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Table 5. Example Input Files

PRZM Input File for Region 6, Bin 1 (File - R06B01CT.INP)

PRZM3 Input File, Created by PIC3

Simulation Location: Crop:

```

0.74 0.52 0 0.25 1 1
4
0.17 0.23 0.60 10.00 4 1.50 354.00
1
1 0.25 60.00 80.00 3 86 80 86 0.00 100.00
1 3
0101 21 5 311
0.42 0.42 0.42
0.17 0.17 0.17
36
21 557 20 957 31157 1
21 558 20 958 31158 1
21 559 20 959 31159 1
21 560 20 960 31160 1
21 561 20 961 31161 1
21 562 20 962 31162 1
21 563 20 963 31163 1
21 564 20 964 31164 1
21 565 20 965 31165 1
21 566 20 966 31166 1
21 567 20 967 31167 1
21 568 20 968 31168 1
21 569 20 969 31169 1
21 570 20 970 31170 1
21 571 20 971 31171 1
21 572 20 972 31172 1
21 573 20 973 31173 1
21 574 20 974 31174 1
21 575 20 975 31175 1
21 576 20 976 31176 1
21 577 20 977 31177 1
21 578 20 978 31178 1
21 579 20 979 31179 1
21 580 20 980 31180 1
21 581 20 981 31181 1
21 582 20 982 31182 1
21 583 20 983 31183 1
21 584 20 984 31184 1
21 585 20 985 31185 1
21 586 20 986 31186 1
21 587 20 987 31187 1
21 588 20 988 31188 1

```

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Table 5. Example Input Files (Continued)

21 589	20 989	31189	1
21 590	20 990	31190	1
21 591	20 991	31191	1
21 592	20 992	31192	1

Chemical Input Data:

72	1	0	0
----	---	---	---

Chlorfenapyr

7 757	0 2 0.00	0.33 0.95 0.01
15 757	0 2 0.00	0.22 0.95 0.01
7 758	0 2 0.00	0.33 0.95 0.01
15 758	0 2 0.00	0.22 0.95 0.01
7 759	0 2 0.00	0.33 0.95 0.01
15 759	0 2 0.00	0.22 0.95 0.01
7 760	0 2 0.00	0.33 0.95 0.01
15 760	0 2 0.00	0.22 0.95 0.01
7 761	0 2 0.00	0.33 0.95 0.01
15 761	0 2 0.00	0.22 0.95 0.01
7 762	0 2 0.00	0.33 0.95 0.01
15 762	0 2 0.00	0.22 0.95 0.01
7 763	0 2 0.00	0.33 0.95 0.01
15 763	0 2 0.00	0.22 0.95 0.01
7 764	0 2 0.00	0.33 0.95 0.01
15 764	0 2 0.00	0.22 0.95 0.01
7 765	0 2 0.00	0.33 0.95 0.01
15 765	0 2 0.00	0.22 0.95 0.01
7 766	0 2 0.00	0.33 0.95 0.01
15 766	0 2 0.00	0.22 0.95 0.01
7 767	0 2 0.00	0.33 0.95 0.01
15 767	0 2 0.00	0.22 0.95 0.01
7 768	0 2 0.00	0.33 0.95 0.01
15 768	0 2 0.00	0.22 0.95 0.01
7 769	0 2 0.00	0.33 0.95 0.01
15 769	0 2 0.00	0.22 0.95 0.01
7 770	0 2 0.00	0.33 0.95 0.01
15 770	0 2 0.00	0.22 0.95 0.01
7 771	0 2 0.00	0.33 0.95 0.01
15 771	0 2 0.00	0.22 0.95 0.01
7 772	0 2 0.00	0.33 0.95 0.01
15 772	0 2 0.00	0.22 0.95 0.01
7 773	0 2 0.00	0.33 0.95 0.01
15 773	0 2 0.00	0.22 0.95 0.01
7 774	0 2 0.00	0.33 0.95 0.01
15 774	0 2 0.00	0.22 0.95 0.01
7 775	0 2 0.00	0.33 0.95 0.01
15 775	0 2 0.00	0.22 0.95 0.01
7 776	0 2 0.00	0.33 0.95 0.01

Table 5. Example Input Files (Continued)

```

15 776 0 2 0.00 0.22 0.95 0.01
 7 777 0 2 0.00 0.33 0.95 0.01
15 777 0 2 0.00 0.22 0.95 0.01
 7 778 0 2 0.00 0.33 0.95 0.01
15 778 0 2 0.00 0.22 0.95 0.01
 7 779 0 2 0.00 0.33 0.95 0.01
15 779 0 2 0.00 0.22 0.95 0.01
 7 780 0 2 0.00 0.33 0.95 0.01
15 780 0 2 0.00 0.22 0.95 0.01
 7 781 0 2 0.00 0.33 0.95 0.01
15 781 0 2 0.00 0.22 0.95 0.01
 7 782 0 2 0.00 0.33 0.95 0.01
15 782 0 2 0.00 0.22 0.95 0.01
 7 783 0 2 0.00 0.33 0.95 0.01
15 783 0 2 0.00 0.22 0.95 0.01
 7 784 0 2 0.00 0.33 0.95 0.01
15 784 0 2 0.00 0.22 0.95 0.01
 7 785 0 2 0.00 0.33 0.95 0.01
15 785 0 2 0.00 0.22 0.95 0.01
 7 786 0 2 0.00 0.33 0.95 0.01
15 786 0 2 0.00 0.22 0.95 0.01
 7 787 0 2 0.00 0.33 0.95 0.01
15 787 0 2 0.00 0.22 0.95 0.01
 7 788 0 2 0.00 0.33 0.95 0.01
15 788 0 2 0.00 0.22 0.95 0.01
 7 789 0 2 0.00 0.33 0.95 0.01
15 789 0 2 0.00 0.22 0.95 0.01
 7 790 0 2 0.00 0.33 0.95 0.01
15 790 0 2 0.00 0.22 0.95 0.01
 7 791 0 2 0.00 0.33 0.95 0.01
15 791 0 2 0.00 0.22 0.95 0.01
 7 792 0 2 0.00 0.33 0.95 0.01
15 792 0 2 0.00 0.22 0.95 0.01
 0. 1 0.00
 0.00 0.09 0.10
Soil Series: BROSELEY MO042-3
190.00 0 0 0 0 0 0 0 0
4300.00 0.00 20.00
 4
 1 10.000 1.450 0.191 0.000 0.000 0.000
    0.002 0.002 0.000
    0.100 0.191 0.086 0.435 50.029
 2 84.000 1.450 0.191 0.000 0.000 0.000
    0.002 0.002 0.000
    1.000 0.191 0.086 0.435 50.029

```

Table 5. Example Input Files (Continued)

```
3 66.000 1.500 0.249 0.000 0.000 0.000
  0.002 0.002 0.000
  1.000 0.249 0.109 0.145 16.676
4 30.000 1.550 0.195 0.000 0.000 0.000
  0.002 0.002 0.000
  1.000 0.195 0.085 0.145 16.676
0
WATR YEAR 10 PEST YEAR 10 CONC YEAR 10 1
6
10 -----
6 DAY
PRCP TSER 0 0
RUNF TSER 0 0
ESLS TSER 0 0 1.E3
RFLX TSER 0 0 1.E5
EFLX TSER 0 0 1.E5
RZFX TSER 0 0 1.E5
```

32 115

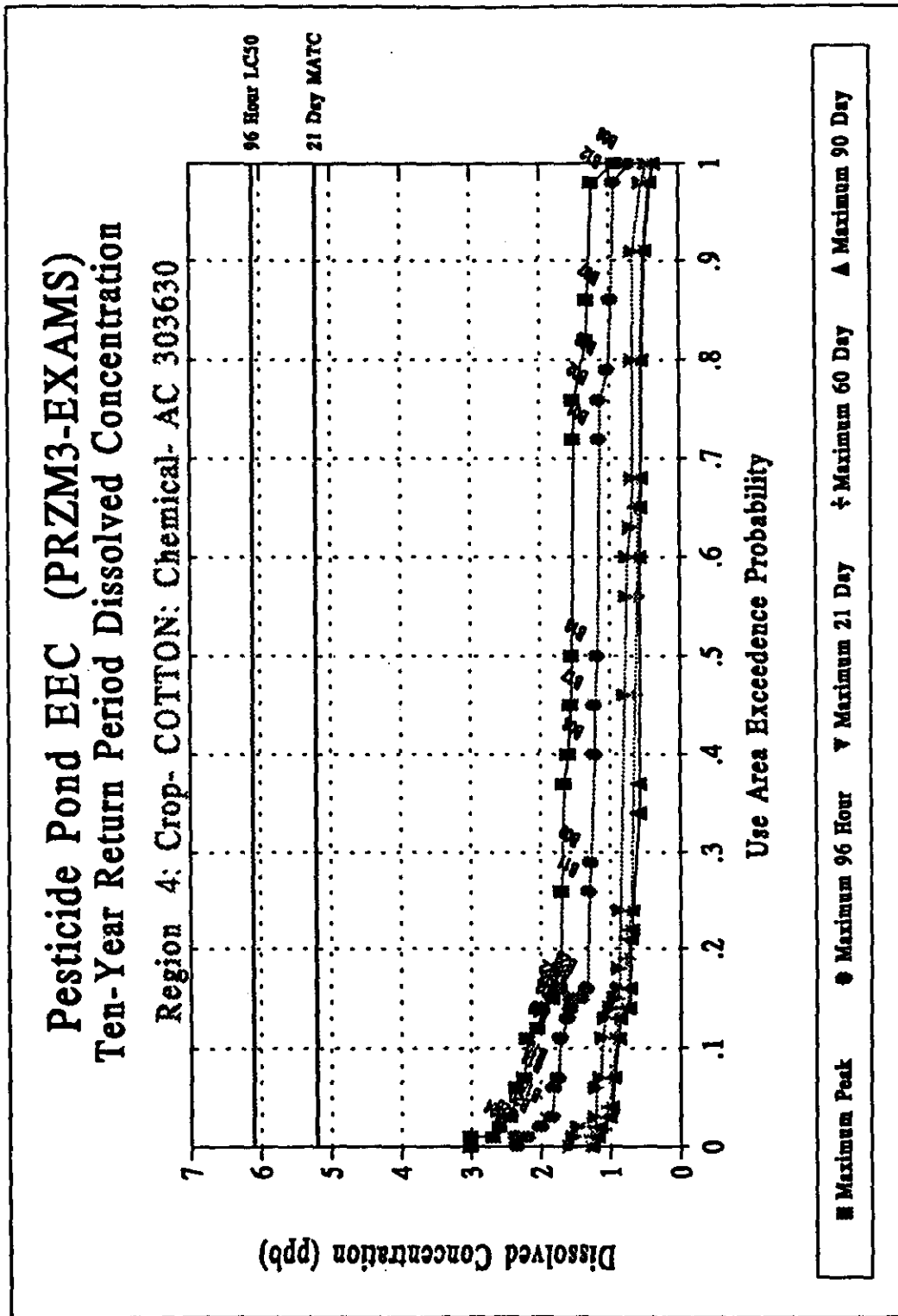
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Table 5. Example Input Files (Continued)

EXAMS Input File - EXCHEM.EXA

```
SET MODE =3
REC CHEM 1
CHEM NAME IS Chlorfenapyr
SET MWT(1)= 407.60
SET SOL(1,1)=0.1200
SET KOC(1)= 11500.00
SET VAPR(1)=0.4000E-07
SET KBACS(*,*,1)=0.1155E-03
SET KBACW(*,*,1)=0.2888E-03
SET QTBAS(*,*,1)=2.0
SET QTBAW(*,*,1)=2.0
SET PRBEN=0.9
ERA CHEM 10
STOR CHEM 10
QUIT
```

Figure 4a. Dissolved Concentrations - Region 4 - Early Applications



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Table 6a. Modeling Results - Region 4 - Early Applications

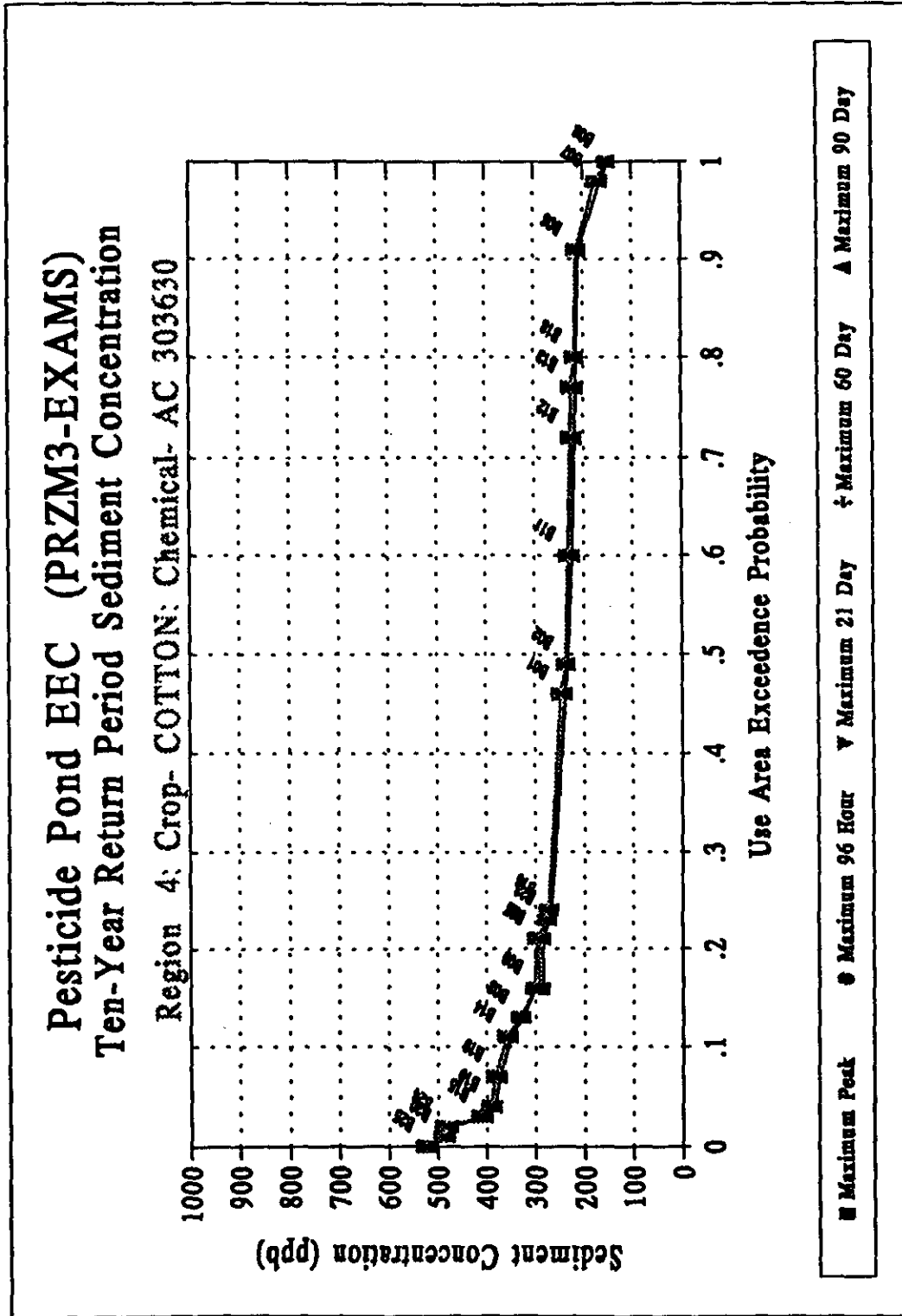
Water														
<u>Instantaneous</u>			<u>96-Hour</u>			<u>21-Day</u>			<u>60-Day</u>			<u>90-Day</u>		
Bin	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb)	Cum. Area
B24	3.00	1%	B24	2.35	1%	B25	1.57	0%	B25	1.31	0%	B25	1.26	0%
B25	2.68	1%	B25	2.19	1%	B20	1.53	1%	B20	1.24	1%	B20	1.18	1%
B20	2.58	2%	B20	2.00	2%	B24	1.46	2%	B24	1.18	2%	B24	1.14	2%
B15	2.43	3%	B15	1.84	3%	B15	1.22	3%	B15	1.04	3%	B15	1.01	3%
B14	2.34	6%	B14	1.81	6%	B19	1.20	6%	B10	1.00	4%	B10	0.97	4%
B10	2.23	7%	B10	1.75	7%	B10	1.14	7%	B19	0.97	7%	B19	0.94	7%
B19	2.19	11%	B19	1.72	11%	B14	1.11	11%	B14	0.91	11%	B14	0.88	11%
B16	2.04	12%	B03	1.61	13%	B03	1.07	13%	B03	0.90	13%	B03	0.85	13%
B03	1.98	14%	B16	1.58	14%	B22	1.00	14%	B22	0.80	14%	B22	0.75	14%
B22	1.83	15%	B22	1.57	15%	B16	0.94	15%	B04	0.75	14%	B04	0.73	14%
B23	1.77	16%	B04	1.42	15%	B04	0.91	15%	B17	0.74	19%	B09	0.72	16%
B04	1.72	16%	B23	1.34	16%	B23	0.88	16%	B09	0.74	21%	B17	0.71	21%
B11	1.70	26%	B11	1.30	26%	B09	0.87	18%	B16	0.73	22%	B16	0.68	22%
B06	1.66	37%	B09	1.28	29%	B17	0.85	24%	B23	0.70	24%	B23	0.68	24%
B09	1.60	40%	B06	1.22	40%	B01	0.79	46%	B01	0.63	46%	B11	0.58	34%
B17	1.56	45%	B17	1.22	45%	B11	0.76	56%	B11	0.60	56%	B02	0.58	37%
B13	1.55	50%	B13	1.18	50%	B02	0.75	60%	B02	0.60	60%	B01	0.57	60%
B01	1.52	72%	B01	1.14	72%	B18	0.69	63%	B13	0.59	65%	B13	0.55	65%
B02	1.52	76%	B02	1.14	76%	B13	0.67	68%	B18	0.56	68%	B18	0.54	68%
B07	1.33	82%	B18	1.02	79%	B12	0.67	80%	B12	0.56	80%	B12	0.53	80%
B18	1.32	86%	B07	0.97	86%	B06	0.66	91%	B06	0.51	91%	B06	0.48	91%
B12	1.25	98%	B12	0.93	98%	B07	0.53	98%	B07	0.42	98%	B07	0.40	98%
B08	0.91	100%	B08	0.70	100%	B08	0.45	100%	B08	0.37	100%	B08	0.36	100%

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Figure 4b. Sediment Concentrations - Region 4 - Early Applications



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Table 6b. Modeling Results - Region 4 - Early Applications

