

**Tables of Responses to OTA Survey of
Actual and Potential State-Level Model Use**

OTA surveyed State agency employees in June, 1980 to determine their current use of models and their perceptions of potential model use; data from Part I of this survey are tabulated in the following pages. The respondents were asked to indicate their use of models in 33 water resource issue areas (left-hand column) for three categories of use (across the top of the tables): A) operations and management, B) planning and policy, and C) other. In these tables, the letter 'X' represents some model use, and 'O' indicates extensive model use. The fourth category at the top of the tables, labelled 'N', reports instances in which State agency personnel specifically indicated that models are not used, or that no potential for model use exists.

		<u>ALABAMA</u>				<u>ALASKA</u>				<u>ARIZONA</u>			
		<u>Exist ing</u>				<u>Potential</u>				<u>Existing</u>			
		<u>A</u>	<u>B</u>	<u>C</u>	<u>N</u>	<u>A</u>	<u>B</u>	<u>C</u>	<u>N</u>	<u>A</u>	<u>B</u>	<u>C</u>	<u>N</u>
1.	Flood Forecast.					X X X				X		X	X
2.	Drought/L.Flow					x x x				x x		x	x x
3.	Streamflow Reg. X X					x x				x		x	x x
4.	Instream Flow	x x				x x				x x		x	x
5.	Dem. Water S.					x	x x x			x x		x	x
6.	1rr. Agri.					x	x x x					x	
7.	Offatream Use					x	x x x			x x		x	x
8.	W. Use Effic.					x	x x x			x		x	x
9.	Urban Runoff					x	x x x			x x		x	x
10.	Erosion/Seal.					x	x x x			x x		x	x
11.	Salinity					x	x x x					x	x
12.	Agrlc. Runoff					x	x x x			x x		x	x
13.	Airborne Poll.					x		x		x x		x	x
14.	Waste L. Alloc.	O o x				O o x				x x		x	x
15.	Thermal Poll.					x	x x					x	x
16.	Toxic Materials					x	x x			x x		x	x
17.	Drink.Water Qual.					x		x		x x		x	x
18.	W.Q. Impacts					x	x x			x x		x	x
19.	G.W. Supplie8					x	x x			x x		x	x x
20.	Conjunct. Use					x		x		x x		o	x x
21.	Accid. Contain.					x	x x x			x x		x	x
22.	Ag. Poll.-gow.					x	x x x			x x		x	x x
23.	W. Disposal-g.w.					X	X X X			X X		X	X X
24.	Salt W. Intrus.					x	x x x			x x		x	x
25.	Water Pricing					x		x	“			x	x
26.	Costs/Poll.Con.					x		x				x	x
27.	Benefit/Cost					x		x				x	x
28.	Dev. Implcst.					X		X				X	X
29.	Forecast. Use					x	x x x					x	x
30.	Social Imp .					X		X				X	X
31.	Risk/Benefit					x		x				x	x
32.	Comp. W. Use					x	x x x					x	x
33.	Unified R.B.M.	x x				x x x						x	x

	ARKANSAS				CALIFORNIA				CDLORADO			
	Exist ing		Potential		Existing		Potential		Existing		Potential	
	A	B	C	N	A	B	C	N	A	B	C	N
10 Flood Forecast.					x	x			O	x	x	
2. Drought/L.Flow					x	x	x				x	
3. Streamflow Reg.					0	0			0	0		
4. Instream Flow					0	x			0	0		
5. Dem. Water S.					0	0			x	x		
60 Irr. Agri.					0	0			x	x		
7. Offstream Use						x	x	x		x		x
8e W. Use Efflc.					0	0			x	x		
9. Urban Runoff						x	x	x		x		x
10. Erosion/Seal.	x	x			x	x				x		x
11. Salinity					x				X	o	x	
12. Agric. Runoff					x		x	x		x		x
13. Airborne Poll.						x			x		x	
14. Waste L. Alloc. XX					x		x	x	x		x	
15. Thermal Poll.					x	x				x		x
16. Toxic Materials					x		x	x		x		x
17. Drink.Water Qual.					x	x			x	x	x	
18. W.Q. Impacts					x	x			x	x	x	
19. G.W. Supplies					x	x	x		x	x	x	
20. Conjunct. Use					x	x	x		x	x	x	
21. Accid. Contain.					x		x	x		x		x
22. Ag. Poll.-g.w.					x		x	x	x		x	
23. W. Disposal-g.w.					x	x			x	x		x
24. Salt W. Intrus.					x	x			x	x	x	
25. Water Pricing					x		x	x		x		x
26. Costs/Poll.Con.						x			x		x	
27. Benefit/Cost					x		x	x		x		x
28. Dev. Implicat.					x		x			x		x
29. Forecast. Use					x	x			x		x	
30. Social Imp.					x				x		x	
31. Risk/Benefit						x	x	x		x		x
32. Comp. W. Use					x	x			x	x		x
33. Unified R.B.M.					x	x			0	0		x

