	158	13098	0.26%	0.115%
16	10.706	10.543	10.838	BB	126	5115	0.10%	0.045%
17	12.652	12.461	12.742	BB	154	6427	0.13%	0.056%
18	12.864	12.764	12.954	BB	26	1529	0.03%	0.013%
19	13.770	13.616	13.830	BB	14	686	0.01%	0.006%
20	14.129	13.844	14.268	BB	109	8279	0.17%	0.073%
21	15.469	15.325	15.523	BB	16	582	0.01%	0.005%
22	15.723	15.542	15.884	BB	334	17899	0.36%	0.157%
23	17.282	17.129	17.394	BB	31	1689	0.03%	0.015%
24	18.818	18.637	18.971	BB	297	16153	0.32%	0.142%
25	19.057	18.971	19.177	BB	25	1247	0.03%	0.011%
26	19.456	19.353	19.567	BB	11	615	0.01%	0.005%
27	22.542	22.342	22.687	BB	303	18257	0.37%	0.160%
28	23.584	23.425	23.754	BB	102	7082	0.14%	0.062%
29	24.730	24.607	24.802	BB	20	1127	0.02%	0.010%
30	24.969	24.802	25.053	BB	11	552	0.01%	0.005%
31	25.429	25.172	25.552	BB	56	3198	0.06%	0.028%
32	26.492	26.283	26.632	BB	99	6636	0.13%	0.058%
33	27.533	27.240	27.865	BB	542	40194	0.81%	0.353%
34	28.046	27.867	28.411	BB	1588	92622	1.86%	0.813%
35	28.669	28.564	28.712	BB	11	661	0.01%	0.006%
36	29.725	29.466	29.850	BB	99	6182	0.12%	0.054%
37	30.137	30.000	30.228	BB	15	638	0.01%	0.006%
38	30.928	30.880	31.023	BB	19	756	0.02%	0.007%
39	31.356	31.219	31.474	BB	80	4196	0.08%	0.037%
40	31.565	31.475	31.687	BB	16	824	0.02%	0.007%
41	32.018	31.943	32.182	BB	31	1605	0.03%	0.014%
42	33.058	32.822	33.251	BB	813	39170	0.79%	0.344%
43	33.421	33.340	33.519	BB	20	984	0.02%	0.009%
44	33.753	33.674	33.841	BB	31	1460	0.03%	0.013%
45	33.945	33.841	34.016	BB	15	704	0.01%	0.006%

46	34.146	34.014	34.254	BB	14	671	0.01%	0.006%
47	34.341	34.253	34.487	BB	25	1599	0.03%	0.014%
48	34.791	34.554	35.094	BB	98033	4973204	100.00%	43.661%
49	35.139	35.094	35.272	BB	43	1233	0.02%	0.011%
50	35.346	35.272	35.473	BB	67	3593	0.07%	0.032%
51	35.673	35.472	35.810	BB	442	26778	0.54%	0.235%
52	35.958	35.812	35.972	BB	11	1745	0.04%	0.015%
53	36.138	35.973	36.195	BB	21	1618	0.03%	0.014%
54	36.299	36.196	36.361	BB	23	1062	0.02%	0.009%
55	36.970	36.797	37.046	BB	181	7352	0.15%	0.065%
56	37.164	37.048	37.645	BB	9798	642645	12.92%	5.642%
57	37.682	37.643	37.838	BB	25	1105	0.02%	0.010%
58	38.029	37.838	38.402	BB	65886	3498415	70.35%	30.713%
59	38.750	38.400	38.819	BB	390	5657	0.11%	0.050%
60	39.792	39.553	40.757	BB	11126	891155	17.92%	7.824%
61	41.258	41.145	41.385	BB	233	13632	0.27%	0.120%
62	42.352	42.219	42.639	BB	91	7756	0.16%	0.068%
63	42.751	42.636	42.881	BB	23	1597	0.03%	0.014%
64	44.819	44.373	44.940	BB	354	19466	0.39%	0.171%
65	45.134	44.941	45.458	BB	9699	743993	14.96%	6.532%
66	47.918	47.702	48.131	BB	66	6279	0.13%	0.055%
67	48.542	48.131	48.565	BB	7	898	0.02%	0.008%
68	52.209	51.666	52.284	BB	15	509	0.01%	0.004%

Sum of corrected areas: 11390511

2END.D 011007P.M Sat Oct 13 11:07:23 2001