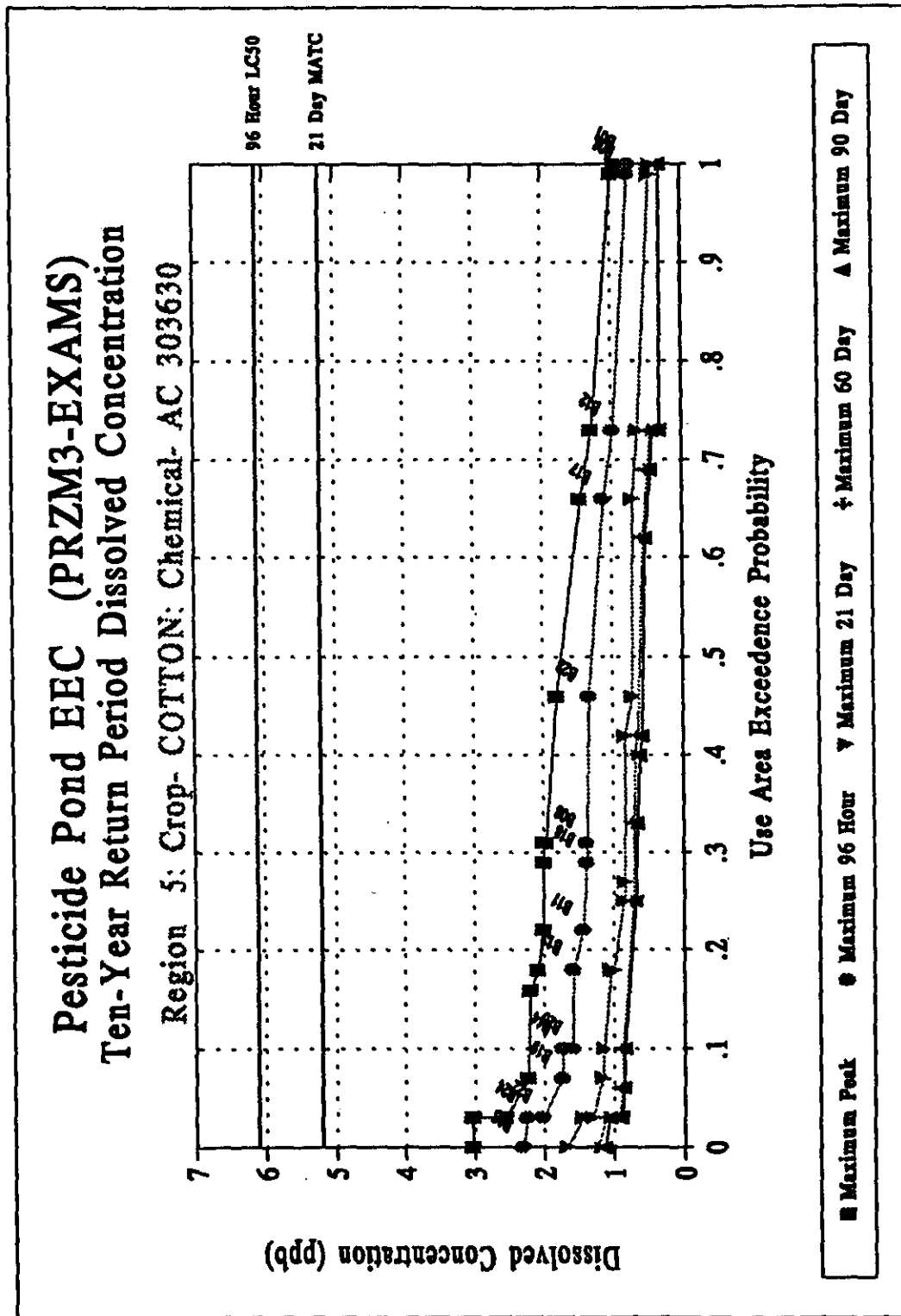
Sediment														
<u>Instantaneous</u>			<u>96-Hour</u>			<u>21-Day</u>			<u>60-Day</u>			<u>90-Day</u>		
<u>Bin</u>	<u>Conc. (ppb)</u>	<u>Cum. Area</u>	<u>Bin</u>	<u>Conc. (ppb)</u>	<u>Cum. Area</u>	<u>Bin</u>	<u>Conc. (ppb)</u>	<u>Cum. Area</u>	<u>Bin</u>	<u>Conc. (ppb)</u>	<u>Cum. Area</u>	<u>Bin</u>	<u>Conc. (ppb)</u>	<u>Cum. Area</u>
B25	527	0%	B25	526	0%	B25	525	0%	B25	521	0%	B25	515	0%
B20	492	1%	B20	492	1%	B20	490	1%	B20	485	1%	B20	480	1%
B24	489	2%	B24	489	2%	B24	486	2%	B24	479	2%	B24	473	2%
B15	413	3%	B15	413	3%	B15	412	3%	B15	407	3%	B15	402	3%
B10	393	4%	B10	392	4%	B10	391	4%	B10	387	4%	B10	383	4%
B19	383	7%	B19	383	7%	B19	382	7%	B19	376	7%	B19	373	7%
B14	360	11%	B14	360	11%	B14	359	11%	B14	354	11%	B14	350	11%
B03	332	13%	B03	332	13%	B03	330	13%	B03	325	13%	B03	325	13%
B09	302	16%	B09	302	16%	B09	301	16%	B09	300	16%	B09	298	16%
B17	299	21%	B17	298	21%	B04	295	16%	B04	291	16%	B04	289	16%
B04	297	21%	B04	297	21%	B17	295	21%	B17	289	21%	B22	285	16%
B22	297	21%	B22	296	21%	B22	294	21%	B22	288	21%	B17	284	21%
B23	278	23%	B23	277	23%	B23	275	23%	B23	271	23%	B23	271	23%
B16	275	24%	B16	275	24%	B16	273	24%	B16	270	24%	B16	267	24%
B01	249	46%	B01	249	46%	B01	248	46%	B01	242	46%	B01	238	46%
B02	239	49%	B02	239	49%	B02	237	49%	B02	235	49%	B02	233	49%
B11	233	60%	B11	233	60%	B11	232	60%	B11	227	60%	B11	223	60%
B12	228	72%	B12	227	72%	B12	226	72%	B12	221	72%	B12	218	72%
B13	227	77%	B13	227	77%	B13	224	77%	B13	218	77%	B13	215	77%
B18	219	80%	B18	219	80%	B18	217	80%	B18	216	80%	B18	214	80%
B06	216	91%	B06	216	91%	B06	215	91%	B06	212	91%	B06	209	91%
B07	175	98%	B07	174	98%	B07	174	98%	B07	165	98%	B07	163	98%
B08	152	100%	B08	152	100%	B08	151	100%	B08	148	100%	B08	148	100%

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Figure 5a. Dissolved Concentrations - Region 5 - Early Applications



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Table 7a. Modeling Results - Region 5 - Early Applications

		Water																			
		Instantaneous				96-Hour				21-Day				60-Day				90-Day			
Bin	Conc. (ppb)	Cum. Area	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb)	Cum. Area		
B24	3.03	3%	B25	2.30	0%	B25	1.67	0%	B25	1.24	0%	B25	1.14	0%	B25	1.14	0%	B25	1.14	0%	
B25	3.02	3%	B24	2.24	3%	B24	1.45	3%	B24	1.11	3%	B24	1.06	3%	B24	1.06	3%	B24	1.06	3%	
B22	2.55	3%	B22	2.02	3%	B22	1.31	3%	B22	0.94	3%	B22	0.92	3%	B22	0.92	3%	B22	0.92	3%	
B19	2.23	7%	B19	1.74	7%	B19	1.16	7%	B20	0.94	3%	B22	0.89	3%	B22	0.89	3%	B22	0.89	3%	
B13	2.19	16%	B14	1.73	10%	B14	1.14	10%	B14	0.88	6%	B14	0.86	6%	B14	0.86	6%	B14	0.86	6%	
B14	2.08	18%	B20	1.59	10%	B13	1.04	18%	B19	0.87	10%	B19	0.85	10%	B19	0.85	10%	B19	0.85	10%	
B11	2.00	22%	B13	1.58	18%	B20	0.99	18%	B23	0.71	25%	B23	0.68	25%	B23	0.68	25%	B23	0.68	25%	
B18	2.00	29%	B11	1.43	22%	B18	0.85	25%	B13	0.70	33%	B13	0.66	33%	B13	0.66	33%	B13	0.66	33%	
B08	1.99	31%	B18	1.39	29%	B08	0.84	27%	B18	0.68	40%	B18	0.61	40%	B18	0.61	40%	B18	0.61	40%	
B20	1.96	31%	B08	1.38	31%	B23	0.83	42%	B08	0.64	42%	B08	0.58	42%	B08	0.58	42%	B08	0.58	42%	
B23	1.80	46%	B23	1.34	46%	B11	0.72	46%	B17	0.56	62%	B17	0.53	62%	B17	0.53	62%	B17	0.53	62%	
B17	1.45	66%	B17	1.12	66%	B17	0.70	66%	B12	0.48	69%	B12	0.44	69%	B12	0.44	69%	B12	0.44	69%	
B12	1.29	73%	B12	0.98	73%	B12	0.62	73%	B11	0.44	73%	B11	0.42	73%	B11	0.42	73%	B11	0.42	73%	
B06	0.98	99%	B06	0.75	99%	B06	0.44	99%	B01	0.32	73%	B01	0.31	73%	B01	0.31	73%	B01	0.31	73%	
B01	0.94	100%	B01	0.73	100%	B01	0.41	100%	B06	0.30	100%	B06	0.30	100%	B06	0.30	100%	B06	0.30	100%	

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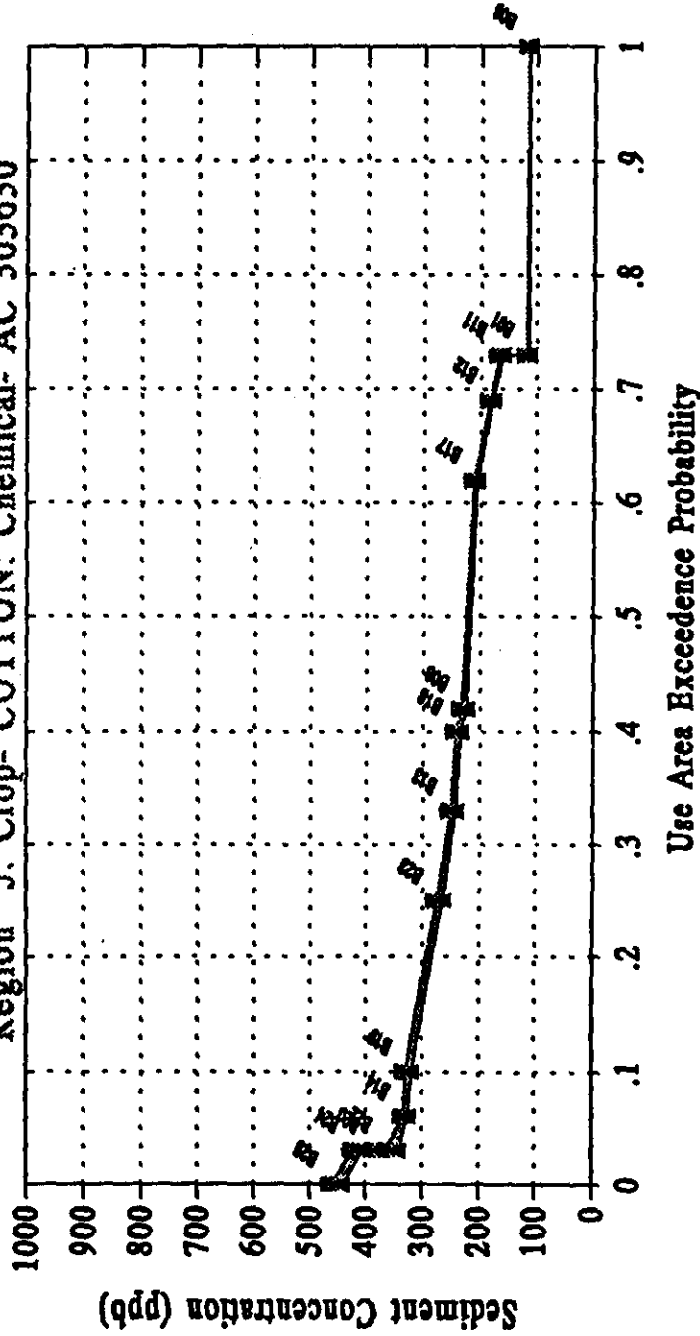
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Figure 5b. Sediment Concentrations - Region 5 - Early Applications

Pesticide Pond EEC (PRZM3-EXAMS) Ten-Year Return Period Sediment Concentration

Region 5: Crop- COTTON: Chemical- AC 303630



■ Maximum Peak ● Maximum 96 Hour ▼ Maximum 21 Day † Maximum 60 Day ▲ Maximum 90 Day

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Table 7b. Modeling Results - Region 5 - Early Applications

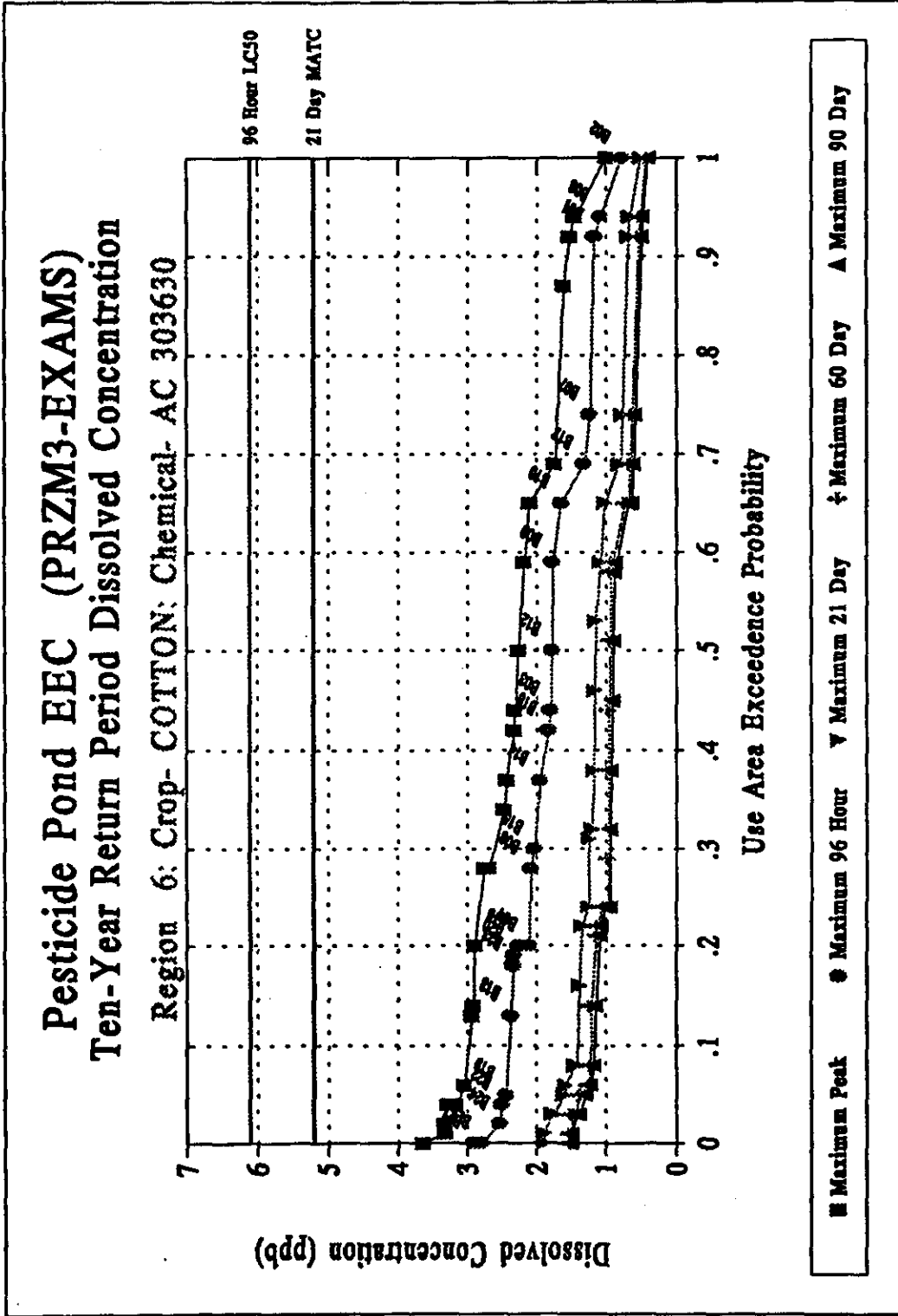
		Sediment									
Bin	Conc. (ppb)	Instantaneous		96-Hour		21-Day		60-Day		90-Day	
		Conc.	Area	Conc.	Area	Conc.	Area	Conc.	Area	Conc.	Area
B25	461	0%	0%	461	0%	458	0%	449	0%	442	0%
B24	423	3%	3%	421	3%	421	3%	412	3%	404	3%
B20	386	3%	3%	382	3%	382	3%	378	3%	372	3%
B22	365	3%	3%	359	3%	359	3%	349	3%	342	3%
B14	333	6%	6%	332	6%	332	6%	327	6%	325	6%
B19	330	10%	10%	328	10%	328	10%	321	10%	319	10%
B23	276	25%	25%	274	25%	274	25%	269	25%	265	25%
B13	252	33%	33%	251	33%	251	33%	247	33%	243	33%
B18	243	40%	40%	242	40%	242	40%	237	40%	234	40%
B08	233	42%	42%	231	42%	231	42%	227	42%	224	42%
B17	212	62%	62%	211	62%	211	62%	208	62%	206	62%
B12	184	69%	69%	182	69%	182	69%	179	69%	178	69%
B11	167	73%	73%	166	73%	166	73%	163	73%	160	73%
B01	118	73%	73%	118	73%	118	73%	115	73%	113	73%
B06	116	100%	100%	115	100%	115	100%	114	100%	113	100%

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Figure 6a. Dissolved Concentrations - Region 6 - Early Applications



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Table 8a. Modeling Results - Region 6 - Early Applications
Water

Instantaneous			96-Hour			21-Day			60-Day			90-Day		
Bin	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb)	Cum. Area
B21	3.64	0%	B21	2.91	0%	B24	1.89	1%	B24	1.51	1%	B24	1.50	1%
B24	3.32	1%	B25	2.79	0%	B19	1.78	3%	B19	1.49	3%	B19	1.42	3%
B25	3.32	2%	B24	2.52	2%	B25	1.74	3%	B25	1.43	3%	B25	1.38	3%
B22	3.28	4%	B22	2.49	4%	B22	1.61	5%	B22	1.38	5%	B22	1.29	5%
B16	3.16	4%	B19	2.44	5%	B20	1.58	6%	B20	1.25	6%	B20	1.22	6%
B19	3.04	6%	B13	2.36	13%	B15	1.45	8%	B15	1.22	8%	B15	1.17	8%
B13	2.93	13%	B23	2.33	18%	B04	1.43	8%	B23	1.21	14%	B23	1.14	14%
B20	2.91	14%	B20	2.32	19%	B21	1.42	8%	B13	1.13	21%	B13	1.08	21%
B23	2.89	20%	B16	2.26	20%	B13	1.38	16%	B04	1.12	22%	B04	1.07	22%
B08	2.75	28%	B04	2.11	20%	B23	1.35	22%	B03	1.04	24%	B03	1.00	24%
B04	2.68	28%	B08	2.08	28%	B03	1.25	24%	B21	0.98	24%	B21	0.94	24%
B14	2.46	34%	B15	2.03	30%	B08	1.25	31%	B18	0.96	29%	B09	0.93	32%
B15	2.43	37%	B14	1.95	37%	B16	1.20	32%	B09	0.96	38%	B10	0.92	38%
B18	2.32	42%	B18	1.83	42%	B18	1.17	38%	B10	0.95	44%	B14	0.90	45%
B03	2.31	44%	B03	1.80	44%	B09	1.16	46%	B14	0.93	51%	B18	0.89	51%
B12	2.26	50%	B12	1.78	50%	B14	1.15	53%	B08	0.93	58%	B08	0.88	58%
B09	2.18	59%	B09	1.77	59%	B10	1.08	59%	B16	0.90	59%	B16	0.85	59%
B10	2.10	65%	B10	1.65	65%	B12	1.02	65%	B12	0.72	65%	B12	0.67	65%
B17	1.74	69%	B17	1.32	69%	B17	0.81	69%	B11	0.67	65%	B11	0.63	65%
B01	1.62	87%	B07	1.23	74%	B11	0.79	69%	B17	0.65	69%	B17	0.61	69%
B07	1.53	92%	B01	1.18	92%	B07	0.77	74%	B07	0.62	74%	B07	0.58	74%
B06	1.46	94%	B11	1.16	92%	B01	0.68	92%	B01	0.52	92%	B01	0.49	92%
B11	1.45	94%	B06	1.08	94%	B06	0.66	94%	B06	0.50	94%	B06	0.48	94%
B02	1.00	100%	B02	0.77	100%	B02	0.51	100%	B02	0.42	100%	B02	0.40	100%

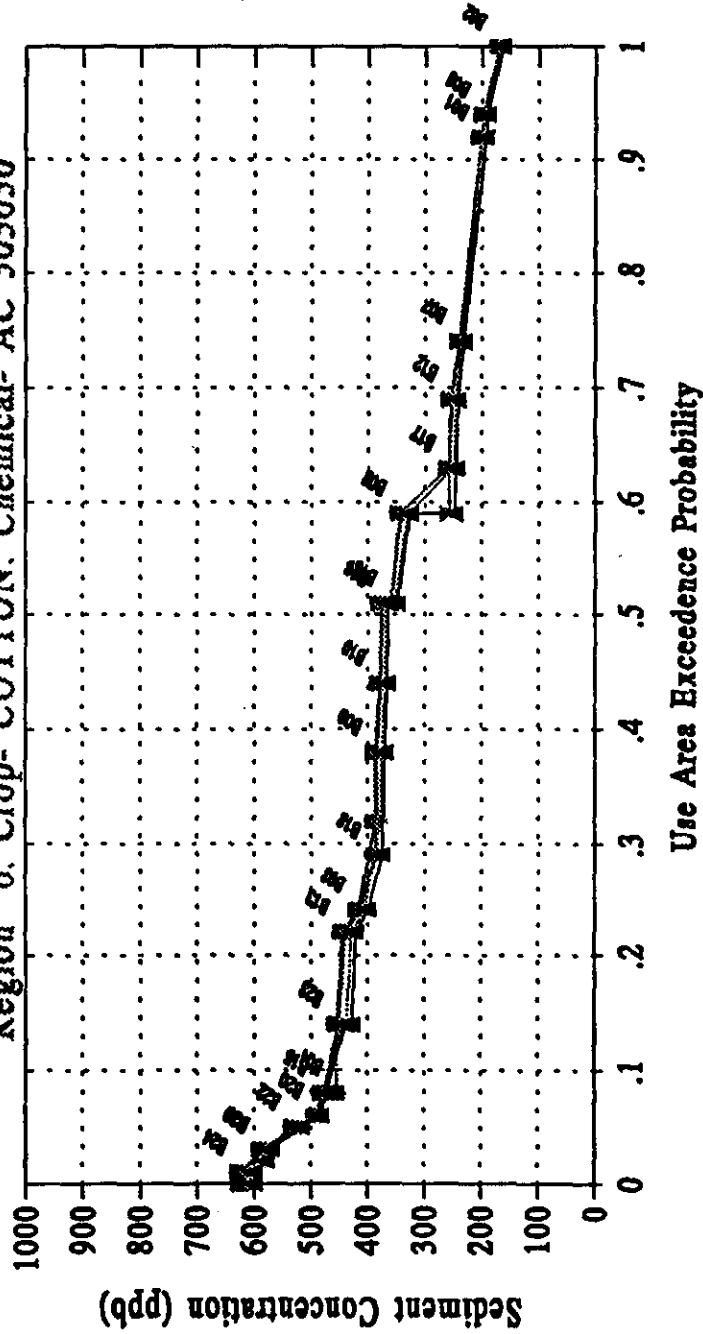
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Figure 6b. Sediment Concentrations - Region 6 - Early Applications

Pesticide Pond EEC (PRZM3-EXAMS) Ten-Year Return Period Sediment Concentration

Region 6: Crop- COTTON: Chemical- AC 303630



■ Maximum Peak ● Maximum 96 Hour ▼ Maximum 21 Day † Maximum 60 Day ▲ Maximum 90 Day