		<u>CONNECTICUT</u>				<u>DELAWARE</u>				<u>FLORIDA</u>			
		<u>Existing</u>		<u>Potential</u>		<u>Exist ing</u>		<u>Potential</u>		<u>Existing</u>		<u>Potential</u>	
		<u>A</u>	<u>B</u>	<u>C</u>	<u>N</u>	<u>A</u>	<u>B</u>	<u>C</u>	<u>N</u>	<u>A</u>	<u>B</u>	<u>C</u>	<u>N</u>
10	Flood Forecast.	XX				XX							
2.	Drought/L.Flow			X		X	O			X	X	X	
3.	Streamflow Reg.	X				x	x			0	0		
4.	Instream Flow		x			x	x			x			
5*	Dem. Water S.		X			XX				X	X		
6.	Irr. Agri.			X		X				X			
7.	Offstream Use		x			x	x				x		
8e	W. Use Effic.		x			x	x						
9.	Urban Runoff		x			x	x	x		x	x		
10.	Erosion/Seal.		X			XX	X						
11.	Salinity		o			x							
12.	Agric. Runoff		x			x	x	x					
13.	Airborne Poll.		x	x		x	x	x		x			
14.	Waste L. Alloc.		O	o	x	O	X						
15.	Thermal Poll.		X			X	O						
16.	Toxic Materials		x			X	O	X					
17.	Drink.Water Qual.	X				x	x	x		x			
18.	W.Q. Impacts		x	x		X	o	x					
19.	G.W. Supplies		x			O	o	x		x	x		
20.	Conjunct. Use		x			O	o	x		x	x		
21.	Accid. Contain.		x	x		x	x	x					
22.	Ag. Poll.-g.w.		x			x							
23.	W. Disposal-g.w.	X				x	x	x		x			
24.	Salt W. Intros.		x			x				x	x		
25.	Water Pricing		x			x	x	x					
26.	Costs/Poll. CO.		X			XX							
27.	Benefit/Cost		X			XX	X						
28.	Dev. Imple=t.		X			XX				X			
29.	Forecast. Use		x			x	x						
30.	Social Imp.		x			x	x						
31.	Risk/Benefit		X			XX							
32.	Comp. W. Use		x			x	x	x					
33.	Unflfed R.B.M.		x			x	x	x					

	<u>GEORGIA</u>				<u>HAWAII</u>				<u>IDAHO</u>			
	Existing		Potential		Existing		Potential		Existing		Potential	
	A	B	C	N	A	B	C	N	A	B	C	N
1. Flood Forecast.		x				x	x	x		x		x
2. Drought/L.Flow		x				x	x	x		x		x
3. Streamflow Reg.		x	x			x	x	x		x		x
4. Instream Flow		x				x	x	x		x		x
5. Dem. Water S.		x	x			x	x			x	x	x
60 Irr. Agri.		x				x	x			x		x
7. Offstream Use		x					x			x	x	x
8. W. Use Effic.		x				x	x	x		x	x	x
9. Urban Runoff		x	x				x	x		x	x	x
10. Erosion/Seal.		x				x	x	x		x	x	x
11. Salinity		x				x	x	x		x	x	x
12. Agric. Runoff		x				x	x	x		x	x	x
13. Airborne Poll.		x					x	x	0	0	0	0
14. WasteL. Alloc.	0	0	0				x	x	x	0	x	x
15. Thermal Poll.		x				x	x		x		x	x
16. Toxic Materials		x				x	x	x	x	x		x
17. Drink.Water Qual.		x					x	x	x		x	x
18. WeQ. Impacts		x	x				x	x	x	x		x
19. G.w. Supplies	0					x	x	x		x		x
20. Conjunct. Use		x				x	x	x	x		x	
21. Accid. Contain.		x				x	x	x	x		x	x
22. Age Poll.-g.w.		x				x	x	x	x		x	x
23. W. Msposal-g.w.		x				x	x	x	x		x	x
24. Salt W. Intrus.		x				x	x	x	x		x	
25. Water Pricimz		x				x	x	x		x		x
26. Costs/Poll.Con.		x				x	x	x	x		x	x
27. Benefit/Cost		x	x			x	x	x		x	x	x
28. Dev. Im~licat.		x				x		x		x		x
29. Forecast. Use		x				x	x			x	x	x
30. Social Imp.		x				x		x		x	x	x
31. Risk/Benefit		x				x	x	x	x		x	x
32. Comp. W. Use		x				x	x	x	x		x	x
33. Unified R.B.M.	0	0	0	0		x	x	x		x	x	x