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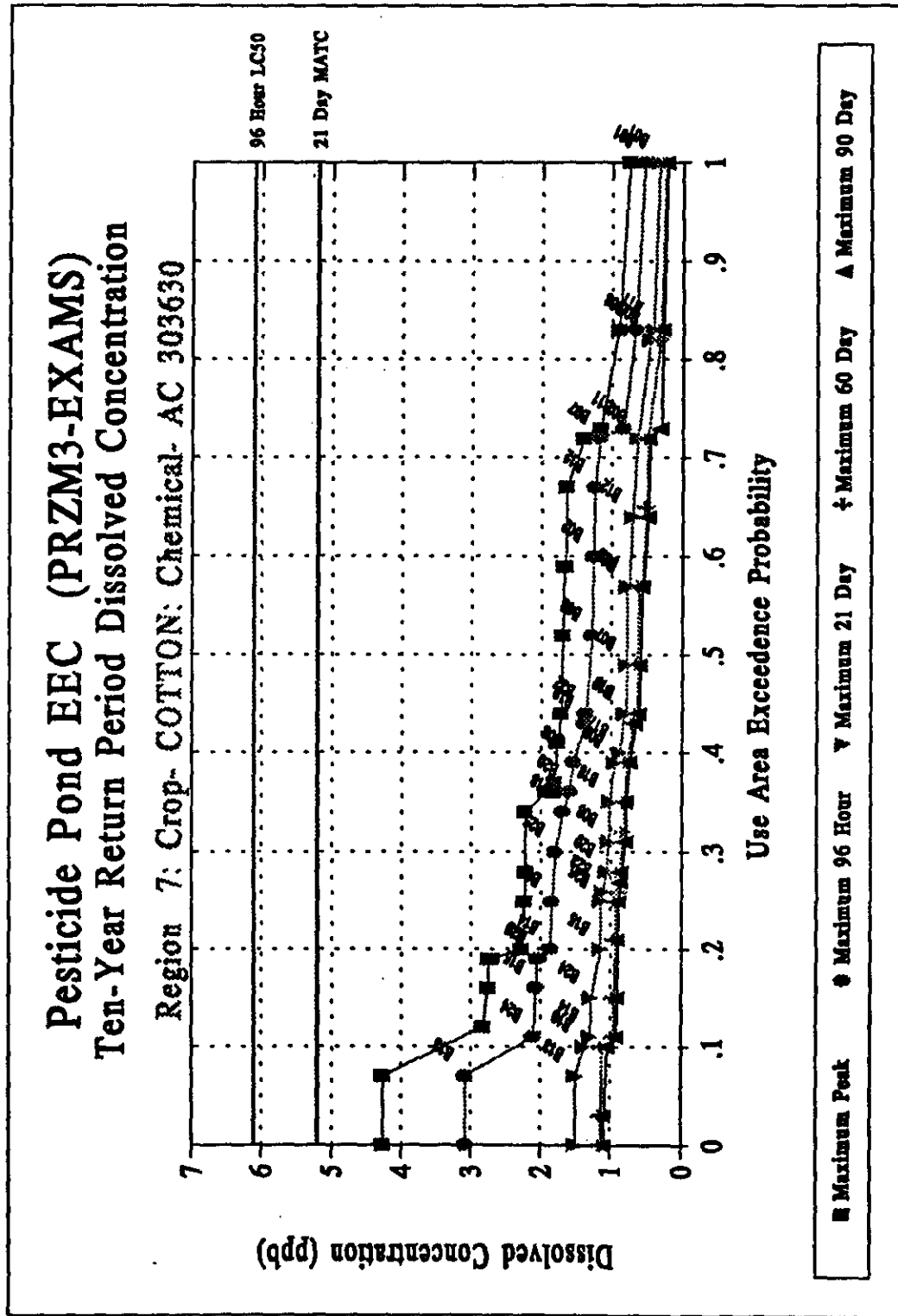
Table 8b. Modeling Results - Region 6 - Early Applications
Sediment

Instantaneous			96-Hour			21-Day			60-Day			90-Day		
Bin	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb)	Cum. Area
B24	623	1%	B24	623	1%	B24	619	1%	B24	606	1%	B24	599	1%
B19	587	3%	B19	587	3%	B19	584	3%	B25	579	2%	B25	578	2%
B25	584	3%	B25	584	3%	B25	581	3%	B19	575	3%	B19	571	3%
B22	530	5%	B22	530	5%	B22	527	5%	B22	521	5%	B22	517	5%
B20	490	6%	B20	490	6%	B20	489	6%	B20	485	6%	B20	482	6%
B15	480	8%	B15	480	8%	B15	478	8%	B15	476	8%	B15	473	8%
B04	455	8%	B04	454	8%	B23	452	14%	B23	445	14%	B23	438	14%
B23	454	14%	B23	454	14%	B04	450	14%	B04	437	14%	B04	427	14%
B13	444	22%	B13	443	22%	B13	439	22%	B13	429	22%	B13	421	22%
B03	416	24%	B03	415	24%	B03	413	24%	B03	405	24%	B03	399	24%
B09	387	32%	B18	387	29%	B18	385	29%	B09	378	32%	B18	375	29%
B18	387	38%	B09	386	38%	B09	384	38%	B18	376	38%	B09	370	38%
B10	379	44%	B10	379	44%	B10	377	44%	B10	370	44%	B14	366	44%
B14	377	51%	B14	377	51%	B14	375	51%	B14	369	51%	B10	365	51%
B21	373	51%	B21	373	51%	B21	371	51%	B21	363	51%	B21	360	51%
B16	361	51%	B16	361	51%	B16	359	51%	B16	353	51%	B16	348	51%
B08	344	59%	B08	344	59%	B08	342	59%	B08	331	59%	B08	326	59%
B17	259	63%	B17	259	63%	B11	257	59%	B17	250	63%	B11	248	59%
B11	258	63%	B11	258	63%	B17	257	63%	B11	249	63%	B17	245	63%
B12	255	69%	B12	254	69%	B12	253	69%	B12	247	69%	B12	242	69%
B07	240	74%	B07	239	74%	B07	239	74%	B07	234	74%	B07	232	74%
B01	201	92%	B01	201	92%	B01	201	92%	B01	195	92%	B01	193	92%
B06	198	94%	B06	198	94%	B06	196	94%	B06	191	94%	B06	190	94%
B02	170	100%	B02	170	100%	B02	169	100%	B02	165	100%	B02	163	100%

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Figure 7a. Dissolved Concentrations - Region 7 - Early Applications



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Table 9a. Modeling Results - Region 7 - Early Applications

Water

<u>Instantaneous</u>		<u>96-Hour</u>		<u>21-Day</u>		<u>60-Day</u>		<u>90-Day</u>	
Bin	Conc. (ppb)	Conc. (ppb)	Area	Bin	Conc. (ppb)	Area	Bin	Conc. (ppb)	Area
B13	4.26	3.08	7%	B13	1.50	7%	B10	1.13	3%
B15	2.82	2.10	11%	B10	1.38	10%	B13	1.12	10%
B24	2.75	2.06	16%	B14	1.29	11%	B14	0.95	11%
B10	2.74	2.05	19%	B24	1.28	15%	B24	0.95	15%
B23	2.69	2.02	19%	B15	1.14	20%	B25	0.93	21%
B14	2.27	1.86	20%	B25	1.14	25%	B15	0.92	25%
B09	2.23	1.84	25%	B23	1.12	26%	B20	0.89	27%
B18	2.22	1.79	30%	B20	1.06	28%	B23	0.88	28%
B25	2.22	1.69	34%	B08	1.03	31%	B08	0.82	32%
B20	1.93	1.60	36%	B18	1.02	35%	B18	0.80	35%
B22	1.82	1.54	39%	B09	0.95	39%	B09	0.78	39%
B17	1.81	1.38	43%	B17	0.87	40%	B19	0.68	43%
B19	1.77	1.37	44%	B19	0.82	44%	B17	0.64	44%
B08	1.72	1.36	44%	B22	0.79	44%	B07	0.62	49%
B02	1.70	1.28	52%	B03	0.78	49%	B03	0.61	57%
B12	1.68	1.28	52%	B16	0.78	57%	B16	0.61	57%
B16	1.66	1.26	60%	B02	0.75	57%	B22	0.57	57%
B03	1.65	1.24	67%	B12	0.71	64%	B02	0.50	65%
B07	1.40	1.17	72%	B02	0.63	72%	B12	0.50	72%
B11	1.16	0.84	73%	B11	0.46	82%	B06	0.32	82%
B06	0.90	0.67	83%	B06	0.42	83%	B11	0.31	83%
B01	0.75	0.54	100%	B01	0.34	100%	B01	0.25	100%

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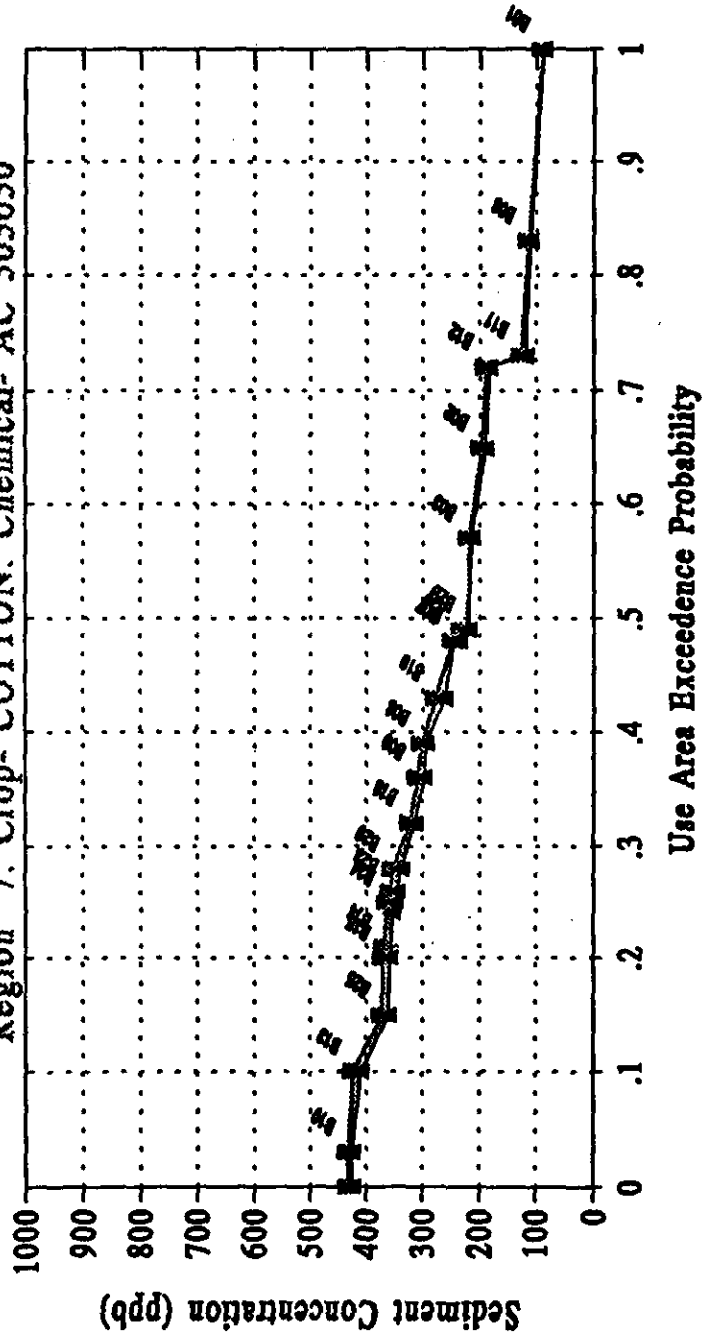
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Figure 7b. Sediment Concentrations - Region 7 - Early Applications

Pesticide Pond EEC (PRZM3-EXAMS) Ten-Year Return Period Sediment Concentration

Region 7: Crop- COTTON: Chemical- AC 303630



■ Maximum Peak ● Maximum 96 Hour ▼ Maximum 21 Day † Maximum 60 Day ▲ Maximum 90 Day

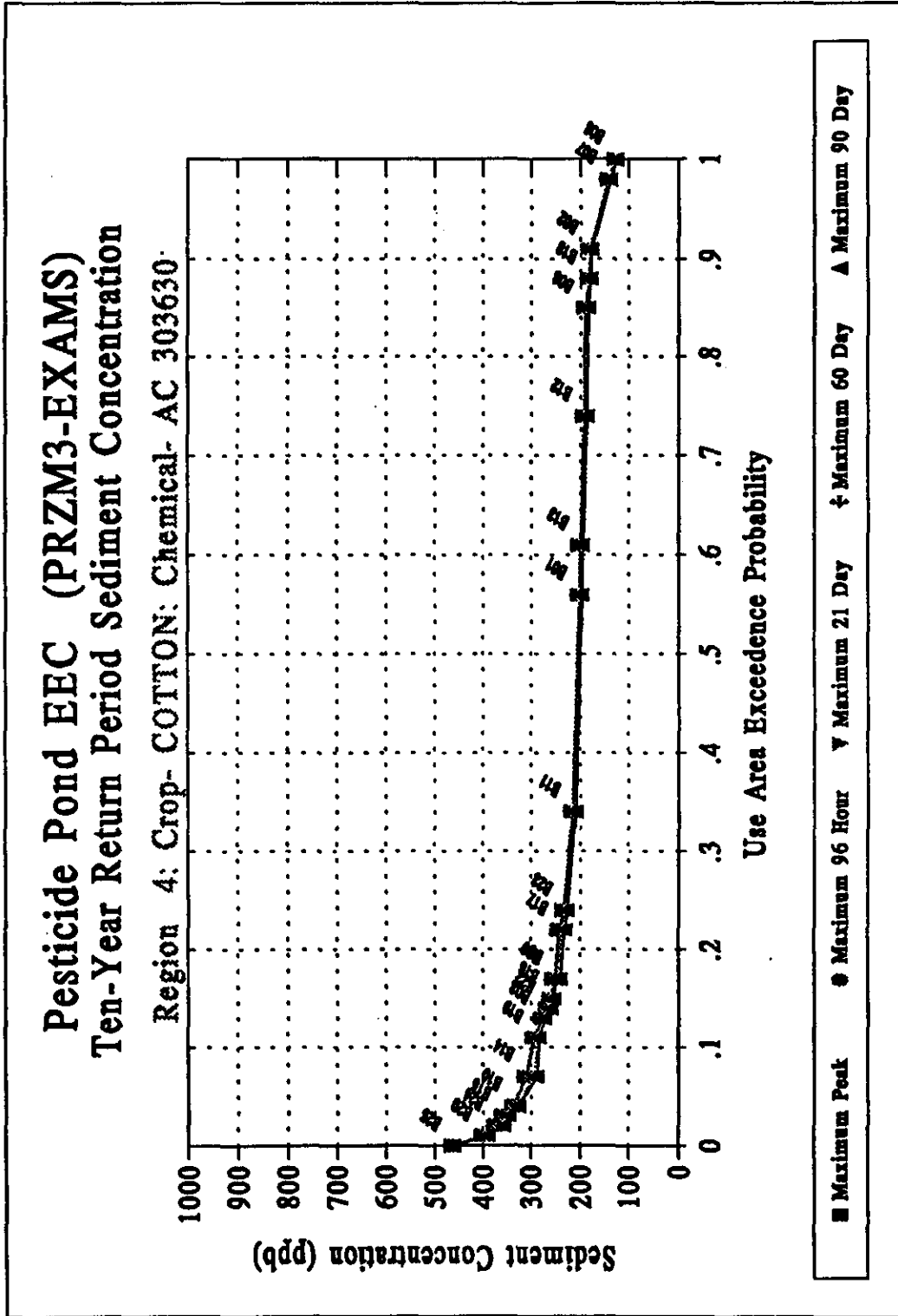
Table 9b. Modeling Results - Region 7 - Early Applications

Sediment														
Instantaneous			26-Hour			21-Day			60-Day			90-Day		
Bin	Conc. (ppb)	Cum. Area %	Bin	Conc. (ppb)	Cum. Area %	Bin	Conc. (ppb)	Cum. Area %	Bin	Conc. (ppb)	Cum. Area %	Bin	Conc. (ppb)	Cum. Area %
B10	433	3%	B10	433	3%	B10	431	3%	B10	427	3%	B10	425	3%
B13	424	10%	B13	424	10%	B13	421	10%	B13	413	10%	B13	409	10%
B25	373	15%	B25	373	15%	B25	370	15%	B25	364	15%	B25	361	15%
B15	371	20%	B15	371	20%	B15	369	20%	B15	362	20%	B15	358	20%
B14	369	21%	B14	369	21%	B14	367	21%	B14	359	21%	B24	352	24%
B24	364	25%	B24	364	25%	B24	361	25%	B24	357	25%	B14	349	25%
B23	357	26%	B23	357	26%	B23	356	26%	B23	349	26%	B23	345	26%
B20	355	28%	B20	355	28%	B20	353	28%	B20	345	28%	B20	338	28%
B18	323	32%	B18	323	32%	B18	322	32%	B18	317	32%	B18	314	32%
B09	310	36%	B09	310	36%	B09	307	36%	B09	299	36%	B09	297	36%
B08	302	39%	B08	302	39%	B08	300	39%	B08	296	39%	B08	294	39%
B19	278	43%	B19	277	43%	B19	275	43%	B19	263	43%	B19	261	43%
B07	248	48%	B07	248	48%	B07	246	48%	B07	245	48%	B07	244	48%
B16	241	48%	B16	241	48%	B16	240	48%	B16	237	48%	B16	235	48%
B17	233	49%	B17	232	49%	B17	229	49%	B17	225	49%	B17	220	49%
B22	221	49%	B22	221	49%	B22	219	49%	B03	215	57%	B03	215	57%
B03	220	57%	B03	220	57%	B03	218	57%	B22	215	57%	B22	214	57%
B02	198	65%	B02	198	65%	B02	197	65%	B02	193	65%	B02	190	65%
B12	190	72%	B12	190	72%	B12	189	72%	B12	186	72%	B12	183	72%
B11	128	73%	B11	127	73%	B11	126	73%	B11	122	73%	B11	119	73%
B06	115	83%	B06	115	83%	B06	114	83%	B06	112	83%	B06	110	83%
B01	90	100%	B01	90	100%	B01	89	100%	B01	88	100%	B01	87	100%

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Figure 8a. Dissolved Concentrations - Region 4 - Late Applications



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Table 10a. Modeling Results - Region 4 - Late Applications

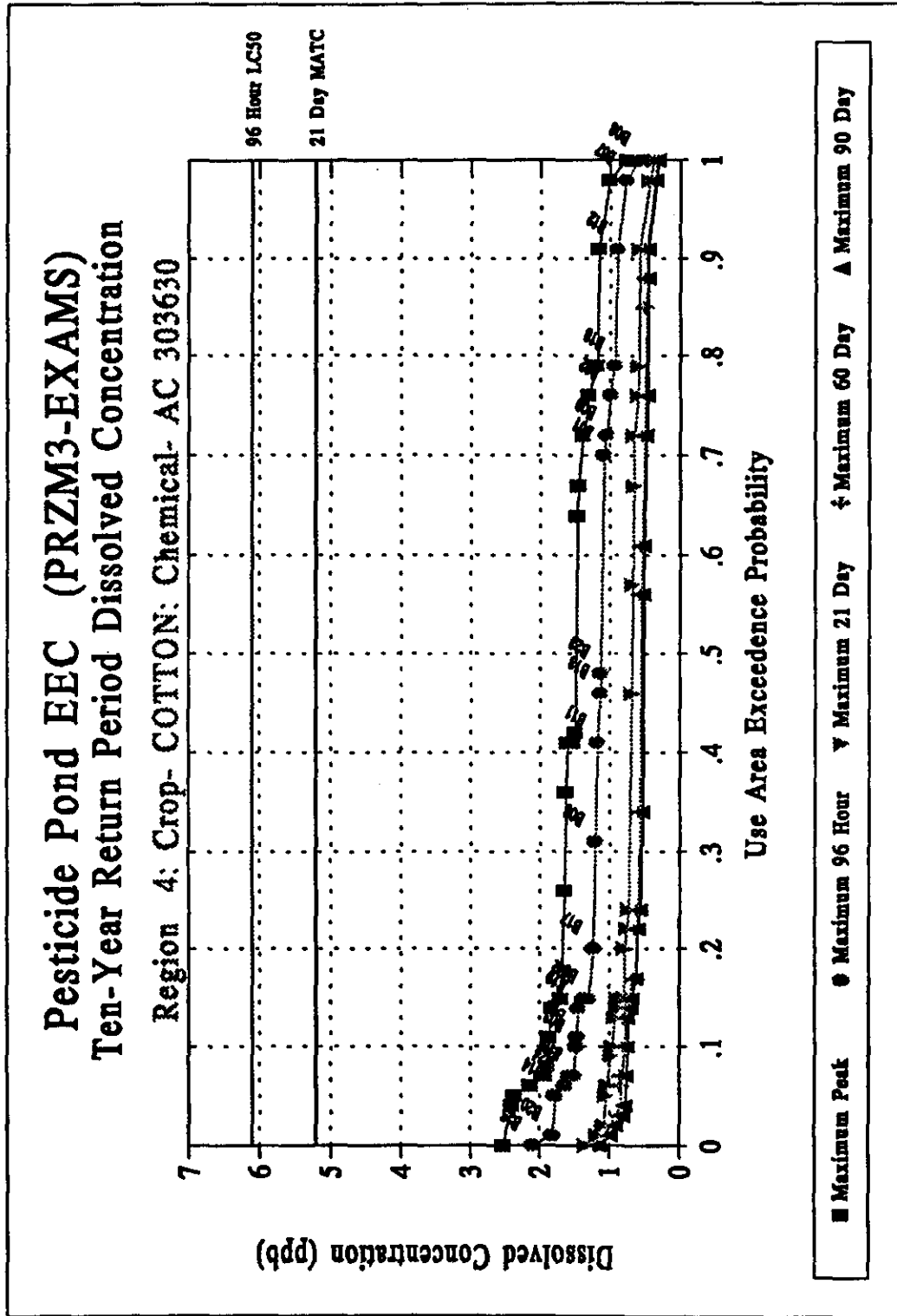
Water														
Instantaneous			26-Hour			21-Day			60-Day			90-Day		
Bin	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb)	Cum. Area
B25	2.52	0%	B25	2.10	0%	B25	1.34	0%	B25	1.18	0%	B25	1.14	0%
B14	2.40	4%	B20	1.81	1%	B20	1.17	1%	B20	1.01	1%	B20	0.97	1%
B20	2.36	5%	B14	1.78	5%	B24	1.09	2%	B24	0.91	2%	B24	0.89	2%
B16	2.13	6%	B24	1.64	6%	B03	1.05	5%	B15	0.84	3%	B15	0.80	3%
B24	1.96	7%	B16	1.57	7%	B15	1.03	6%	B03	0.82	6%	B10	0.77	4%
B15	1.92	7%	B15	1.51	7%	B14	0.97	9%	B10	0.81	7%	B03	0.74	7%
B10	1.88	8%	B03	1.48	10%	B10	0.96	10%	B14	0.77	10%	B14	0.74	10%
B03	1.87	11%	B10	1.47	11%	B19	0.92	13%	B19	0.77	13%	B19	0.73	13%
B19	1.82	14%	B19	1.45	14%	B22	0.89	14%	B22	0.72	14%	B22	0.67	14%
B22	1.69	15%	B22	1.37	15%	B16	0.88	15%	B16	0.71	15%	B16	0.66	15%
B06	1.65	26%	B04	1.30	15%	B04	0.78	15%	B09	0.64	17%	B09	0.62	17%
B11	1.63	36%	B17	1.23	20%	B17	0.78	20%	B04	0.60	17%	B17	0.58	22%
B17	1.61	41%	B06	1.21	31%	B09	0.73	22%	B17	0.59	22%	B04	0.58	22%
B04	1.54	41%	B11	1.18	41%	B23	0.73	24%	B23	0.59	24%	B23	0.55	24%
B23	1.50	42%	B13	1.14	46%	B01	0.68	46%	B11	0.55	34%	B11	0.52	34%
B01	1.47	64%	B23	1.13	48%	B06	0.66	57%	B01	0.54	56%	B01	0.51	56%
B09	1.46	67%	B01	1.09	70%	B11	0.65	67%	B13	0.53	61%	B13	0.51	61%
B13	1.39	72%	B09	1.05	72%	B13	0.65	72%	B06	0.49	72%	B06	0.47	72%
B02	1.31	76%	B02	0.99	76%	B02	0.59	76%	B12	0.47	85%	B02	0.45	76%
B18	1.19	79%	B18	0.93	79%	B18	0.58	79%	B02	0.47	88%	B12	0.45	88%
B12	1.16	91%	B12	0.89	91%	B12	0.57	91%	B18	0.46	91%	B18	0.45	91%
B07	1.01	98%	B07	0.77	98%	B07	0.43	98%	B07	0.36	98%	B07	0.34	98%
B08	0.76	100%	B08	0.56	100%	B08	0.37	100%	B08	0.32	100%	B08	0.31	100%

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Figure 8b. Sediment Concentrations - Region 4 - Late Applications



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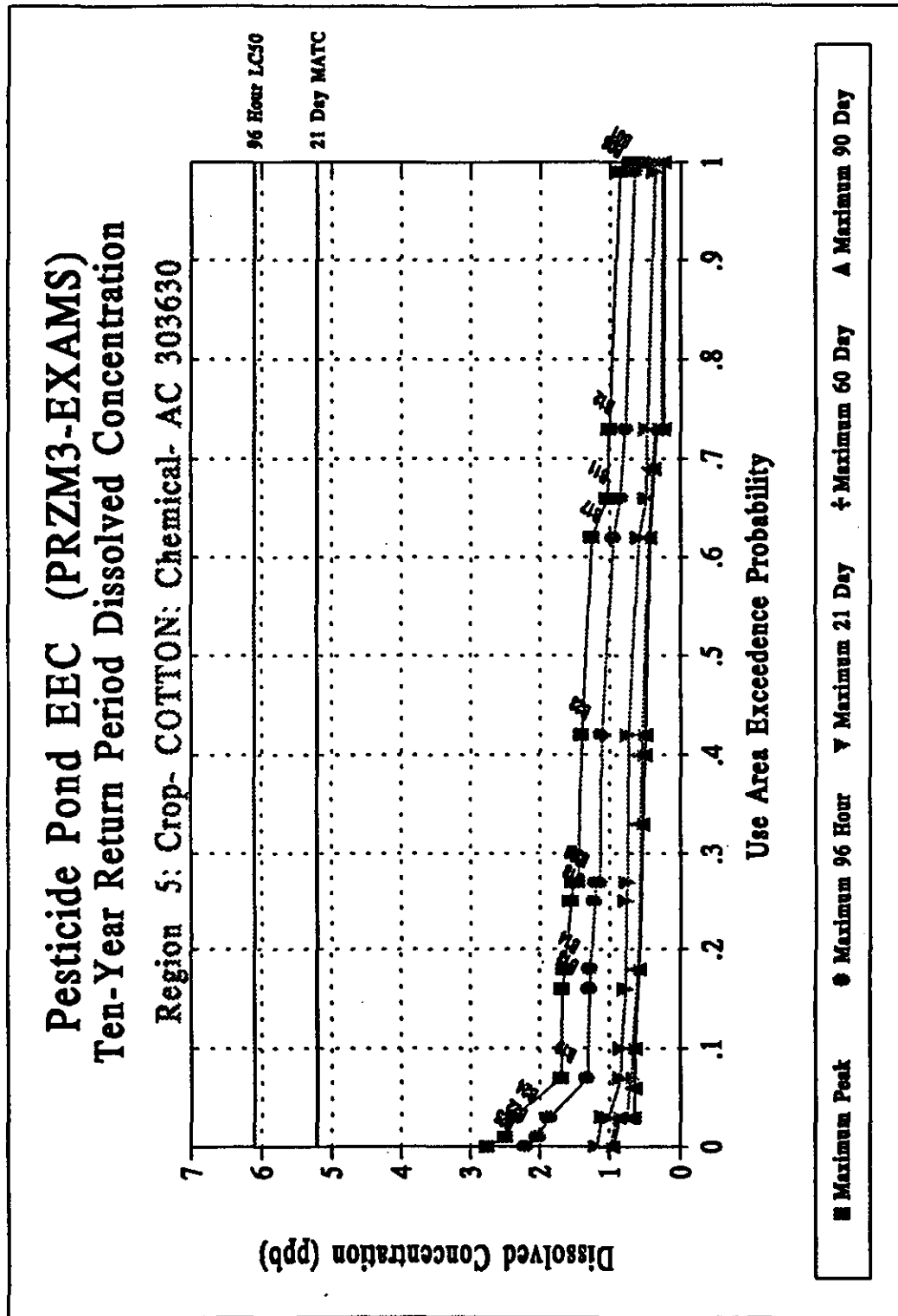
Table 10b. Modeling Results - Region 4 - Late Applications

		Sediment												
		Instantaneous		96-Hour		21-Day		60-Day		90-Day				
Bin	Conc. (ppb)	Cum. Area	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb)	Cum. Area	
B25	464	0%	B25	462	0%	B25	460	0%	B25	460	0%	B25	460	0%
B20	400	1%	B20	399	1%	B20	390	1%	B20	390	1%	B20	388	1%
B24	376	2%	B24	371	2%	B24	356	2%	B24	356	2%	B24	356	2%
B15	359	3%	B15	356	3%	B15	351	3%	B15	351	3%	B15	346	3%
B10	337	4%	B10	335	4%	B10	330	4%	B10	330	4%	B10	325	4%
B14	311	7%	B14	309	7%	B14	294	7%	B14	294	7%	B14	287	7%
B19	294	11%	B19	290	11%	B19	285	11%	B19	285	11%	B19	282	11%
B03	278	13%	B03	277	13%	B03	272	13%	B03	272	13%	B03	272	13%
B22	267	14%	B22	266	14%	B22	261	14%	B22	261	14%	B22	259	14%
B16	260	15%	B16	259	15%	B16	256	15%	B16	256	15%	B16	254	15%
B09	254	17%	B09	253	17%	B09	248	17%	B09	248	17%	B09	248	17%
B04	251	17%	B04	249	17%	B04	242	17%	B04	242	17%	B04	240	17%
B17	243	22%	B17	241	22%	B17	236	22%	B17	236	22%	B17	231	22%
B23	234	24%	B23	233	24%	B23	229	24%	B23	229	24%	B23	227	24%
B11	217	34%	B11	216	34%	B11	213	34%	B11	213	34%	B11	209	34%
B01	204	56%	B01	203	56%	B01	200	56%	B01	200	56%	B01	197	56%
B13	201	61%	B13	200	61%	B13	196	61%	B13	196	61%	B13	195	61%
B12	194	74%	B12	193	74%	B12	192	74%	B12	192	74%	B12	187	74%
B06	191	85%	B06	190	85%	B06	187	85%	B06	187	85%	B06	184	85%
B18	183	88%	B18	182	88%	B18	181	88%	B18	181	88%	B18	179	88%
B02	182	91%	B02	181	91%	B02	178	91%	B02	178	91%	B02	177	91%
B07	143	98%	B07	141	98%	B07	138	98%	B07	138	98%	B07	137	98%
B08	128	100%	B08	127	100%	B08	126	100%	B08	126	100%	B08	124	100%

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Figure 9a. Dissolved Concentrations - Region 5 - Late Applications



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Table 11a. Modeling Results - Region 5 - Late Applications

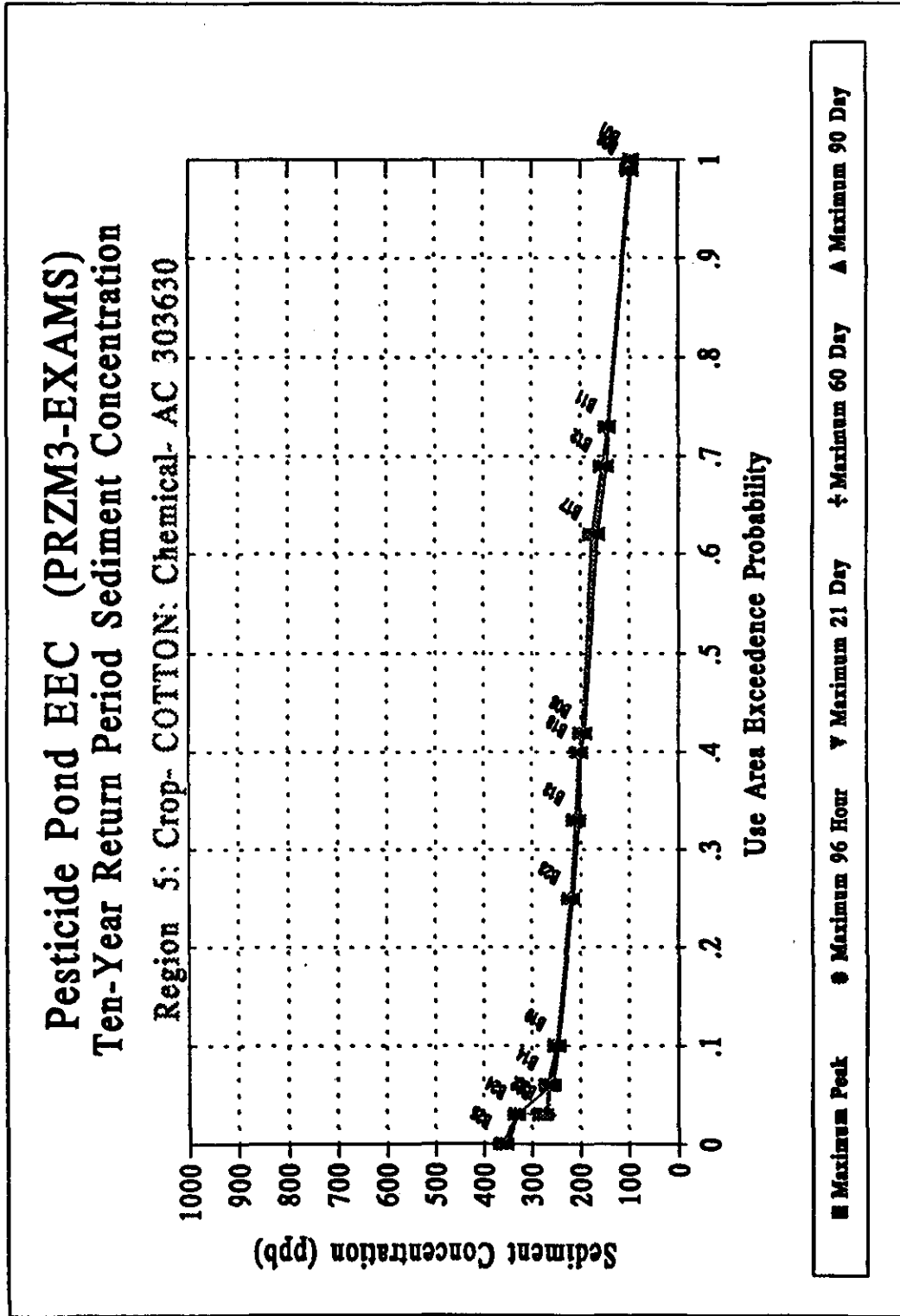
		Water																			
		Instantaneous				96-Hour				21-Day				60-Day				90-Day			
Bin	Conc. (ppb)	Cum. Area	Cum. Area	Conc. (ppb)	Cum. Area	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb)	Cum. Area		
B25	2.75	0%	0%	2.19	0%	1.19	0%	B25	0.99	0%	B25	0.99	0%	B25	0.94	0%	B25	0.94	0%		
B22	2.48	1%	1%	2.02	1%	1.10	3%	B24	0.89	3%	B24	0.89	3%	B24	0.85	3%	B24	0.85	3%		
B24	2.38	3%	3%	1.87	3%	1.02	3%	B22	0.75	3%	B22	0.75	3%	B22	0.71	3%	B22	0.71	3%		
B19	1.69	7%	7%	1.32	7%	0.83	7%	B19	0.71	7%	B19	0.71	7%	B20	0.66	3%	B20	0.66	3%		
B13	1.68	16%	16%	1.29	16%	0.83	10%	B14	0.68	7%	B20	0.68	7%	B14	0.64	6%	B14	0.64	6%		
B14	1.65	18%	18%	1.28	18%	0.77	16%	B18	0.67	10%	B14	0.67	10%	B19	0.63	10%	B19	0.63	10%		
B18	1.56	25%	25%	1.22	25%	0.76	25%	B13	0.60	18%	B13	0.60	18%	B13	0.58	18%	B13	0.58	18%		
B08	1.53	27%	27%	1.20	27%	0.75	27%	B08	0.56	33%	B23	0.56	33%	B23	0.53	33%	B23	0.53	33%		
B20	1.46	27%	27%	1.14	27%	0.74	27%	B20	0.55	40%	B18	0.55	40%	B18	0.50	40%	B18	0.50	40%		
B23	1.41	42%	42%	1.12	42%	0.73	42%	B23	0.54	42%	B08	0.54	42%	B08	0.49	42%	B08	0.49	42%		
B17	1.26	62%	62%	0.95	62%	0.59	62%	B17	0.45	62%	B17	0.45	62%	B17	0.44	62%	B17	0.44	62%		
B11	1.03	66%	66%	0.85	66%	0.48	66%	B11	0.48	66%	B12	0.39	69%	B12	0.38	69%	B12	0.38	69%		
B12	1.01	73%	73%	0.78	73%	0.48	73%	B12	0.48	73%	B11	0.35	73%	B11	0.34	73%	B11	0.34	73%		
B06	0.86	99%	99%	0.65	99%	0.36	99%	B06	0.36	99%	B01	0.28	73%	B01	0.24	73%	B01	0.24	73%		
B01	0.71	100%	100%	0.53	100%	0.35	100%	B01	0.35	100%	B06	0.27	100%	B06	0.24	100%	B06	0.24	100%		

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Figure 9b. Sediment Concentrations - Region 5 - Late Applications



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Table 11b. Modeling Results - Region 5 - Late Applications

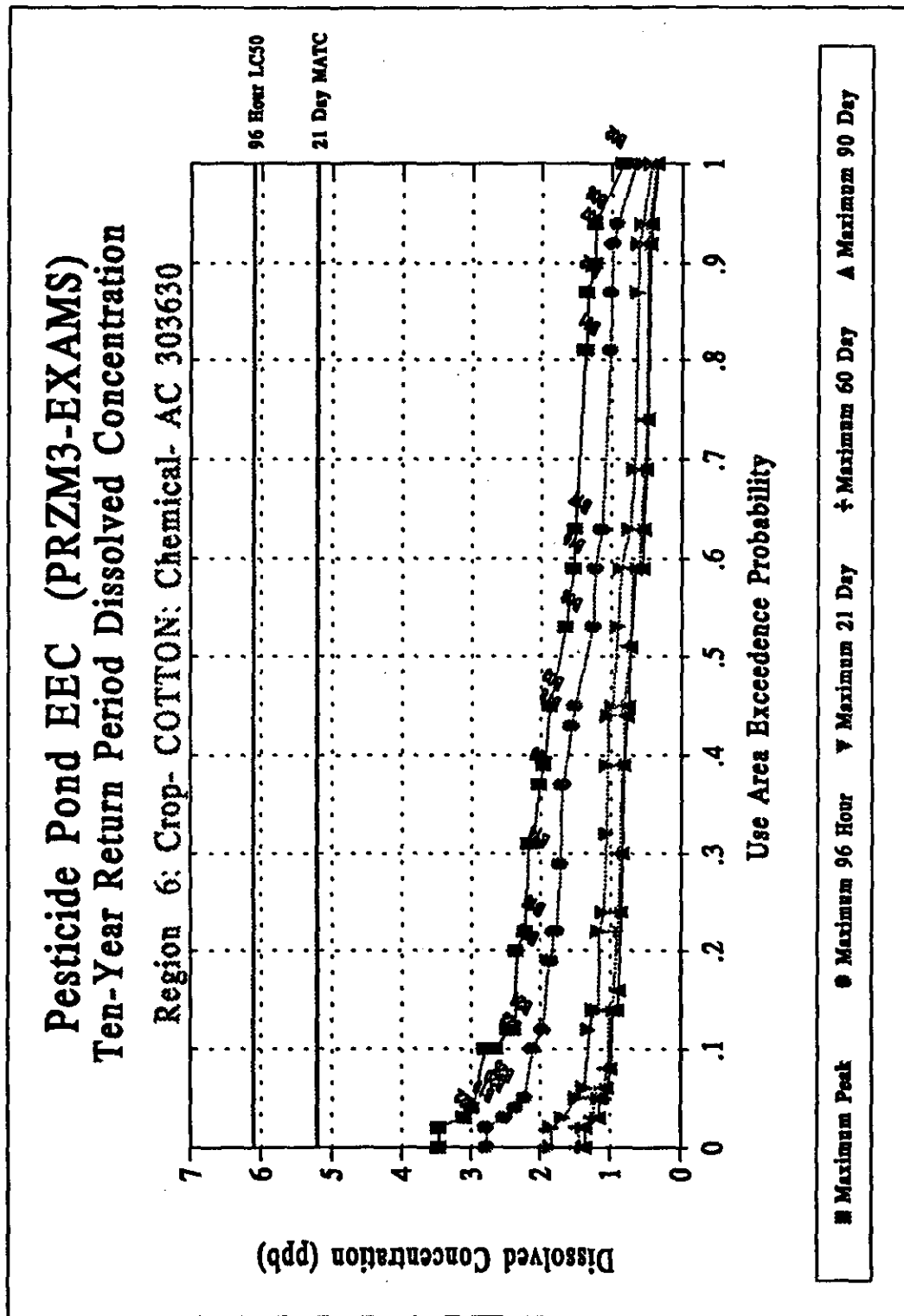
		Instantaneous			96-Hour			21-Day			60-Day			90-Day		
		Conc.	Cum.		Conc.	Cum.		Conc.	Cum.		Conc.	Cum.		Conc.	Cum.	
Bin	(ppb)	Area		Bin	(ppb)	Area		Bin	(ppb)	Area		Bin	(ppb)	Area		
B25	364	0%		B25	364	0%		B25	361	0%		B25	356	0%		
B24	331	3%		B24	331	3%		B24	330	3%		B24	327	3%		
B22	280	3%		B22	280	3%		B22	278	3%		B22	274	3%		
B20	269	3%		B20	269	3%		B20	268	3%		B20	265	3%		
B14	268	6%		B14	268	6%		B14	265	6%		B14	262	6%		
B19	250	10%		B19	250	10%		B19	249	10%		B19	247	10%		
B23	221	25%		B23	221	25%		B23	220	25%		B23	218	25%		
B13	212	33%		B13	212	33%		B13	211	33%		B13	206	33%		
B18	205	40%		B18	205	40%		B18	204	40%		B18	201	40%		
B08	198	42%		B08	198	42%		B08	197	42%		B08	193	42%		
B17	177	62%		B17	177	62%		B17	175	62%		B17	169	62%		
B12	156	69%		B12	155	69%		B12	154	69%		B12	148	69%		
B11	144	73%		B11	144	73%		B11	143	73%		B11	141	73%		
B06	98	99%		B06	98	99%		B06	98	99%		B06	96	99%		
B01	95	100%		B01	95	100%		B01	94	100%		B01	93	100%		

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Figure 10a. Dissolved Concentrations - Region 6 - Late Applications