	<u>ILLINOIS</u>				<u>INDIANA</u>				<u>IOWA</u>			
	Existing		Potential		Existing		Potential		Existing		Potential	
	A	B	C	N	A	B	C	N	A	B	C	N
1. Flood Forecast.	X	X			x	x			O	o	x	
2. Drought /L. Flow		x	x	x		x	x	x		x		x
3. Streamflow Reg.	XX				x					x	x	x
4. Inatream Flow		x				x				x		x
5. Dem. Water S.		x	x	x		x				x		x
6. Irr. Agri.			x			x				x		x
7. Offstream Use			x			x				x		x
8. W. Use Effic.		x		x		x				x		x
9. Urban Runoff			x			x				x		x
10. Erosion/Seal.			x			x				x		x
11. Salinity			x			x				x		x
12. Agric. Runoff			x			x				x		
13. Airborne Poll.			x			x				x		
14. WasteL. Alloc.	X				0	0				o	x	
15. Thermal Poll.			x			x				x		
16. Toxic Materials			x			x				x		
17. Drink.Water Qual.			x			x				x		
18. W.Q. Impacts			x			x				x		
19. G.W. Supplies		x	x			x				x	x	
20. Conjunct. Use		x				x				x		x
21. Accid. Contain.			x			x				x		x
22. Ag. Poll.-g.w.			x			x				x		x
23. W. Disposal-g.w.			x			x				x		x
24. Salt W. Intrus.	X					x				x		x
25. Water Pricing		x				x				x		x
26. Costs/Poll.Con.			x			x				x		
27. Benefit/Cost		x	x			x				x		
28. Dev. Implicat.			x			x				x		x
29. Forecast. Use		x	x			x				x		x
30. Social Imp.			x			x				x		
31. Risk/Benefit			x			x				x		
32. Comp. W. Use			x			x				x		x
33. Unified R.B.M.			x			x				x		x

	<u>KANSAS</u>				<u>KENTUCKY</u>				<u>LOUISIANA</u>			
	<u>Existing</u>		<u>Potent ial</u>		<u>Existing</u>		<u>Potent ial</u>		<u>Existing</u>		<u>Potential</u>	
	<u>A</u>	<u>B</u>	<u>C</u>	<u>N</u>	<u>A</u>	<u>B</u>	<u>C</u>	<u>N</u>	<u>A</u>	<u>B</u>	<u>C</u>	<u>N</u>
1. Flood Forecast.			x			x				o	x	
2. Drought/L.Flow	x	x	x			x	x				x	x
3. Streamflow Reg. X X						X				0		0
4. Instream Flow		x				x	x	x			x	x
5. Dem. Water S.	x	x	x			x	x	x	x		x	x
6- Irr. Agri.	x	x	x			x		x			x	x
7. Offstream Use	x	x	x			x	x	x	x		x	x
8. W. Use Effic.	x	x	x			x		x			x	x
9. Urban Runoff		x				x		x			x	x
10. Erosion/Seal.		x				x	x	x		0	0	0
11. Salinity		x				x	x	x			x	x
12. Agric. Runoff	x					X	X	X	X		X	X
13. Airborne Poll.		x				x	x				x	x
14. WasteL. Alloc. X			x	x		x	x			o	x	
15. Thermal Poll.		x	x			x	x	x		x		x
16. Toxic Materials		x				x	0	0	0		x	x
17. Drink.Water Qual.		x				x	0	0	0		x	x
18. W.Q. Impacts		x				x	x			0	0	0
19. G.W. Supplies	x	x	x			x	x	x		0	0	0
20. Conjunct. Use	x	x	x			x	x	x	x		0	0
21. Accid. Contain.		x				x	x	x	x		x	x
22. Ago Poll.-g.w.		x				x	x	x			x	x
23. W. Disposal-g.w.		x				x	x	x	x		x	x
24. Salt W. Intrus.		X				X		X			X	X
25. Water Pricing		X	X	X		X		X			X	X
26. Costs/Poll.Con.		X				X	X	X	X		X	X
27. Benefit/Cost		X	X	X		X		X			X	X
28. Dev. Implicat.	X	X				X		X			X	
29. Forecast. Use	X	X				X		X			X	X
30. Social Imp.		X				X		X				X
31. Risk/Benefit		X				X		X			X	X
32. Comp. W. Use	x	x				x	x	x			x	x
33. Unified R.B.M.	x	x				x	x	x			x	x