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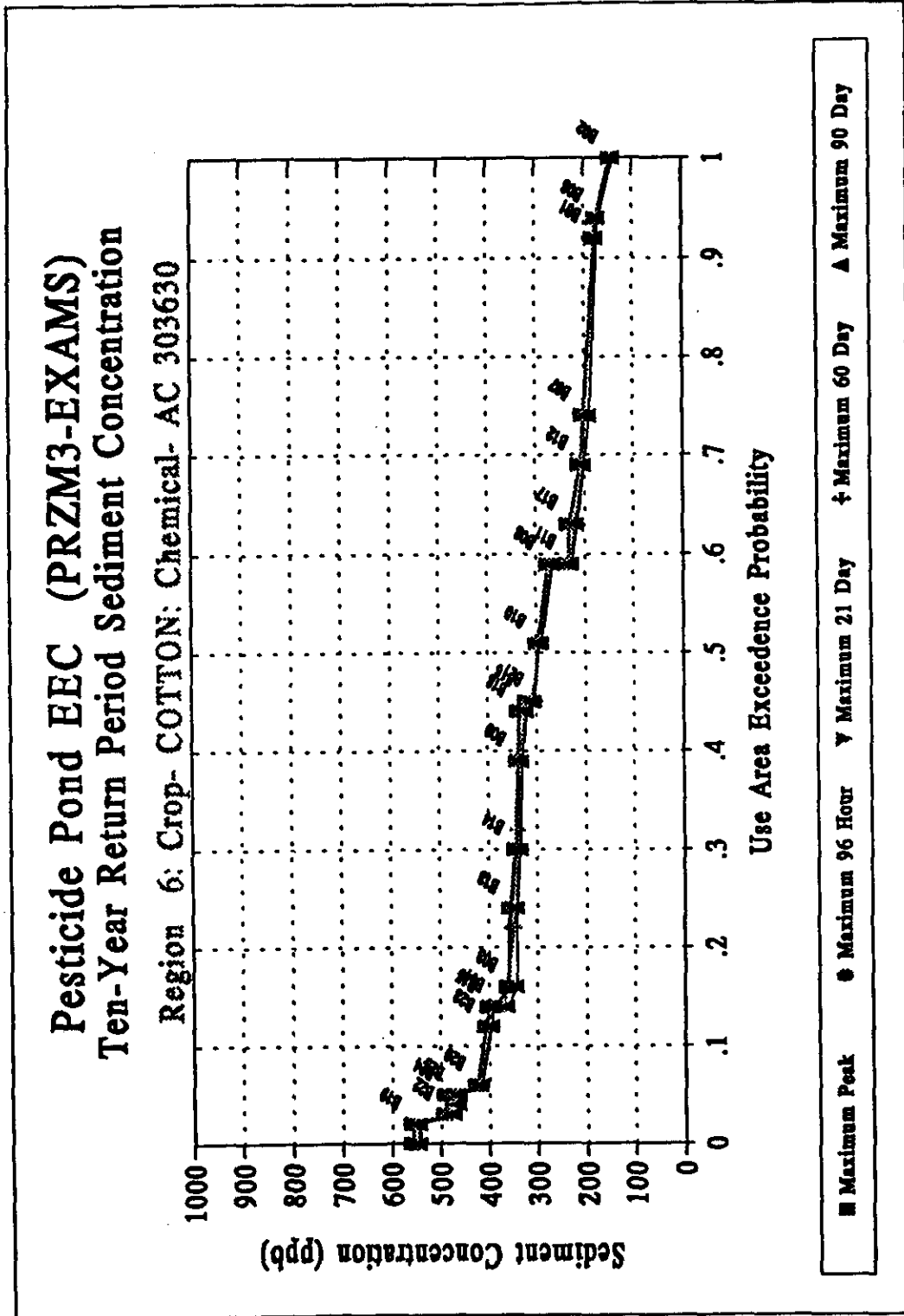
Table 12a. Modeling Results - Region 6 - Late Applications
Water

<u>Instantaneous</u>			<u>96-Hour</u>			<u>21-Day</u>			<u>60-Day</u>			<u>90-Day</u>		
<u>Bin</u>	<u>Conc. (ppb)</u>	<u>Cum. Area</u>	<u>Bin</u>	<u>Conc. (ppb)</u>	<u>Cum. Area</u>	<u>Bin</u>	<u>Conc. (ppb)</u>	<u>Cum. Area</u>	<u>Bin</u>	<u>Conc. (ppb)</u>	<u>Cum. Area</u>	<u>Bin</u>	<u>Conc. (ppb)</u>	<u>Cum. Area</u>
B22	3.46	2%	B22	2.78	2%	B19	1.84	2%	B19	1.45	2%	B19	1.36	2%
B20	3.09	3%	B19	2.51	3%	B22	1.67	3%	B22	1.23	3%	B24	1.16	3%
B19	2.98	4%	B20	2.35	4%	B24	1.48	5%	B24	1.23	5%	B22	1.15	5%
B23	2.80	10%	B25	2.22	5%	B20	1.37	6%	B25	1.19	5%	B25	1.13	5%
B25	2.64	10%	B23	2.11	10%	B25	1.37	6%	B20	1.10	6%	B20	1.05	6%
B24	2.46	12%	B24	1.96	12%	B23	1.30	12%	B15	1.04	8%	B15	1.00	8%
B04	2.38	12%	B13	1.88	19%	B15	1.24	14%	B23	1.02	14%	B23	0.97	14%
B16	2.37	12%	B04	1.85	19%	B04	1.17	14%	B04	0.97	14%	B04	0.90	14%
B13	2.34	20%	B15	1.80	22%	B13	1.16	22%	B13	0.91	22%	B03	0.88	16%
B15	2.22	22%	B16	1.77	22%	B21	1.16	22%	B03	0.89	24%	B13	0.85	24%
B09	2.17	31%	B14	1.72	29%	B03	1.10	24%	B14	0.87	30%	B14	0.83	30%
B21	2.11	31%	B09	1.70	37%	B09	1.06	32%	B09	0.84	39%	B09	0.81	39%
B14	2.02	37%	B21	1.68	37%	B14	1.05	39%	B21	0.84	39%	B18	0.77	44%
B03	1.95	39%	B18	1.56	43%	B18	1.04	44%	B16	0.82	39%	B21	0.76	44%
B18	1.87	45%	B03	1.52	45%	B16	0.98	45%	B18	0.81	45%	B16	0.75	45%
B08	1.65	53%	B08	1.26	53%	B08	0.90	53%	B10	0.73	51%	B10	0.72	51%
B10	1.54	59%	B10	1.23	59%	B10	0.85	59%	B08	0.69	59%	B08	0.65	59%
B17	1.52	63%	B17	1.14	63%	B17	0.73	63%	B11	0.59	59%	B11	0.54	59%
B01	1.38	81%	B11	1.13	63%	B11	0.72	63%	B17	0.57	63%	B17	0.53	63%
B11	1.36	81%	B01	1.02	81%	B12	0.66	69%	B12	0.52	69%	B12	0.50	69%
B12	1.35	87%	B12	1.01	87%	B01	0.62	87%	B07	0.49	74%	B07	0.48	74%
B06	1.24	90%	B07	0.99	92%	B07	0.61	92%	B01	0.48	92%	B01	0.44	92%
B07	1.24	94%	B06	0.92	94%	B06	0.56	94%	B06	0.46	94%	B06	0.43	94%
B02	0.83	100%	B02	0.65	100%	B02	0.43	100%	B02	0.36	100%	B02	0.34	100%

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Figure 10b. Sediment Concentrations - Region 6 - Late Applications



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Table 12b. Modeling Results - Region 6 - Late Applications
Sediment

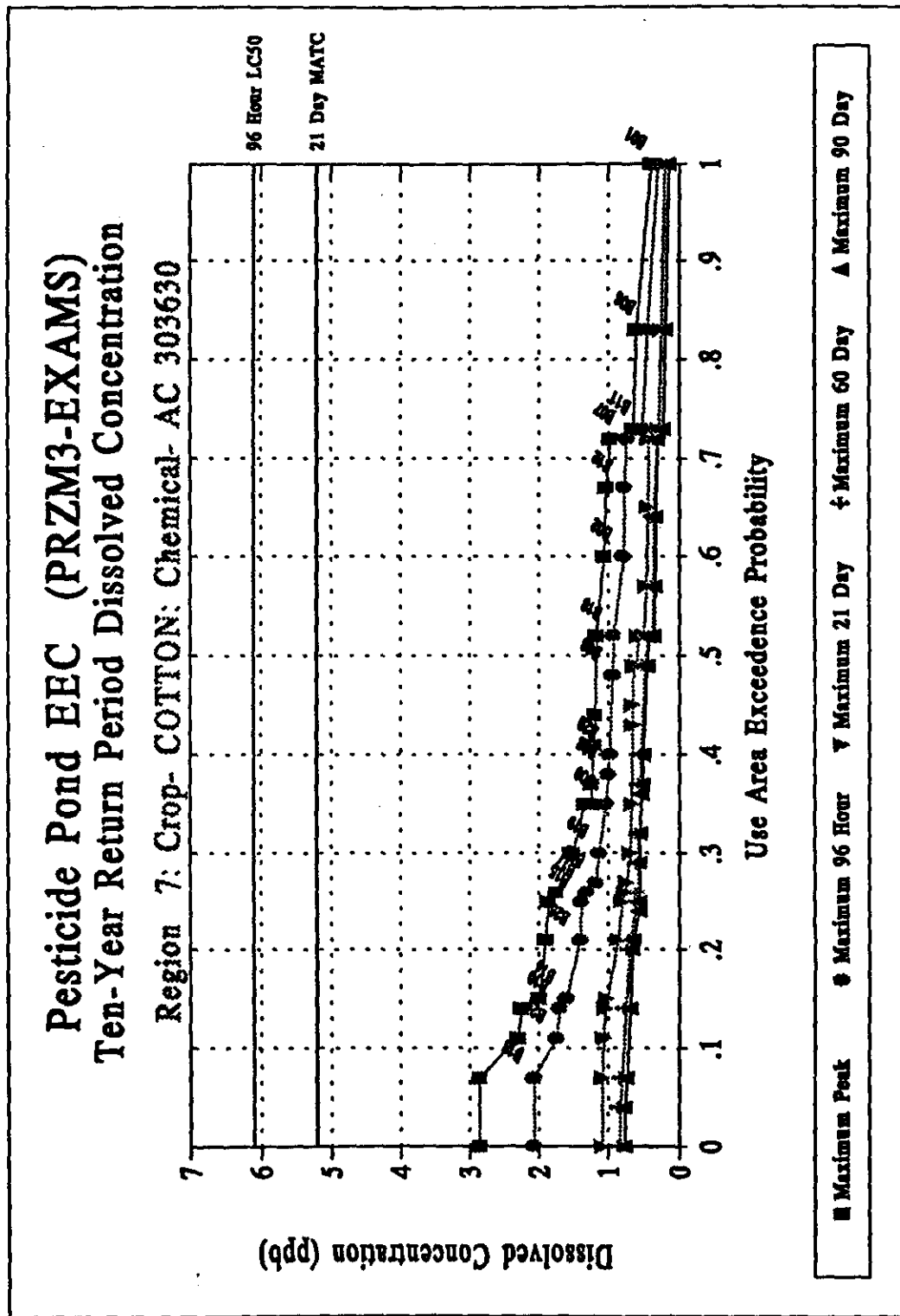
<u>Instantaneous</u>			<u>96-Hour</u>			<u>21-Day</u>			<u>60-Day</u>			<u>90-Day</u>		
Bin	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb)	Cum. Area
B19	559	2%	B19	559	2%	B19	556	2%	B19	548	2%	B19	543	2%
B22	492	3%	B22	492	3%	B22	489	3%	B22	479	3%	B22	472	3%
B24	490	5%	B24	490	5%	B24	488	5%	B25	465	4%	B25	462	4%
B25	471	5%	B25	471	5%	B25	469	5%	B24	464	5%	B24	461	5%
B20	427	6%	B20	427	6%	B20	424	6%	B20	421	6%	B20	416	6%
B23	407	12%	B23	407	12%	B23	405	12%	B23	398	12%	B23	394	12%
B15	402	14%	B15	401	14%	B15	399	14%	B15	394	14%	B15	392	14%
B04	387	14%	B04	386	14%	B04	383	14%	B04	369	14%	B04	362	14%
B03	362	16%	B03	360	16%	B03	358	16%	B13	347	22%	B03	342	16%
B13	357	24%	B13	356	24%	B13	353	24%	B03	345	24%	B13	342	24%
B14	345	30%	B14	345	30%	B14	343	30%	B09	336	32%	B14	334	30%
B09	340	39%	B09	340	39%	B09	338	39%	B14	336	39%	B09	330	39%
B18	337	44%	B18	336	44%	B18	333	44%	B18	324	44%	B18	320	44%
B16	321	45%	B16	320	45%	B16	318	45%	B16	310	45%	B16	306	45%
B21	303	45%	B21	303	45%	B21	301	45%	B10	294	51%	B10	293	51%
B10	298	51%	B10	298	51%	B10	297	51%	B21	294	51%	B21	289	51%
B08	276	59%	B08	276	59%	B08	275	59%	B08	269	59%	B08	265	59%
B11	235	59%	B11	235	59%	B11	234	59%	B11	231	59%	B11	228	59%
B17	233	63%	B17	232	63%	B17	230	63%	B17	221	63%	B17	216	63%
B12	210	69%	B12	210	69%	B12	209	69%	B12	204	69%	B12	201	69%
B07	204	74%	B07	204	74%	B07	203	74%	B07	200	74%	B07	190	74%
B01	181	92%	B01	181	92%	B01	180	92%	B01	177	92%	B01	174	92%
B06	177	94%	B06	177	94%	B06	176	94%	B06	174	94%	B06	171	94%
B02	146	100%	B02	145	100%	B02	144	100%	B02	140	100%	B02	139	100%

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Figure 11a. Dissolved Concentrations - Region 7 - Late Applications



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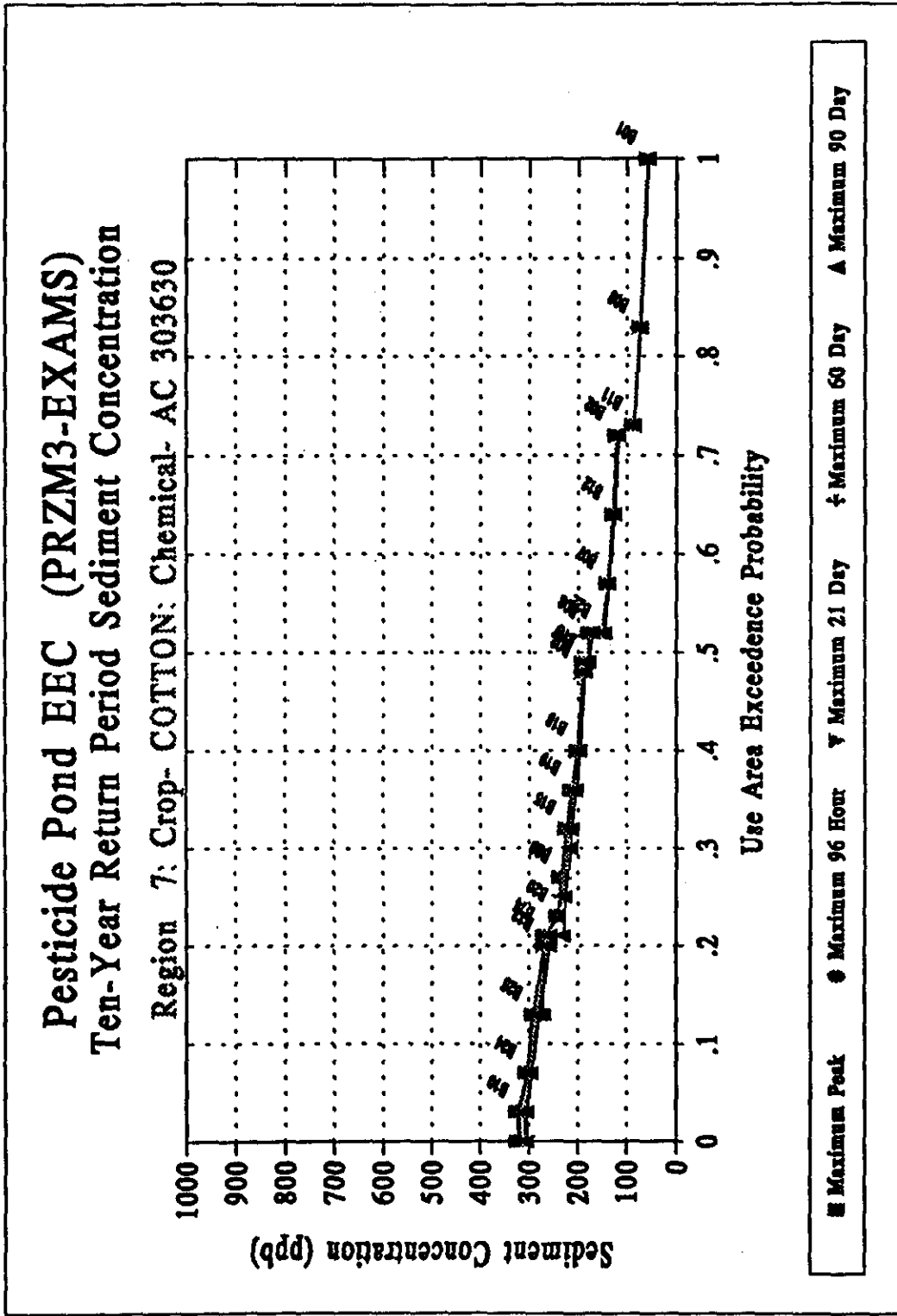
Table 13a. Modeling Results - Region 7 - Late Applications

Water														
Instantaneous			96-Hour			21-Day			60-Day			90-Day		
Bin	Conc. (ppb)	Cum. Area %	Bin	Conc. (ppb)	Cum. Area %	Bin	Conc. (ppb)	Cum. Area %	Bin	Conc. (ppb)	Cum. Area %	Bin	Conc. (ppb)	Cum. Area %
B13	2.85	7%	B13	1.08	7%	B24	0.83	4%	B24	0.77	4%	B24	0.77	4%
B24	2.29	11%	B24	1.06	11%	B10	0.80	7%	B10	0.74	7%	B10	0.74	7%
B10	2.25	14%	B10	1.04	14%	B13	0.75	14%	B13	0.68	14%	B13	0.68	14%
B14	1.99	15%	B14	1.02	15%	B25	0.70	20%	B25	0.66	20%	B25	0.66	20%
B25	1.90	21%	B25	0.86	21%	B14	0.69	21%	B14	0.65	21%	B14	0.65	21%
B15	1.86	25%	B15	0.80	25%	B15	0.60	25%	B18	0.56	24%	B18	0.56	24%
B17	1.75	26%	B17	0.78	26%	B23	0.59	26%	B23	0.56	25%	B23	0.56	25%
B19	1.55	30%	B23	0.74	27%	B18	0.58	29%	B15	0.56	29%	B15	0.56	29%
B23	1.51	30%	B19	0.69	30%	B20	0.58	32%	B20	0.55	32%	B20	0.55	32%
B09	1.34	35%	B09	0.67	35%	B17	0.56	32%	B09	0.53	36%	B09	0.53	36%
B16	1.24	35%	B08	0.66	43%	B09	0.55	37%	B17	0.52	37%	B17	0.52	37%
B20	1.24	37%	B20	0.65	45%	B19	0.54	40%	B19	0.51	40%	B19	0.51	40%
B22	1.24	37%	B22	0.64	49%	B03	0.49	49%	B03	0.46	49%	B03	0.46	49%
B18	1.20	41%	B03	0.59	49%	B16	0.47	49%	B16	0.45	49%	B16	0.45	49%
B08	1.19	44%	B16	0.58	52%	B08	0.46	52%	B08	0.43	52%	B08	0.43	52%
B03	1.17	52%	B18	0.93	52%	B22	0.39	52%	B22	0.36	52%	B22	0.36	52%
B02	1.06	60%	B02	0.78	60%	B07	0.47	57%	B07	0.35	57%	B07	0.35	57%
B12	1.03	67%	B12	0.77	67%	B02	0.44	65%	B12	0.34	64%	B12	0.34	64%
B07	0.97	72%	B07	0.74	72%	B12	0.43	72%	B02	0.31	72%	B02	0.31	72%
B11	0.65	73%	B11	0.52	73%	B11	0.30	73%	B11	0.23	73%	B11	0.23	73%
B06	0.60	83%	B06	0.45	83%	B06	0.26	83%	B06	0.19	83%	B06	0.19	83%
B01	0.40	100%	B01	0.30	100%	B01	0.21	100%	B01	0.15	100%	B01	0.15	100%

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Figure 11b. Sediment Concentrations - Region 7 - Late Applications



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Table 13b. Modeling Results - Region 7 - Late Applications

		Instantaneous				96-Hour				21-Day				60-Day				90-Day						
		Conc.	Cum.	Area		Conc.	Cum.	Area		Conc.	Cum.	Area		Conc.	Cum.	Area		Conc.	Cum.	Area				
Bin	(ppb)			%	Bin	(ppb)		%	Bin	(ppb)		%	Bin	(ppb)		%	Bin	(ppb)		%	Bin	(ppb)		%
B10	323	3%			B10	323	3%		B10	319	3%		B10	310	3%		B10	304	3%		B10	304	3%	
B24	305	7%			B24	305	7%		B24	303	7%		B24	298	7%		B24	295	7%		B24	295	7%	
B25	293	13%			B25	292	13%		B25	290	13%		B25	284	13%		B25	278	13%		B25	278	13%	
B14	270	13%			B13	269	20%		B13	268	20%		B13	262	20%		B13	257	20%		B13	257	20%	
B13	269	21%			B14	269	21%		B14	266	21%		B14	261	21%		B14	257	21%		B14	257	21%	
B20	241	23%			B20	241	23%		B20	239	23%		B09	231	25%		B23	229	21%		B23	229	21%	
B09	237	27%			B09	237	27%		B09	234	27%		B23	231	25%		B09	227	25%		B09	227	25%	
B23	235	27%			B23	234	27%		B23	233	27%		B20	228	27%		B15	215	30%		B15	215	30%	
B15	224	32%			B15	224	32%		B15	223	32%		B15	218	32%		B20	213	32%		B20	213	32%	
B19	215	36%			B19	215	36%		B19	213	36%		B19	209	36%		B19	204	36%		B19	204	36%	
B18	202	40%			B18	201	40%		B18	200	40%		B18	198	40%		B18	196	40%		B18	196	40%	
B03	192	48%			B03	192	48%		B03	191	48%		B03	188	48%		B03	186	48%		B03	186	48%	
B17	192	49%			B17	191	49%		B17	189	49%		B17	186	49%		B17	183	49%		B17	183	49%	
B16	182	49%			B16	182	49%		B16	181	49%		B16	180	49%		B16	178	49%		B16	178	49%	
B08	178	52%			B08	178	52%		B08	176	52%		B08	173	52%		B08	170	52%		B08	170	52%	
B22	152	52%			B22	152	52%		B22	151	52%		B22	147	52%		B22	145	52%		B22	145	52%	
B07	140	57%			B07	140	57%		B07	139	57%		B07	138	57%		B07	137	57%		B07	137	57%	
B12	129	64%			B12	128	64%		B12	127	64%		B12	126	64%		B12	125	64%		B12	125	64%	
B02	122	72%			B02	122	72%		B02	122	72%		B02	119	72%		B02	117	72%		B02	117	72%	
B11	87	73%			B11	87	73%		B11	87	73%		B11	85	73%		B11	84	73%		B11	84	73%	
B06	73	83%			B06	73	83%		B06	73	83%		B06	71	83%		B06	71	83%		B06	71	83%	
B01	58	100%			B01	58	100%		B01	57	100%		B01	56	100%		B01	56	100%		B01	56	100%	

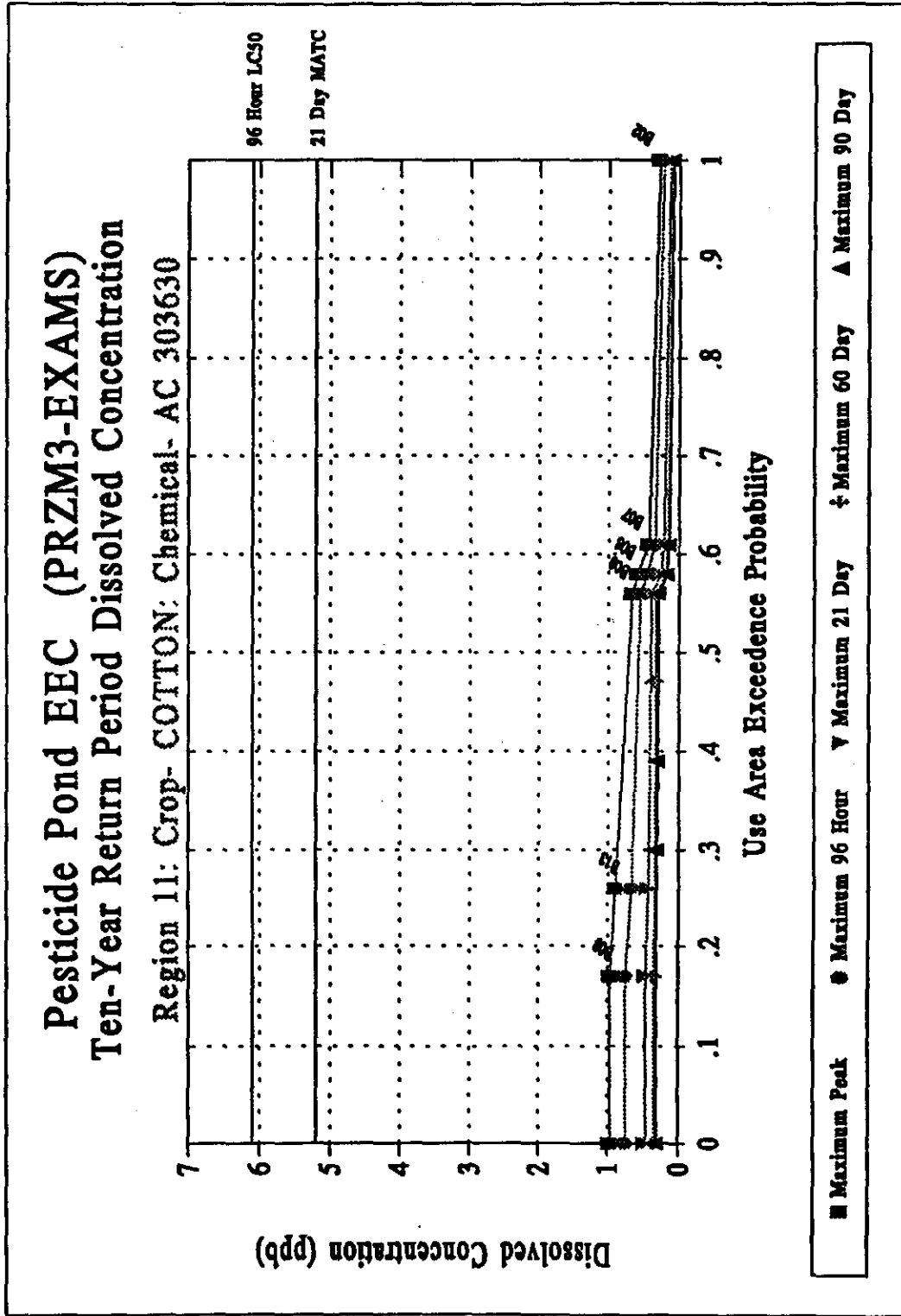
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Figure 12a. Dissolved Concentrations - Region 11



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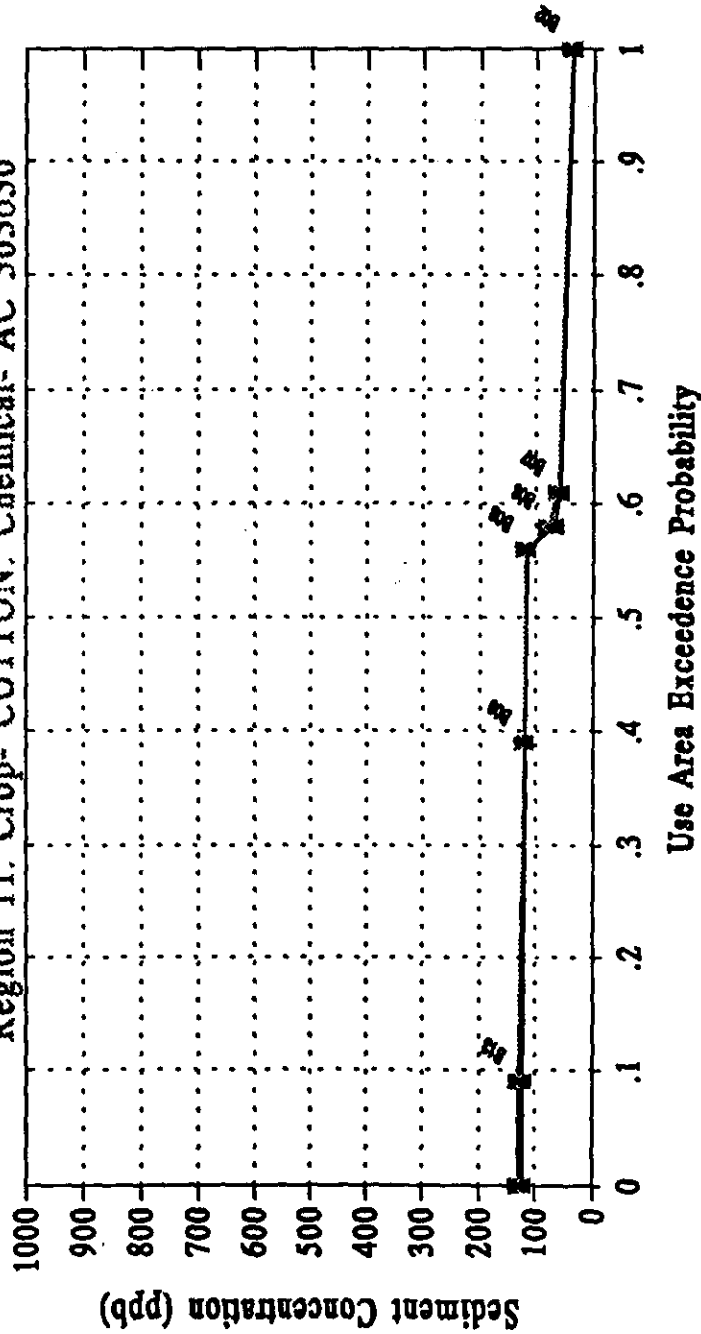
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Figure 12b. Sediment Concentrations - Region 11

Pesticide Pond EEC (PRZM3-EXAMS) Ten-Year Return Period Sediment Concentration

Region 11: Crop- COTTON: Chemical- AC 303630



■ Maximum Peak ● Maximum 96 Hour ▼ Maximum 21 Day † Maximum 60 Day ▲ Maximum 90 Day

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Table 14a. Modeling Results - Region 11

Water						
Bin	Instantaneous		96-Hour	21-Day	60-Day	90-Day
	Conc. (ppb)	Cum. Area				
B08	0.96	17%	0.74	0.45	0.34	0.31
B13	0.90	26%	0.67	0.42	0.33	0.30
B09	0.66	56%	0.54	0.39	0.33	0.29
B06	0.59	58%	0.45	0.26	0.19	0.18
B07	0.42	61%	0.35	0.22	0.17	0.14
B02	0.28	100%	0.23	0.14	0.10	0.09

Table 14b. Modeling Results - Region 11

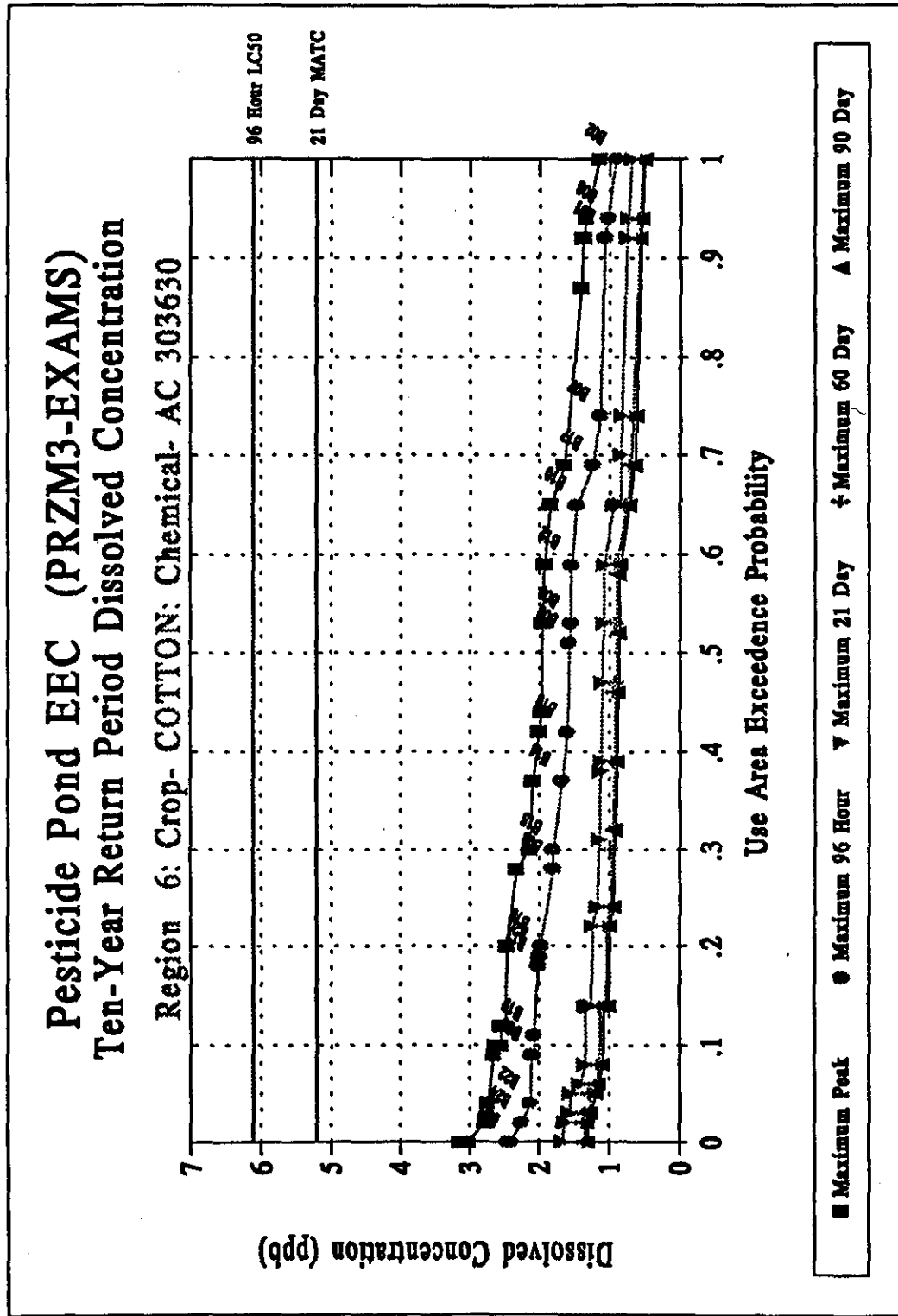
Sediment						
Bin	Instantaneous		96-Hour	21-Day	60-Day	90-Day
	Conc. (ppb)	Cum. Area				
B13	130	9%	129	128	123	121
B09	121	39%	121	121	119	118
B08	119	56%	119	119	117	115
B06	78	58%	78	78	75	65
B07	61	61%	61	60	57	56
B02	38	100%	37	37	35	35

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Figure 13a. Dissolved Concentrations - Region 6 - Aerial Application



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Table 15a. Modeling Results - Region 6 - Early Applications - Aerial Water

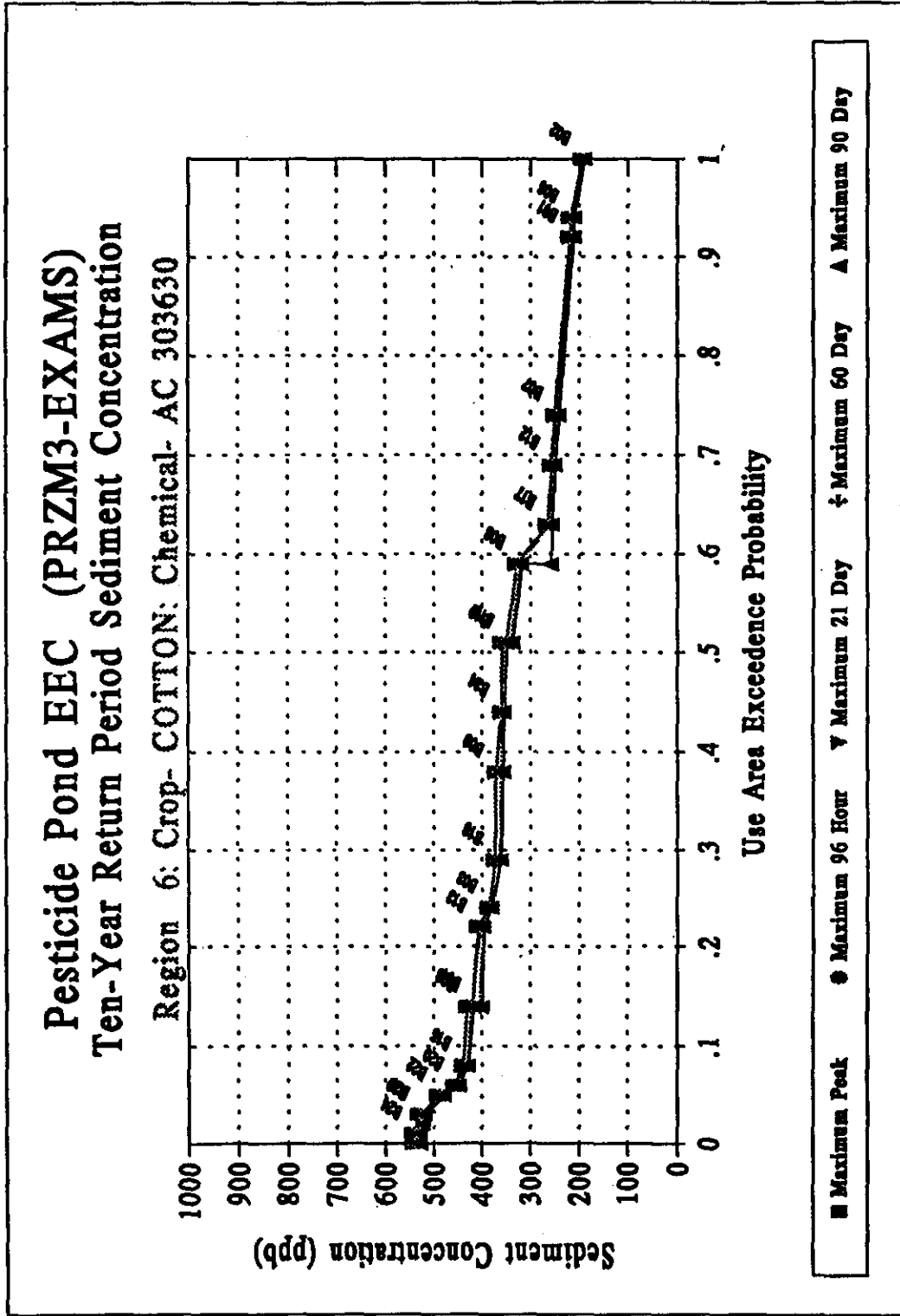
<u>Instantaneous</u>			<u>96-Hour</u>			<u>21-Day</u>			<u>60-Day</u>			<u>90-Day</u>		
Bin	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb)	Cum. Area
B25	3.14	0%	B21	2.44	0%	B25	1.67	0%	B19	1.35	2%	B19	1.31	2%
B21	3.02	0%	B25	2.41	0%	B24	1.63	2%	B24	1.35	3%	B24	1.29	3%
B24	2.78	2%	B24	2.25	2%	B19	1.57	3%	B25	1.29	3%	B25	1.27	3%
B22	2.74	4%	B22	2.12	4%	B22	1.55	5%	B22	1.26	5%	B22	1.19	5%
B23	2.65	9%	B23	2.10	9%	B20	1.42	6%	B20	1.18	6%	B20	1.15	6%
B16	2.63	10%	B04	2.08	9%	B15	1.34	8%	B15	1.14	8%	B15	1.09	8%
B04	2.55	10%	B19	2.07	11%	B23	1.34	14%	B23	1.13	14%	B23	1.08	14%
B19	2.55	12%	B13	2.01	18%	B04	1.29	14%	B04	1.04	14%	B04	1.00	14%
B20	2.48	12%	B20	1.99	19%	B21	1.26	14%	B13	1.03	22%	B13	0.99	22%
B13	2.46	20%	B16	1.97	20%	B13	1.23	22%	B03	0.98	24%	B03	0.94	24%
B08	2.32	28%	B08	1.80	28%	B03	1.18	24%	B14	0.96	30%	B09	0.93	32%
B15	2.13	30%	B15	1.80	30%	B08	1.15	31%	B09	0.93	39%	B21	0.91	32%
B14	2.09	37%	B14	1.68	37%	B14	1.13	38%	B21	0.92	39%	B14	0.89	39%
B18	2.00	42%	B18	1.60	42%	B16	1.12	39%	B08	0.92	46%	B08	0.87	46%
B03	1.97	44%	B09	1.58	51%	B09	1.11	47%	B16	0.90	47%	B18	0.86	52%
B09	1.96	53%	B03	1.56	53%	B18	1.09	53%	B18	0.90	53%	B10	0.85	58%
B12	1.93	59%	B12	1.55	59%	B10	1.08	59%	B10	0.89	59%	B16	0.84	59%
B10	1.84	65%	B10	1.47	65%	B12	0.94	65%	B12	0.75	65%	B12	0.71	65%
B17	1.65	69%	B17	1.24	69%	B11	0.85	65%	B17	0.68	69%	B17	0.65	69%
B01	1.41	87%	B07	1.14	74%	B07	0.83	70%	B07	0.66	74%	B11	0.62	69%
B07	1.39	92%	B01	1.07	92%	B17	0.83	74%	B11	0.66	74%	B07	0.61	74%
B11	1.36	92%	B11	1.06	92%	B01	0.75	92%	B01	0.56	92%	B01	0.54	92%
B06	1.35	94%	B06	1.03	94%	B06	0.74	94%	B06	0.56	94%	B06	0.53	94%
B02	1.15	100%	B02	0.91	100%	B02	0.68	100%	B02	0.52	100%	B02	0.50	100%

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Figure 13b. Sediment Concentrations - Region 6 - Aerial Application



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Table 15b. Modeling Results - Region 6 - Early Applications - Aerial Sediment