	<u>MAINE</u>				<u>MARYLAND</u>				<u>MASSACHUSETTS</u>			
	Exist ing		Potential		Existing		Potential		Existing		Potential	
	A	B	C	N	A	B	C	N	A	B	C	N
1. Flood Forecast.	XX				x	x			x	x		
2. Drought/L.Flow	x	x			x	x			x		x	
3. Streamflow Reg.	XX				x				x		x	
4. Instream Flow		x	x	x	x				x		x	
5. Dem. Water S.	x				x	x			x		x	
6. 1rr. Agrl.		x	x	x					x			x
7. Offstream Use		x	x						x			x
8. W. Use Effic.		x	x	x	x				x		x	x
9. Urban Runoff		x	x	x	x		x		x		x	x
10. Erosion/Seal.		x	x	x	x		x		x		x	x
11. Salinity		x		x	x	x	x	x	x		x	x
12. Agric. Runoff		x	x	x	x		x		x		x	x
13. Airborne Poll.		x	x	x	x	x		x	x		x	
14. Waste L. Alloc.		x	x	x	x	x	x	x	x	x		x
15. Thermal Poll.		x	x	x	x			x	x		x	x
16. Toxic Materials		x	x	x	x		x		x		x	x
17. Drink. Water Qual.	XX		x	x	x		x		x		x	x
18. W.Q. Impacts		x	x	x	x		x	x	x		x	x
19. G.W. Supplies		x	x	x	x		x	x	x	x		x
20. Conjunct. Use	x		x	x		x		x	x		x	x
21. Accid. Contain.	x		x	x		x	x	x	x		x	x
22. Ag. Poll.-g.w.		x	x	x		x	x	x	x		x	x
23. W. Disposal-g.w.		x	x	x	x		x		x		x	x
24. Salt W. Intrus.		x	x	x		x	x		x		x	
25. Water Pricing		x	x	x		x	x		x		x	
26. Costs/Poll.Con.		x		x		x	x		x		x	
27. Benefit/Cost		x	x	x		x	x		x		x	
28. Dev. Implicat.		x		x		x	x		x		x	
29. Forecast. Use		x	x	x		x	x		x		x	
30. Social Imp.		x		x		x	x		x			x
31. Msk/Benefit		x	x	x		x	X		x		x	
32. ComD. W. Use		x	x	x		x	x		x		x	
U d R B M		X	X	X		X	X		X		X	X

	<u>MICHIGAN</u>				<u>MINNESOTA</u>				<u>MISSISSIPPI</u>			
	Existing		Potential		Existing		Potential		Existing		Potential	
	A	B	C	N	A	B	C	N	A	B	C	N
1. Flood Forecast.	x				x				x			
2. Drought/L.Flow	x				x				x			
3. Streamflow Reg.		x			x				x			
4. Instream Flow		x	x	x	x	x				x		
5* Dem. Water S.		x			x					x		
6. Irr. Agri.		x	x	x		x	x	x		x		
7. Offstream Use		x			x					x		
8. W.Use Effic.		x			x					x		
9. Urban Rmoff		x	x	x	x	x				x	x	x
10. Erosion/Sed.		x	x	x	x	x				x	x	x
11. Salinity		x				x	x			x	x	x
12. Agric. Rtmoff		x	x	x	x	x				x		
13. Airborne poll.		x	x	x		x	x	x		x	x	x
14. Waste L. Alloc.		x	x	x	o	x			X	o		
15. Thermal Poll.		x	x	x		x	x	x		x	x	
16. Toxic Materials		x	x	x	x	x				x		
17. Drink.Water Qual.			x		x	x				x	x	x
18. W.Q. Impacts		x	x	x	x	x				x	x	x
19. G.W. Supplies		x	x	x		x	x	x		x		
20. Conjunct. Use		x	x	x		x	x	x		x	x	x
21. Accid. Contain.		x	x	x		x	x	x		x	x	x
22. ^{Ago} Poll.-g.w.		x	x	x		x	x	x		x	x	x
23. W. Disposal-g.w.		x	x	x		x	x	x		x	x	x
24. Salt W. Intrus.		x			x					x	x	x
25. Water Pricing		x			x					x		
26. Costs/Poll.Con.		x			x					x		
27. Benefit/Cost		x			x					x		
28. Dev. Implat.		x			x					x		
29. Forecast. Use		x			x					x		
30. Social Imp.		x				x	x	x		x		
31. Risk/Benefit		x				x	x	x		x		
32. Comp. W. Use		x			x					x		
33. Unified R.B.M.		x			x					x		

	<u>MISSOURI</u>				<u>MONTANA</u>				<u>NEBKASKA</u>			
	Existing		Potential		Existing		Potential		Existing		Potential	
	A	B	C	N	A	B	C	N	A	B	C	N
1. Flood Forecast.		x	x	x	x				x			x
2. Drought/L. Flow		x	x	x								
3. Streamflow Reg.		x	x	x					x			x
4. Instream Flow		x	)\$	x		x	x	x		x		x
5. Dem. Water S.		x	x	x		x				x		
6. Irr. Agri.		x	x	x		x			x	x		x
7. Off stream Use		x	x	x		x				x		
8. W. Use Effic.		x	x	x		x			x	x		
9. Urban Runoff			x	x		x				x		
10. Erosion/Seal.			x	x			x			x		X
11. Salinity			x	x		x				x		
12. Agric. Runoff			x	x		x				x	x	x
13. Airborne Poll.	x	x	x			x				x	x	x
14. Waste L. Alloc.			x	x		x				x		
15. Thermal Poll.			x	x		x				x		
16. Toxic Materials			x	x		x				X		
17. Drink. Water @al.		x	x	x		x				x		x
18. W. Q. Impacts			x	x		x				x	x	x
19. G.W. Supplies		x	x	x		x		x		0	0	X
20. Conjunct. Use		x	x	x		x		x		0	x	x
21. Accl'd. Contain.		x	x	x		x				x		
22. Ag. Poll. -g. w.			x	x		x		x		x	x	x
23. W. Disposal-g. w.			x	x		x				x		
24. Salt W. Intrus.			x	x		x				x		x
25. Water Pricing			x	x		x				x		x
26. Costs /Poll. Con.		x	x	x		x				x		
27. Benefit/Cost			x	x		x				x		
28. Dev. Impli=t.			x	x		x				x		x
29. Forecast. Use			x	x		x	x					
30. Social imp.		x	x	x		x				x		x
31. Risk/Benefit			x			x						
32. CoIqp. W. Use			x	x		x						
33. Unified R.B.M.			x	x		x						

		NEVADA				NEW HAMPSHIRE				NEW JERSEY			
		Existing		Potential		Existing		Potential		Existing		Potential	
		A	B	C	N	A	B	C	N	A	B	C	N
10	Flood Fore-st.	X	0							x		x	
2.	Drought/L.Flow	x	x							X	o		
3.	Streamflow Reg.	X	X							0			
4.	Instream Flow	X	o							o			
5.	Dem. Water S.	x	x			x		x		x			
6.	Irr. Agri.	x	x							x			
7.	Offstream Use	x	x							x			
8.	W. Use Effic.	x	x			x		x		x			
9.	Urban R-off	x		x		x		x				x	
10.	Erosion/Seal.	x		x	x	x		x				x	
11.	Salinity	x			x	x		x		x	x	x	x
12.	Agric. Runoff	x	x		x	x		x				x	x
13.	Airborne Poll.	x	x		x	x		x				x	
14.	Waste L. Alloc.	0	0		x	x				x	x	x	x
15.	Thermal Poll.	X	o		x	x						x	x
16.	Toxic Materials	XX		x		x		x				x	x
17.	Drink.Water Qual.	X		x	x	x		x		x		x	
18.	W.Q. Impacts	0	0		x	x		x		x	x		
19.	G.W. Supplies	x	x		x	x		x		x	x		
20.	Conjunct. Use	x	x		x	x		x		x	x		
21.	Accid. Contain.			x	x	x		x		x	x		
22.	Agro Poll.-g.w.	x		x		x				x	x		
23.	W. Disposal-g.w.	x		x	x	x				x	x		
24.	Salt W. Intrus.			x		x						x	x
25.	Water Pricing	x	x		x	x				x		x	x
26.	Costs/Poll.Con.	x								x			
27.	Benefit/Cost	X	o							x			
28.	Dev. Imple@t.	X		x	x								
29.	Forecast. Use	x		x	x								
30.	Social Imp.			x		x							
31.	Risk/Benefit			x		x							
32.	Comp. W. Use	x		x	x					x		x	
33.	Unified R.B.M.	x		x	x					x		x	