<u>Instantaneous</u>			<u>96-Hour</u>			<u>21-Day</u>			<u>60-Day</u>			<u>90-Day</u>		
<u>Bin</u>	<u>Conc. (ppb)</u>	<u>Cum. Area</u>	<u>Bin</u>	<u>Conc. (ppb)</u>	<u>Cum. Area</u>	<u>Bin</u>	<u>Conc. (ppb)</u>	<u>Cum. Area</u>	<u>Bin</u>	<u>Conc. (ppb)</u>	<u>Cum. Area</u>	<u>Bin</u>	<u>Conc. (ppb)</u>	<u>Cum. Area</u>
B24	543	1%	B24	543	1%	B24	534	1%	B24	534	1%	B24	527	1%
B19	532	3%	B19	532	3%	B19	529	3%	B19	523	3%	B25	521	2%
B25	527	3%	B25	527	3%	B25	525	3%	B25	523	3%	B19	518	3%
B22	491	5%	B22	491	5%	B22	488	5%	B22	482	5%	B22	477	5%
B20	457	6%	B20	457	6%	B20	455	6%	B20	452	6%	B20	446	6%
B15	440	8%	B15	440	8%	B15	438	8%	B15	431	8%	B15	428	8%
B23	430	14%	B23	430	14%	B23	428	14%	B23	421	14%	B23	415	14%
B04	420	14%	B04	420	14%	B04	419	14%	B04	406	14%	B04	399	14%
B13	408	22%	B13	407	22%	B13	404	22%	B13	398	22%	B13	396	22%
B03	386	24%	B03	386	24%	B03	384	24%	B03	379	24%	B03	379	24%
B18	374	29%	B18	374	29%	B18	372	29%	B18	364	29%	B18	360	29%
B09	372	38%	B09	372	38%	B09	370	38%	B09	362	38%	B09	356	38%
B10	361	44%	B14	361	44%	B14	360	44%	B14	358	44%	B14	354	44%
B14	361	51%	B21	361	44%	B21	359	44%	B21	352	44%	B10	348	51%
B21	361	51%	B10	360	51%	B10	356	51%	B10	351	51%	B21	348	51%
B16	351	51%	B16	351	51%	B16	349	51%	B16	342	51%	B16	336	51%
B08	329	59%	B08	329	59%	B08	328	59%	B08	321	59%	B08	317	59%
B17	266	63%	B17	266	63%	B17	265	63%	B17	259	63%	B11	256	59%
B11	265	63%	B11	265	63%	B11	263	63%	B11	258	63%	B17	255	63%
B12	257	69%	B12	257	69%	B12	256	69%	B12	250	69%	B12	249	69%
B07	251	74%	B07	250	74%	B07	249	74%	B07	245	74%	B07	241	74%
B01	220	92%	B01	220	92%	B01	219	92%	B01	214	92%	B01	211	92%
B06	219	94%	B06	219	94%	B06	218	94%	B06	213	94%	B06	210	94%
B02	195	100%	B02	195	100%	B02	194	100%	B02	190	100%	B02	189	100%

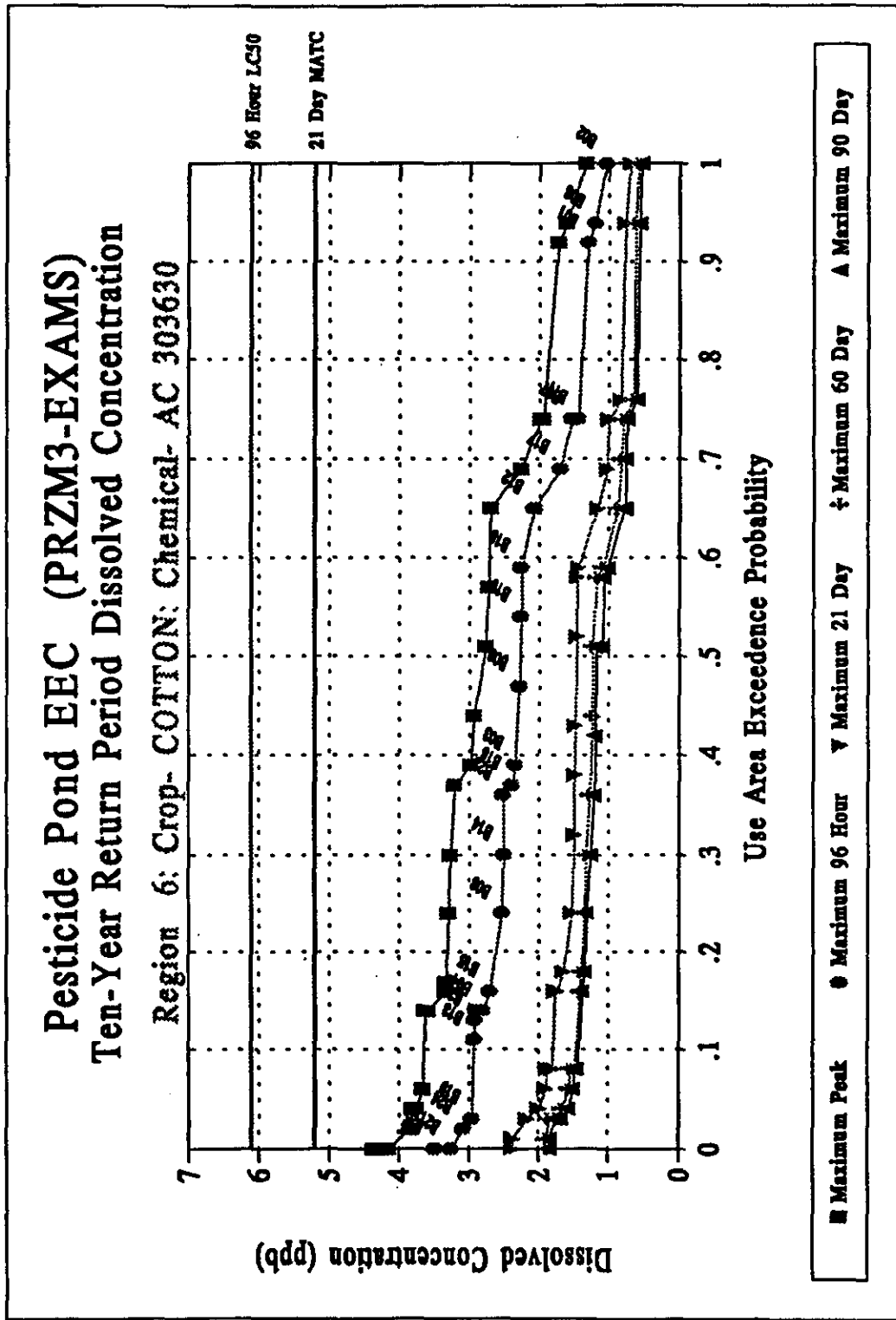
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Figure 14a. Dissolved Concentrations - Region 6 - 1370 Day Soil Half-life



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Table 16a. Modeling Results - Region 6 - Early Applications - Soil Half-life - 1370 Days
Water

<u>Instantaneous</u>			<u>26-Hour</u>			<u>21-Day</u>			<u>60-Day</u>			<u>90-Day</u>		
<u>Bin</u>	<u>Conc. (ppb)</u>	<u>Cum. Area</u>	<u>Bin</u>	<u>Conc. (ppb)</u>	<u>Cum. Area</u>	<u>Bin</u>	<u>Conc. (ppb)</u>	<u>Cum. Area</u>	<u>Bin</u>	<u>Conc. (ppb)</u>	<u>Cum. Area</u>	<u>Bin</u>	<u>Conc. (ppb)</u>	<u>Cum. Area</u>
B21	4.36	0%	B25	3.47	0%	B24	2.36	1%	B24	1.88	1%	B24	1.84	1%
B25	4.14	0%	B21	3.25	0%	B19	2.16	3%	B19	1.87	3%	B19	1.77	3%
B22	3.84	2%	B24	3.07	2%	B25	2.16	3%	B25	1.75	3%	B25	1.69	3%
B24	3.81	4%	B19	2.96	3%	B20	2.00	4%	B20	1.67	4%	B20	1.58	4%
B20	3.75	4%	B13	2.92	11%	B22	1.90	6%	B22	1.57	6%	B22	1.51	6%
B19	3.65	6%	B22	2.92	13%	B15	1.88	8%	B15	1.55	8%	B15	1.49	8%
B13	3.62	14%	B20	2.90	14%	B04	1.81	8%	B04	1.49	8%	B04	1.45	8%
B04	3.58	14%	B04	2.80	14%	B13	1.77	16%	B13	1.41	16%	B13	1.38	16%
B15	3.33	16%	B15	2.69	16%	B21	1.74	16%	B03	1.39	18%	B03	1.34	18%
B16	3.32	17%	B08	2.52	24%	B03	1.65	18%	B23	1.34	24%	B10	1.31	24%
B08	3.29	24%	B14	2.50	30%	B10	1.53	24%	B10	1.33	30%	B23	1.26	30%
B23	3.27	30%	B23	2.50	36%	B08	1.50	32%	B18	1.27	36%	B18	1.20	36%
B14	3.20	37%	B16	2.38	37%	B23	1.50	38%	B09	1.23	44%	B14	1.19	42%
B03	2.98	39%	B03	2.34	39%	B18	1.49	43%	B14	1.23	51%	B09	1.18	51%
B18	2.93	44%	B09	2.28	47%	B09	1.46	52%	B08	1.17	58%	B21	1.08	51%
B10	2.76	51%	B10	2.25	54%	B14	1.46	58%	B21	1.16	58%	B08	1.07	58%
B12	2.72	57%	B18	2.25	59%	B16	1.44	59%	B16	1.08	59%	B16	1.01	59%
B09	2.69	65%	B12	2.07	65%	B12	1.16	65%	B12	0.88	65%	B12	0.78	65%
B17	2.25	69%	B17	1.70	69%	B17	1.02	69%	B07	0.82	70%	B11	0.76	65%
B07	1.98	74%	B07	1.54	74%	B07	1.01	74%	B11	0.81	70%	B07	0.75	70%
B11	1.95	74%	B11	1.45	74%	B11	0.98	74%	B17	0.80	74%	B17	0.74	74%
B01	1.73	92%	B01	1.30	92%	B06	0.82	76%	B06	0.64	76%	B06	0.60	76%
B06	1.62	94%	B06	1.20	94%	B01	0.77	94%	B01	0.63	94%	B01	0.56	94%
B02	1.34	100%	B02	1.03	100%	B02	0.70	100%	B02	0.58	100%	B02	0.54	100%

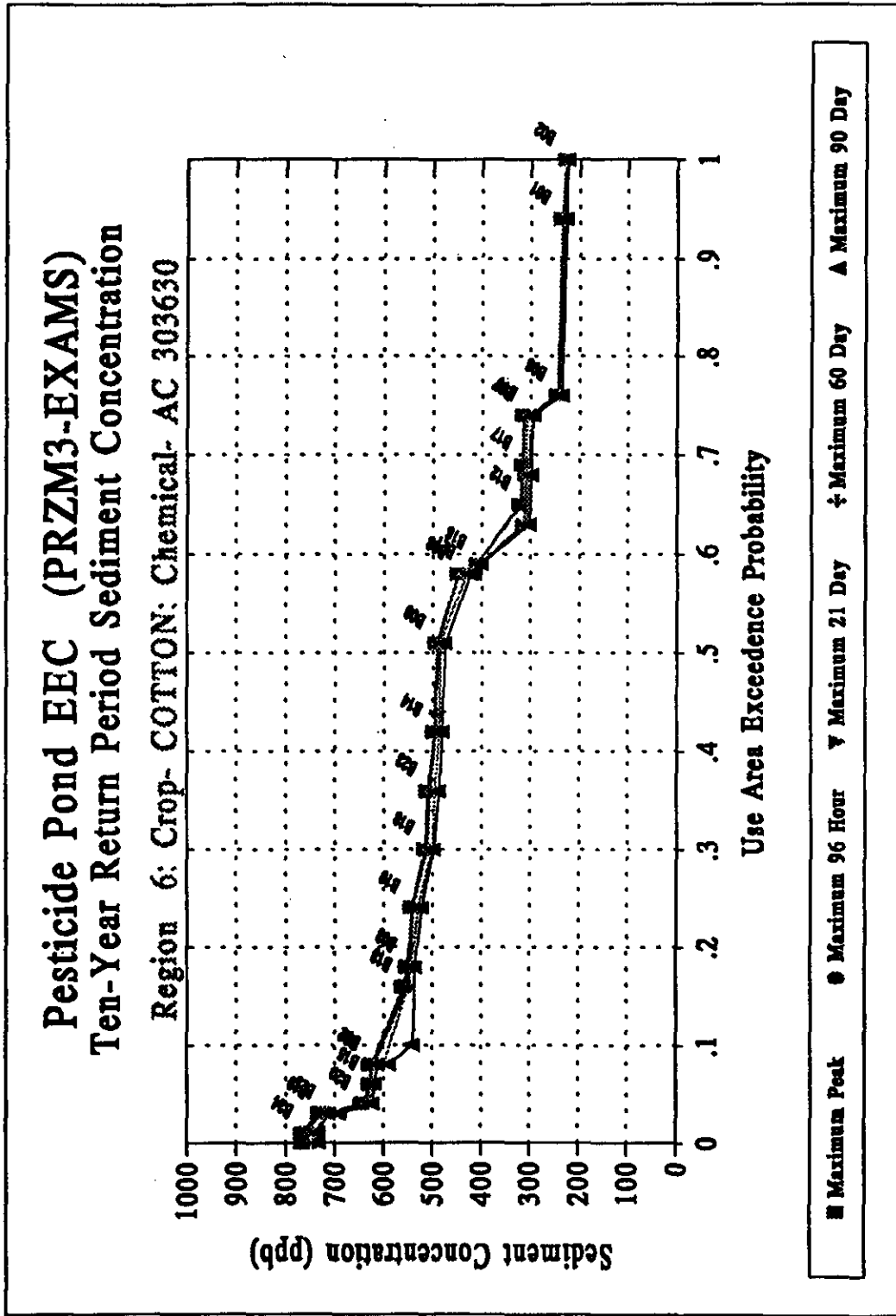
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Figure 14b. Sediment Concentrations - Region 6 - 1370 Day Soil Half-life



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Table 16b. Modeling Results - Region 6 - Early Applications - Soil Half-life - 1370 Days
Sediment

<u>Instantaneous</u>			<u>96-Hour</u>			<u>21-Day</u>			<u>60-Day</u>			<u>90-Day</u>		
Bin	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb)	Cum. Area
B24	765	1%	B24	762	1%	B24	753	1%	B24	738	1%	B24	732	1%
B19	731	3%	B19	731	3%	B19	728	3%	B19	717	3%	B19	712	3%
B25	717	3%	B25	717	3%	B25	713	3%	B25	700	3%	B25	690	3%
B20	644	4%	B20	644	4%	B20	640	4%	B20	632	4%	B20	623	4%
B15	627	6%	B15	627	6%	B15	624	6%	B15	620	6%	B15	619	6%
B22	627	8%	B22	627	8%	B22	624	8%	B22	615	8%	B22	612	8%
B04	624	8%	B04	623	8%	B04	618	8%	B04	600	8%	B04	588	8%
B13	559	16%	B13	559	16%	B13	552	16%	B13	550	16%	B03	539	10%
B03	550	18%	B03	550	18%	B03	547	18%	B03	544	18%	B13	536	18%
B10	542	24%	B10	542	24%	B10	539	24%	B10	530	24%	B10	522	24%
B18	515	30%	B18	514	30%	B18	511	30%	B18	501	30%	B18	498	30%
B23	510	36%	B23	509	36%	B23	505	36%	B23	495	36%	B23	487	36%
B14	497	42%	B14	497	42%	B14	494	42%	B09	486	44%	B14	481	42%
B09	492	51%	B09	492	51%	B09	489	51%	B14	486	51%	B09	475	51%
B08	448	58%	B08	448	58%	B08	447	58%	B08	432	58%	B08	423	58%
B21	432	58%	B21	431	58%	B21	426	58%	B21	417	58%	B21	415	58%
B16	409	59%	B16	409	59%	B16	407	59%	B16	405	59%	B16	401	59%
B12	322	65%	B12	318	65%	B17	313	63%	B17	308	63%	B17	302	63%
B17	316	69%	B17	315	69%	B07	310	68%	B07	304	68%	B07	299	68%
B07	314	74%	B07	313	74%	B12	308	74%	B12	299	74%	B12	295	74%
B11	305	74%	B11	305	74%	B11	305	74%	B11	296	74%	B11	294	74%
B06	245	76%	B06	245	76%	B06	244	76%	B06	240	76%	B06	236	76%
B01	237	94%	B01	237	94%	B01	236	94%	B01	232	94%	B01	228	94%
B02	229	100%	B02	229	100%	B02	229	100%	B02	226	100%	B02	225	100%

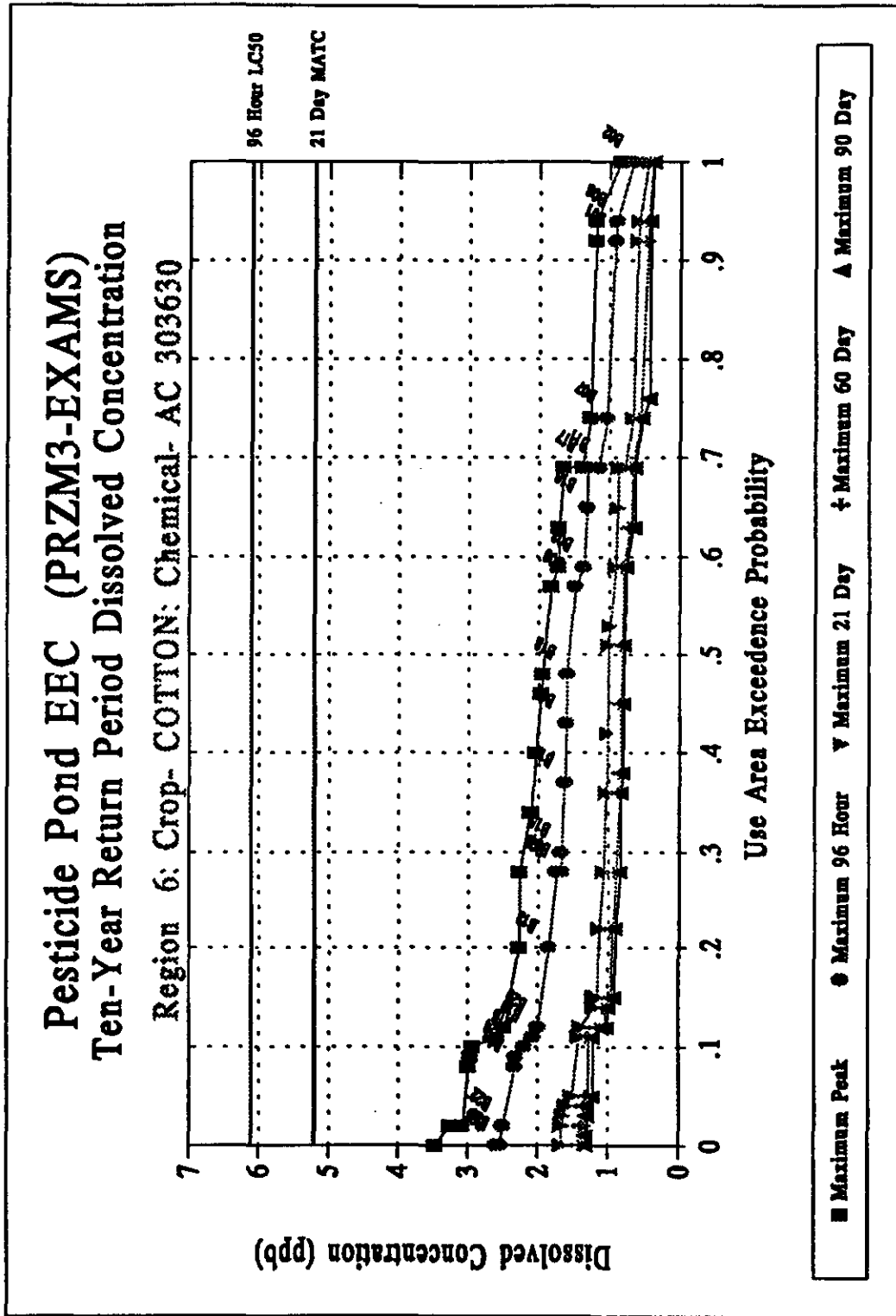
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Figure 15a. Dissolved Concentrations - Region 6 - Soil Desorption Coefficients



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Table 17a. Modeling Results - Region 6 - Early Applications - Soil - Desorption Koc; Pond - Adsorption Koc Water