		NEW MEXICO				NEW YORK				NORTH CAROLINA			
		Existing		Potential		Existing		Potential		Existing		Potential	
		A	B	C	N	A	B	C	N	A	B	C	N
10	Flood Forecast.	X				x	x					x	x
2.	Drought /L. Flow	x				X	o			x	x		x
3*	Streamflow Reg.	X				o				x	x		x
4.	Instream Flow		x			0				x	x		x
5.	Dem. Water S.	x	x				x			x			x
6.	1rr. Agri.	x	x				x			x			x
7.	Off stream Use	x	x				x			x			x
8.	W. Use Effic.	x	x				x			x			x
9.	Urban Runoff	x				x	x			x			x
10.	Erosion/Seal.		x			x	x			x			x
11.	Sallnity	x								x			x
12.	Agric. Runoff	x				x	x			x			x
13.	Airborne Poll.	x	x			x	x			x			x
14.	Waste L. Alloc.	X	X			x	x			0	x		x
15.	Thermal Poll.		x							x	x	x	x
16.	Toxic Materials	XX							x		x		x
17.	Drink. Water Oual.		x							x	x		x
18.	W.Q. Impacts	x	x			x	x			x	x	x	x
19.	G.W. Supplies	o	x			0					x		x
20.	Conjunct. Use	o	x						x		x		x
21.	Accid. Contain.		x							x			x
22.	Ags poll. ~.ti.		x							x			x
23.	W. Disposal-g. w.		x							x			x
24.	Salt W. Intrus.	XX								x			x
25.	Water Pricing		x				x		x		x		x
26.	Costs /Poll .Con.		x				x		x		x		x
27.	Benefit/Cost	x	x			0			x		x		x
28.	Dev. Implicat.		x				x		x		x		x
29.	Forecast. Use		x			x			x		x		x
30.	Social Imp.		x				x		x		x		x
31.	Risk/Benefit		x				x		x		x		x
32.	Comp. W. Use		x				x		x		x		x
33.	Unified R.B.M.		x			0			x		x		x

	<u>NORTH DAKOTA</u>				<u>OHIO</u>				<u>OKLAHOMA</u>			
	Existing		Potential		Existing		Potential		Existing		Potential	
	A	B	C	N	A	B	C	N	A	B	C	N
1. Flood Forecast.	x				x					x	x	x
2. Drought /L. Flow		x			x	x	x			x	x	x
3. Streamflow Reg. X			o	x					x			
4. Inatream Flow		x			x	x	x		x			
5. Dem. Water S.	x				x				x			
6. Irr. Agri.		x			x	x	x		x			
7. Off stream Use	x				x			x	x		x	x
8. W. Use Effic.		x			x	x	x		x			
9* Urban Runoff					x	x			x			
10. Erosion/Seal.					x				x			
11. Salinity					x			x	x			
12. Agric. Runoff					x				x			
13. Airborne Poll.					o	o			x			
14. Waste L. Alloc.					o	o			x			
15. Thermal Poll.					o	o			x			
16. Toxic Materials					x	o	o		x			
17. Drink. Water @al.					x	x	x		x			
18. W.Q. Impacts					o	o			x			
19. G.W. Supplies	o	x			o	o			x	x		
20. Conjunct. Use		x			x	x			x			
21. Accid. Contain.		x			x			x	x			
22. Ag. Poll.-g.w.		x							x			
23. W. Disposal-g.w.		x			x	x			x			
24. Salt W. Intros.		x			x			x	x			
25. Water Pricing			x		x	x	x		x			
26. Costs/Poll.Con.			x		x	x	x		x			
27. Benefit/Cost			x		x	x	x		x			
28. Dev. Implmt.			x		x	x	x		x			
29. Forecast. Use	o				x			x	x			
30. Social Imp.	X	o			x			x	x			
31. Risk/Benefit					x	x	x		x			
32. Comp. W. Use	x				x				x			
33. Unified R.B.M.					x				x			

	<u>OREGON</u>				<u>PENNSYLVANIA</u>				<u>RHODE ISLAND</u>			
	Existing		Potential		Existing		Potential		Existing		Potential	
	A	B	C	N	A	B	C	N	A	B	C	N
1. Flood Forecast.		x		x		x		x		x		x
2* Drought /L .Flow		x		x		x		x		x		x
30 Streamflow Reg.		x		x		0		x		x		x
4. Instream Flow		x		x		x				x		x
5. Dem. Water S.		x		x		x		x		x		x
6. Irr. Agri.		x		x		x		x		x		x
7. Off stream Use		x		x		x				x		x
8. W. Use Effic.						x		x		x		x
9. Urban Runoff						x		x		x		x
10.Erosion/Seal.						x		x		x		x
11. Salinity						x		x		x		x
12.Agric. Runoff						x		x		x		x
13.Airborne Poll.						x		x		x		x
14. Waste L. Alloc.						0		x		x		x
15. Thermal Poll.						0		x		x		x
16.Toxic Materials						0		0		x		x
17. Drink.Water Qual.						0		0		x		x
18. W.Q. Impacts						0		0		x		x
19.G.W. Supplles	x			x		x		x		0		0
20. Conjunct. Use	x			x		x		x		0		0
21. Accid. Contain.				x		x		x		x		x
22. Age Poll. -g.we				x		x		x				
23.W. Disposal-g.w.				x		x		x		x		x
24. Salt W. Intrus.				x		x				x		x
25. Water Pricing						x		x				
26.Costs/Poll.Con.				x		x		x				x
27.Benefit/Cost				x		0				x		x
28.Dev. Implimt.				x		x		x		x		x
29.Forecast. Use				x		x		x		x		x
30. Social Imp.				x		x		x		x		x
31. Risk/Benefit				x		x		x		x		x
32. Comp. W. Use				x		x		x				x
33. Unified R.B.M.				x		0		x		0		0

	<u>SOUTH CAROLINA</u>				<u>SOUTH DAKOTA</u>				<u>TENNESSEE</u>			
	Existing		Potential		Existing		Potential		Existing		Potential	
	A	B	C	N	A	B	C	N	A	B	C	N
1. Flood Forecast.					X			X	X			X
2. Drought/L.Flow									X			X
3. Streamflow Reg.					X		X	X	X			X
4. Instream Flow									X			X
5. Dem. Water S.									X		X	
60 Irr. Agri.									X			X
7. Offstream Use									X			X
8. W. Use Effic.									X			X
90 Urban Runoff		X		X	X				X		X	
10.Erosion/Seal.		X		X	X		X	X	X		X	
11. Salinity		X		X					X			X
12. Agric. Runoff		X		X					X		X	
13. Airborne Poll.		X		X								
14. Waste L. Alloc. 0				0	X		X	X	0			0
15. Thermal Poll.	X			X					X			0
16. Toxic Materials X				X					X			X
17. Drink.Water Qual. X				X					X			X
18. W.Q. Impacts	X	X		X					X		X	X
19. G.W. Supplies		X		X	0	X			X			X
20. Conjunct. Use		X		X	X	X			X			X
21. Accid. Contain.		X		X				X	X			X
22. Ago Poll.-g.w.		X		X				X	X			X
23. W. Disposal-g.w.		X		X		X			X			X
24. Salt W. Intrus.		X		X		X			X			X
25. Water Pricing		X		X	X		X	X	X			X
26. Costs/Poll.Con.									X			X
27. Benefit/Cost					X				X			X
28. Dev. Implicat.									X			X
29. Forecast. Use									X			X
30. Social Imp.									X			X
31. Risk/Benefit									X			X
32. Comp. W. Use		X		X					X			X
33. Unified R.B.M.									X		X	X

	<u>TEXAS</u>				<u>UTAH</u>				<u>VERMONT</u>			
	Existing		Potential		Existing		Potential		Existing		Potential	
	A	B	C	N	A	B	C	N	A	B	C	N
1. Flood Forecast.	0	0			x		x	x			x	x
2. Drought/L.Flow		x				x	x			x		x
3. Streamflow Reg.					x	x	x			x		x
4. Instream Flow	0	0			x	x				x		x
5. Dem. Water S.		x			x	x	x			x		
6. Irr. Agri.	X	o	x		x	x	x			x		
7. Offstream Use		o	x		x	x	x			x		
8. W. Use Effic.	O	o	x		x		x			x		
9. Urban Runoff		o				x				x		x
10. Erosion/Seal.		x				x				x		
11. Salinity		x				x	x			x		
12. Agric. Runoff		o				x	x			x		
13. Airborne Poll.	x	x	x			x	x			0	0	
14. Waste L. Alloc.			x			x	x			o	x	
15. Thermal Poll.	X	o	x			x	x			x		x
16. Toxic Materials	O	o	x				x			x		x
17. Drink.Water Qual.	0					x				x		x
18. W.Q. Impacts		x				x	x					x
19. G.W. Supplies	X	o	x			x	x			x		x
20. Conjunct. Use	X	o				x	x			x		
21. Accid. Contain.		x					x			x		x
22. Ag. Poll.-g.w.			x				x			x		
23. W. Disposal-g.w.			x				x			x		
24. Salt W. Intrus.			x				x			x		
25. Water Pricing		x				x	x			x		
26. Costs/Poll.Con.						x	x			x		
27. Benefit/Cost		o				x	x			x		
28. Dev. Implicat.		o				x	x			x		
29. Forecast. Use		o				x	x			x		
30. Social Imp.						x	x			x		
31. Risk/Benefit		x				x	x			x		
32. Comp. W. Use		x				x	x			x		
33. Unified R.B.M.						x	x			x		x