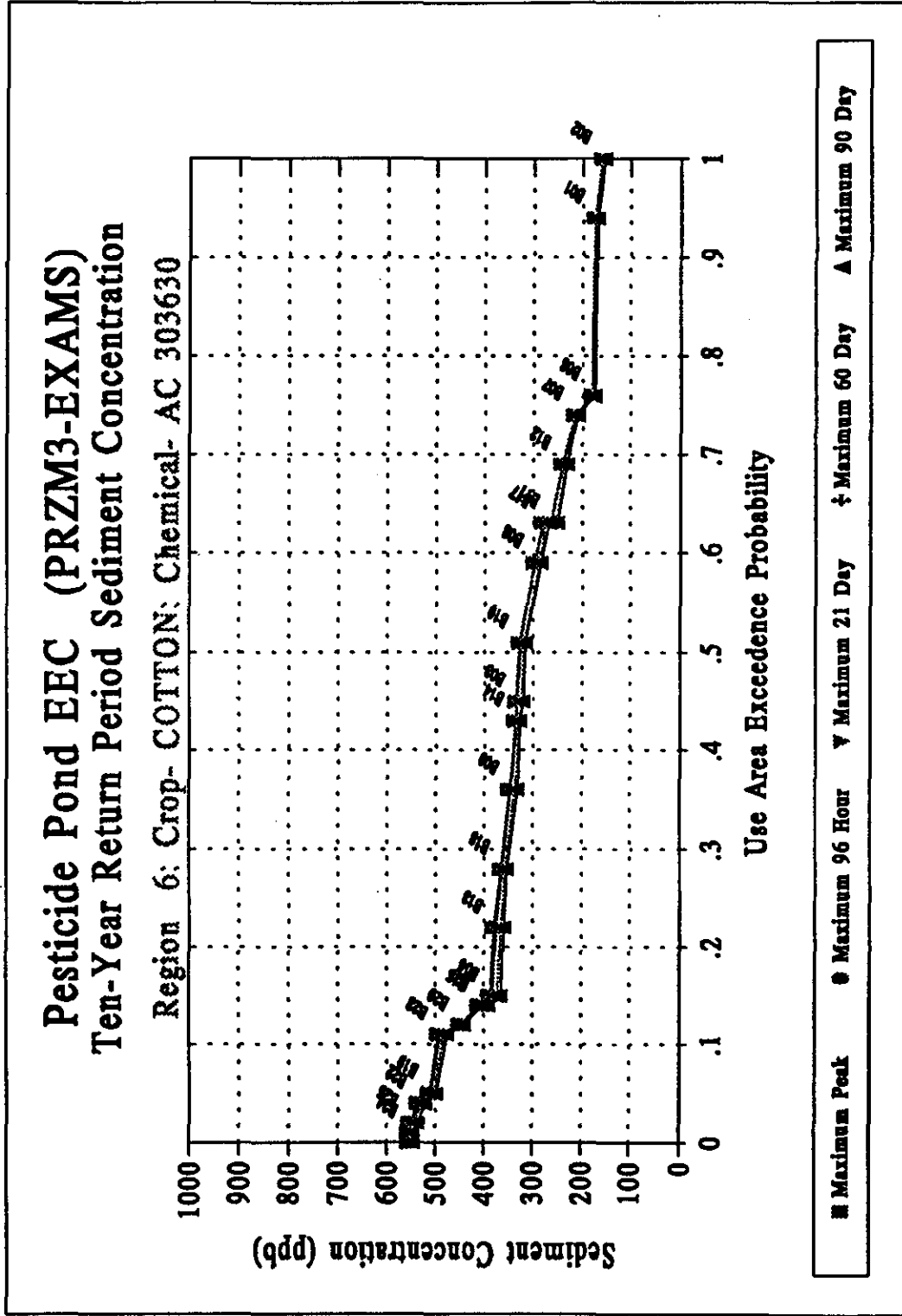
Bin	Instantaneous		96-Hour		21-Day		60-Day		90-Day	
	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb) Area	Bin	Conc. (ppb) Area	Bin	Conc. (ppb) Area	Bin	Conc. (ppb) Area
B21	3.46	0%	B21	2.59 0%	B22	1.66 2%	B22	1.38 2%	B24	1.31 1%
B22	3.25	2%	B25	2.53 0%	B24	1.65 3%	B25	1.35 2%	B22	1.30 3%
B25	3.08	2%	B22	2.50 2%	B25	1.60 4%	B24	1.34 4%	B25	1.30 4%
B23	2.99	8%	B23	2.32 8%	B19	1.52 5%	B19	1.29 5%	B19	1.22 5%
B24	2.96	9%	B24	2.31 9%	B23	1.42 11%	B23	1.28 11%	B23	1.21 11%
B16	2.93	10%	B16	2.19 10%	B21	1.40 11%	B20	1.13 12%	B20	1.08 12%
B19	2.57	11%	B19	2.06 11%	B20	1.39 12%	B21	1.04 12%	B21	1.01 12%
B20	2.47	12%	B20	1.99 12%	B15	1.20 14%	B15	1.03 14%	B15	0.99 14%
B08	2.27	20%	B13	1.85 20%	B16	1.20 15%	B16	0.95 15%	B16	0.91 15%
B13	2.26	28%	B08	1.74 28%	B04	1.15 15%	B13	0.95 22%	B04	0.90 15%
B14	2.11	34%	B04	1.67 28%	B13	1.13 22%	B04	0.93 22%	B13	0.90 22%
B04	2.09	34%	B15	1.67 30%	B18	1.07 28%	B18	0.89 28%	B18	0.83 28%
B12	2.04	40%	B14	1.63 37%	B08	1.03 36%	B09	0.84 36%	B09	0.81 36%
B18	1.96	46%	B12	1.61 43%	B14	1.02 42%	B03	0.83 38%	B03	0.80 38%
B15	1.94	48%	B18	1.60 48%	B09	1.00 51%	B14	0.82 45%	B14	0.79 45%
B09	1.83	57%	B09	1.49 57%	B03	0.98 53%	B10	0.79 51%	B10	0.78 51%
B03	1.73	59%	B03	1.37 59%	B12	0.91 59%	B08	0.79 59%	B08	0.75 59%
B17	1.72	63%	B10	1.32 65%	B10	0.88 65%	B17	0.70 63%	B17	0.66 63%
B10	1.65	69%	B17	1.31 69%	B17	0.86 69%	B11	0.68 63%	B11	0.63 63%
B11	1.38	69%	B11	1.14 69%	B11	0.77 69%	B12	0.66 69%	B12	0.62 69%
B07	1.28	74%	B07	1.04 74%	B07	0.67 74%	B07	0.55 74%	B07	0.53 74%
B01	1.20	92%	B01	0.92 92%	B01	0.60 92%	B01	0.45 92%	B06	0.43 76%
B06	1.20	94%	B06	0.90 94%	B06	0.58 94%	B06	0.45 94%	B01	0.42 94%
B02	0.84	100%	B02	0.66 100%	B02	0.45 100%	B02	0.39 100%	B02	0.37 100%

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Figure 15b. Sediment Concentrations - Region 6 - Soil Desorption Coefficients



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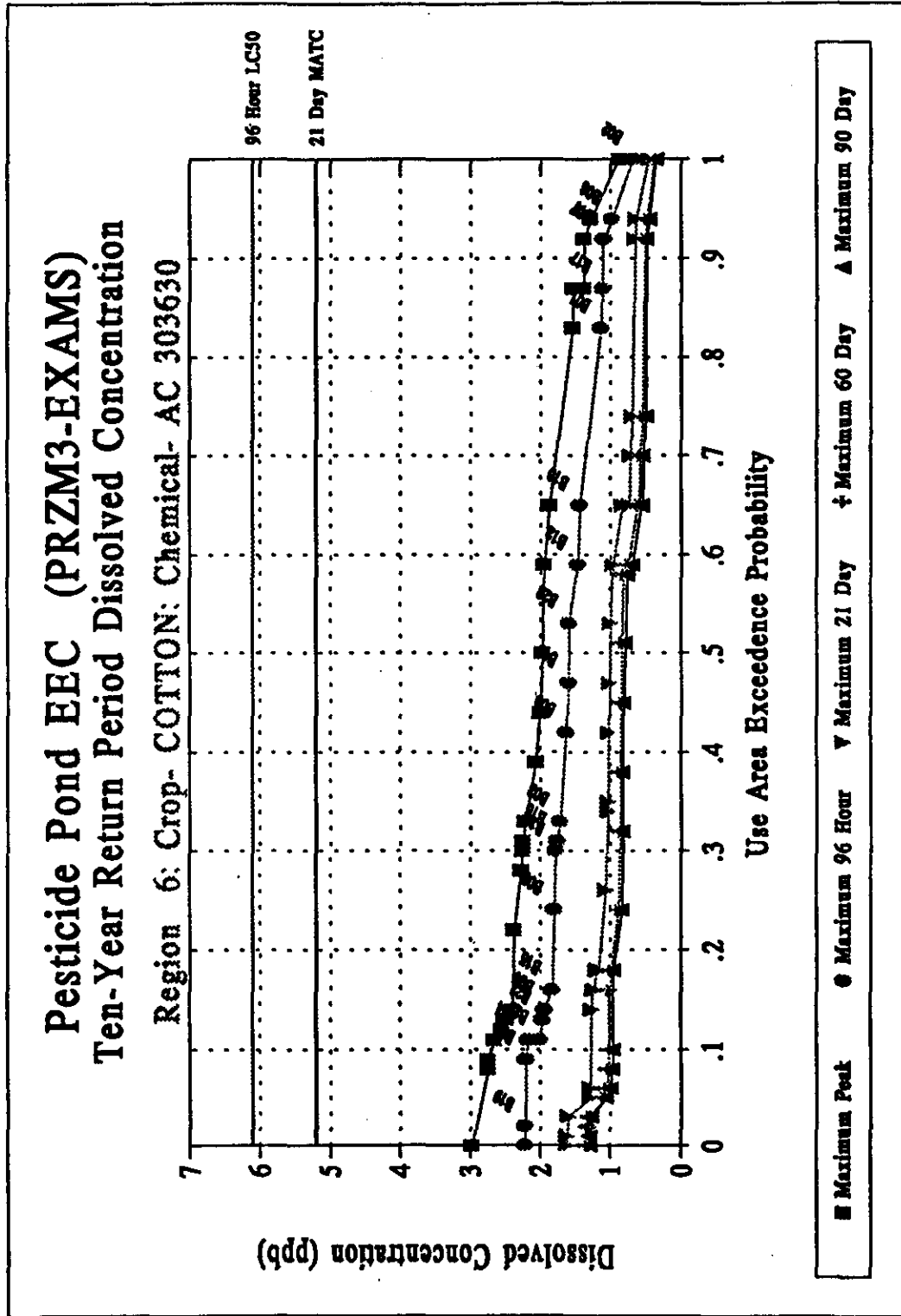
Table 17b. Modeling Results - Region 6 - Early Applications - Soil - Desorption Koc; Pond - Adsorption Koc
Sediment

<u>Instantaneous</u>			<u>96-Hour</u>			<u>21-Day</u>			<u>60-Day</u>			<u>90-Day</u>		
Bin	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb)	Cum. Area
B24	555	1%	B24	554	1%	B24	552	1%	B25	547	0%	B24	545	1%
B25	553	2%	B25	553	2%	B25	551	2%	B24	546	2%	B25	537	2%
B22	536	4%	B22	535	4%	B22	533	4%	B22	527	4%	B22	521	4%
B19	512	5%	B19	512	5%	B19	510	5%	B19	503	5%	B19	499	5%
B23	493	11%	B23	492	11%	B23	490	11%	B23	483	11%	B23	476	11%
B20	449	12%	B20	449	12%	B20	446	12%	B20	443	12%	B20	441	12%
B15	410	14%	B15	410	14%	B15	407	14%	B15	405	14%	B15	403	14%
B21	406	14%	B21	405	14%	B21	400	14%	B21	393	14%	B21	391	14%
B16	388	15%	B16	388	15%	B16	386	15%	B16	379	15%	B16	373	15%
B04	386	15%	B04	385	15%	B04	382	15%	B04	372	15%	B04	365	15%
B13	380	22%	B13	379	22%	B13	375	22%	B13	366	22%	B13	359	22%
B18	365	28%	B18	364	28%	B18	363	28%	B18	357	28%	B18	353	28%
B09	347	36%	B09	347	36%	B09	345	36%	B09	337	36%	B09	331	36%
B14	336	43%	B14	336	43%	B14	334	43%	B14	329	43%	B14	327	43%
B03	335	45%	B03	334	45%	B03	332	45%	B03	325	45%	B03	320	45%
B10	327	51%	B10	327	51%	B10	325	51%	B10	319	51%	B10	315	51%
B08	298	59%	B08	298	59%	B08	298	59%	B08	288	59%	B08	285	59%
B17	282	63%	B17	282	63%	B17	279	63%	B17	275	63%	B17	268	63%
B11	265	63%	B11	265	63%	B11	264	63%	B11	254	63%	B11	251	63%
B12	241	69%	B12	241	69%	B12	240	69%	B12	234	69%	B12	231	69%
B07	217	74%	B07	217	74%	B07	216	74%	B07	214	74%	B07	210	74%
B06	181	76%	B06	181	76%	B06	180	76%	B06	176	76%	B06	174	76%
B01	175	94%	B01	175	94%	B01	174	94%	B01	171	94%	B01	168	94%
B02	160	100%	B02	160	100%	B02	159	100%	B02	156	100%	B02	153	100%

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CONFIDENTIAL Figure 16a. Dissolved Concentrations - Region 6 - 50% Sediment Reduction Due to Buffer Strips



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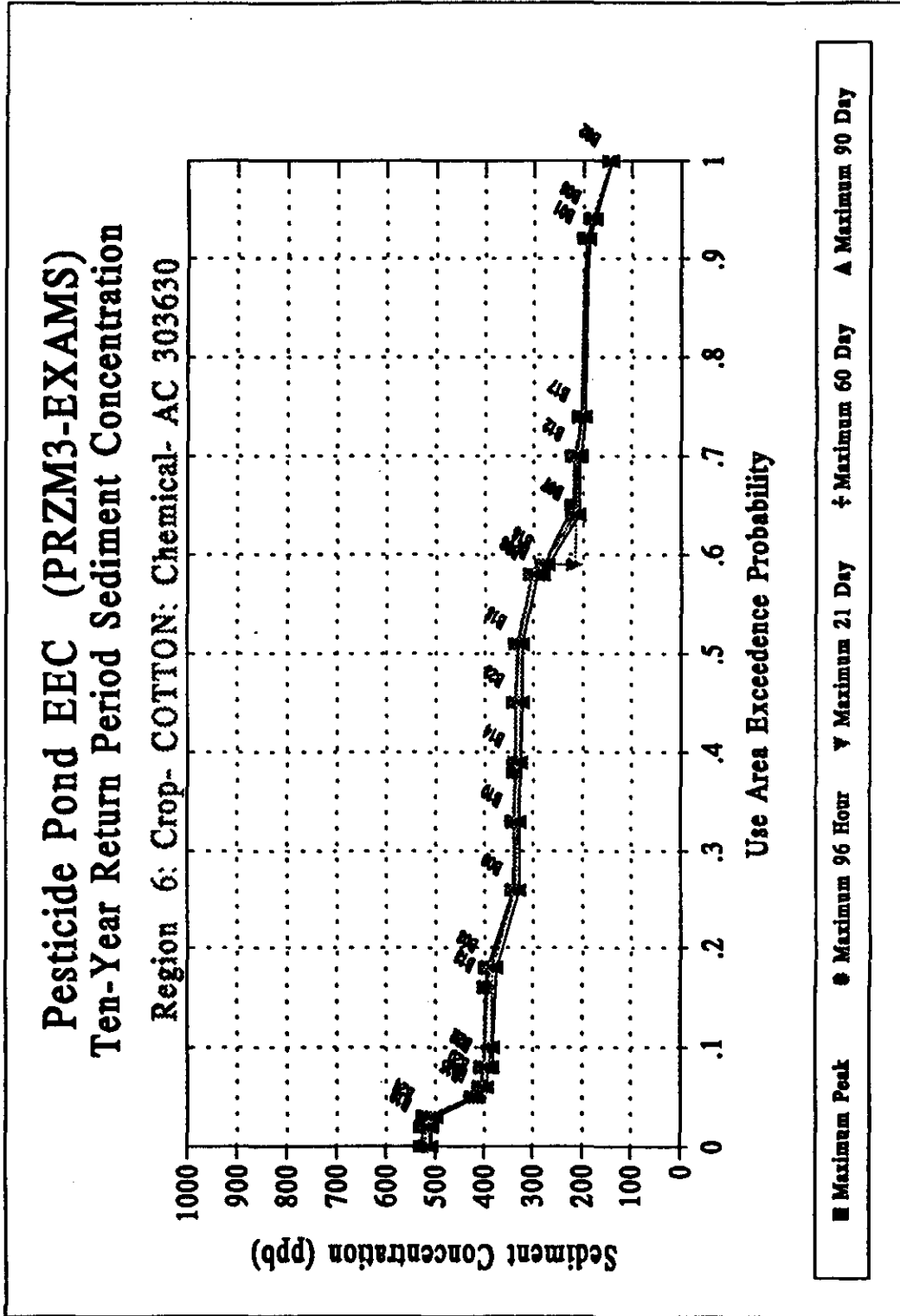
Table 18a. Modeling Results - Region 6 - Early Applications - Vegetative Buffer Water

Instantaneous			96-Hour			21-Day			60-Day			90-Day		
Bin	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb)	Cum. Area	Bin	Conc. (ppb)	Cum. Area
B21	2.97	0%	B19	2.21	2%	B24	1.62	1%	B19	1.32	2%	B24	1.28	1%
B13	2.74	8%	B13	2.20	9%	B19	1.60	3%	B24	1.29	3%	B19	1.27	3%
B19	2.74	9%	B21	2.19	9%	B15	1.29	5%	B15	1.09	5%	B15	1.05	5%
B24	2.65	11%	B24	2.17	11%	B20	1.29	6%	B20	1.05	6%	B20	0.99	6%
B22	2.55	12%	B25	2.00	11%	B13	1.26	14%	B22	1.02	8%	B25	0.99	6%
B20	2.51	13%	B22	1.96	13%	B22	1.25	16%	B13	1.01	16%	B22	0.98	8%
B04	2.47	13%	B20	1.94	14%	B25	1.24	16%	B25	1.01	16%	B04	0.96	8%
B25	2.39	14%	B04	1.93	14%	B04	1.23	16%	B04	1.00	16%	B03	0.96	10%
B08	2.37	22%	B15	1.83	16%	B03	1.20	18%	B03	0.99	18%	B13	0.96	18%
B14	2.26	28%	B08	1.80	24%	B21	1.16	18%	B23	0.88	24%	B23	0.83	24%
B15	2.25	30%	B14	1.78	30%	B08	1.06	26%	B09	0.86	32%	B09	0.82	32%
B16	2.25	31%	B16	1.76	31%	B09	1.03	34%	B10	0.85	38%	B10	0.82	38%
B03	2.21	33%	B03	1.72	33%	B16	1.03	35%	B14	0.84	45%	B14	0.81	45%
B23	2.06	39%	B09	1.63	42%	B14	1.02	42%	B18	0.84	51%	B18	0.78	51%
B18	2.00	44%	B18	1.60	47%	B23	1.01	47%	B08	0.81	58%	B08	0.75	58%
B12	1.97	50%	B23	1.59	53%	B18	1.00	53%	B21	0.81	58%	B21	0.74	58%
B09	1.95	59%	B12	1.47	59%	B10	0.97	59%	B16	0.75	59%	B16	0.69	59%
B10	1.87	65%	B10	1.44	65%	B12	0.83	65%	B12	0.61	65%	B12	0.55	65%
B01	1.54	83%	B01	1.13	83%	B11	0.72	65%	B11	0.58	65%	B11	0.54	65%
B17	1.54	87%	B17	1.12	87%	B07	0.71	70%	B07	0.57	70%	B07	0.53	70%
B11	1.39	87%	B07	1.11	92%	B17	0.69	74%	B17	0.54	74%	B17	0.49	74%
B07	1.38	92%	B11	1.08	92%	B01	0.64	92%	B01	0.51	92%	B01	0.48	92%
B06	1.28	94%	B06	0.97	94%	B06	0.62	94%	B06	0.47	94%	B06	0.44	94%
B02	0.87	100%	B02	0.67	100%	B02	0.45	100%	B02	0.37	100%	B02	0.35	100%

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Table 18b. Modeling Results - Region 6 - Early Applications - Vegetative Buffer Sediment

<u>Instantaneous</u>			<u>96-Hour</u>			<u>21-Day</u>			<u>60-Day</u>			<u>90-Day</u>		
<u>Bin</u>	<u>Conc. (ppb)</u>	<u>Cum. Area</u>	<u>Bin</u>	<u>Conc. (ppb)</u>	<u>Cum. Area</u>	<u>Bin</u>	<u>Conc. (ppb)</u>	<u>Cum. Area</u>	<u>Bin</u>	<u>Conc. (ppb)</u>	<u>Cum. Area</u>	<u>Bin</u>	<u>Conc. (ppb)</u>	<u>Cum. Area</u>
B19	526	2%	B19	520	2%	B19	512	2%	B19	508	2%	B19	508	2%
B24	522	3%	B24	514	3%	B24	503	3%	B24	499	3%	B24	499	3%
B15	424	5%	B15	422	5%	B15	419	5%	B15	418	5%	B15	418	5%
B04	413	5%	B04	409	5%	B20	399	6%	B20	395	6%	B20	395	6%
B20	408	6%	B20	406	6%	B04	396	6%	B22	393	8%	B22	393	8%
B22	404	8%	B22	402	8%	B22	395	8%	B25	387	8%	B25	387	8%
B25	402	8%	B25	400	8%	B25	392	8%	B04	383	8%	B04	383	8%
B13	397	16%	B13	393	16%	B03	386	10%	B03	382	10%	B03	382	10%
B03	395	18%	B03	389	18%	B13	383	18%	B13	375	18%	B13	375	18%
B09	341	26%	B09	339	26%	B09	337	26%	B09	329	26%	B09	329	26%
B10	340	33%	B10	338	33%	B10	332	33%	B10	328	33%	B10	328	33%
B23	338	38%	B14	335	39%	B14	329	39%	B14	326	39%	B14	326	39%
B14	337	45%	B23	335	45%	B23	328	45%	B18	322	45%	B18	322	45%
B18	333	51%	B18	330	51%	B18	324	51%	B23	322	51%	B23	322	51%
B08	304	58%	B08	303	58%	B08	295	58%	B08	292	58%	B08	292	58%
B21	287	58%	B21	286	58%	B21	281	58%	B21	281	58%	B21	281	58%
B16	280	59%	B16	278	59%	B16	271	59%	B16	271	59%	B16	271	59%
B12	220	65%	B07	218	64%	B07	211	64%	B07	208	64%	B07	208	64%
B07	219	70%	B11	217	64%	B12	210	70%	B12	207	70%	B12	207	70%
B11	217	70%	B12	217	70%	B11	205	70%	B11	204	70%	B11	204	70%
B17	206	74%	B17	206	74%	B17	199	74%	B17	197	74%	B17	197	74%
B01	196	92%	B01	196	92%	B01	191	92%	B01	189	92%	B01	189	92%
B06	183	94%	B06	183	94%	B06	179	94%	B06	176	94%	B06	176	94%
B02	144	100%	B02	144	100%	B02	142	100%	B02	141	100%	B02	141	100%

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