	<u>VIRGINIA</u>				<u>WASHINGTON</u>				<u>WEST VIRGINIA</u>			
	Existing		Potential		Existing		Potential		Existing		Potential	
	A	B	C	N	A	B	C	N	A	B	C	N
1. Flood Forecast.			x		x		x	x	X	o	X	o
2* Drought/L.Flow	x	x			x		x	x	X	o	X	o
30 Streamflow Reg.	x	x	x		x		x	x	X	o	X	o
4. Instream Flow			x		X	o	x	x				x
5. Dem. Water S.			x		x	x	x	x				
6. Irr. Agri.			x		x	x	x	x				
7. Offstream Use			x				x	x				
8. W. Use Effic.			x		x		x					x
9* Urban Rutoff			x						x	x	x	x
10. Erosion/Seal.			x						x	x	x	x
11. Salinity			x									
12. Agric. Rmoff			x									
13. Airborne Poll.			x									
14. Waste L. Alloc.	X	o	x						X	o	X	o
15. Thermal Poll.			x						X	o	X	o
16. Toxic Materials			x						x	x	x	x
17. Drink. Water Qual.			x									
18. W.Q. Impacts	x	x	x						X	o	X	o
19. G.W. Supplies	0	x	x		x	x		x				
20. Conjunct. Use			x		x		X	o	x		o	
21. Accid. Contain.			x									x
22. Ag. Poll.-g.we			x						x		x	
23. W. Disposal-g.w.			x						x		o	
24. Salt W. Intrus.			x						x		x	
25. Water Pricing			x			x		x				
26. Costs/Poll.Con.			x									
27. Benefit/Coat			x			x						
28. Dev., Impliat.						x						x
29. Foreumt. Use			x			x		x				x
30. Social Imp.			x			x						
31. Risk/Benefit			x			x						
32. Comp. W. Use			x			x						
33. Unified R.B.M.			x					x	x			x

	<u>WISCONSIN</u>				<u>WYOMING</u>				<u>WASHINGTON, D.C.</u>			
	Existing		Potential		Existing		Potential		Existing		Potential	
	A	B	C	N	A	B	C	N	A	B	C	N
1. Flood Forecast.	X	X					X	X	X	X		X
2. Drought/L.Flow	X	X					O	X				
3. Streamflow Reg.	x	x	x				x	x				
4. Instream Flow		X					O	X				
5. Dem. Water S.			x				x					
6. Irr. Agri.			x				O	X				
7. Offstream Use			X				O	X				
8. W. Use Effic.			X				X					
9. Urban Runoff		x	x				x	x	x			
10. Erosion/Seal.		x	x	x			x	x	x			
11. Salinity			X				X	X				
12. Agric. Runoff		X					X	X				
13. Airborne Poll.		x	x				x	x				
14. Waste L. Alloc.							X					
15. Thermal Poll.		x	x				X					
16. Toxic Materials		X					X					
17. Drink. Water Qual.		X					X					
18. W.Q. Impacts		x					X	X	X			
19. G.W. Supplies		X					X	X				
20. Conjunct. Use		x					X	X	X			
21. Accid. Contain.		X					X	X	X			
22. Ag. Poll.-g.w.		X					X	X	X			
23. W. Disposal-g.w.		X					X	X	X			
24. Salt W. Intrus.		X					X					
25. Water Pricing		X					X					
26. Costs/Poll.Con.		x	x				X					
27. Benefit/Cost		X					X					
28. Dev. Implicat.		x					O	X				
29. Forecast. Use		X					X					
30. Social Imp.		X					X					
31. Risk/Benefit		X					X					
32. Comp. W. Use		X					X					
33. Unified R.B.M.		O					X					