

Colorado Drought & Water Supply Assessment

10703	1876	Q.1 First, pleasorganization:	se tell me which of the following	best describes your
	1937	Federa Agricu Munic Intenti State	al Agencylture (Irrigation/ Ditch or Reservoir) ipal Water District, Utility, Dept, or Con ionally Left Blank	2 3 npany4 5 6
		Water Indust	onally Left BlankConservation I Conservancy or Water Conservation I cry(e.g., Tribe, HOA, or County Govt)	District 8 9
year que:	rly water use or delivery.	We realize that	sent a postcard which requests nu you're an agricultural entity, so befo cable questions or if we could inste	ore proceeding to those
			Structures are best I can answer water use or deliver	
			[If the answer is 2, skip to Q4]	
Q.3	What are your structure	s?		
Q.4		as minimum stre	<u>rearly</u> water use or delivery includer am flows or reserved water rights	
Q.5	What are the units typ 1) Volume or acre-fe Cubic Feet?		this measurement: CFS (second feet or feet), 3)	Gallons or 4) by
			Volume or Acre Feet Flow or CFS (second feet or feet) Gallons	. 2 3

Q.1 _	e.13 For the year 1999 (What was the approximate amount of (ENTER NUMBERS ONLY.)	of water use or delivery?)
		Volume (acre feet)
Q.1	1.12 Is that by Volume (acre feet) or Flow or CFS (second feet	or feet) or <u>Gallons</u> or <u>Cubic Feet</u> ?
Q.1	e.11 For the year 2000 (What was the approximate amount (ENTER NUMBERS ONLY.)	of water use or delivery?)
		Volume (acre feet)
Q.1	Q.10 Is that by Volume (acre feet) or Flow or CFS (second fee	t or feet) or Gallons or Cubic Feet?
Q.9	9.9 For the year 2001 (What was the approximate amount of (ENTER NUMBERS ONLY.)	water use or delivery?)
Q.8	Flow (CFS) Gallons	r feet) or <u>Gallons</u> or <u>Cubic Feet</u> ? re feet)
Q.7	1.7 For the year 2002 (What was the approximate amount of (ENTER NUMBERS ONLY.)	water use or delivery?)
	questions: Please, tell me the amount of total water use, including treeach of the following years, beginning with 2002 and world	

Q.14	Is that by Volume (acre feet) or Flow or CFS (second feet or feet) or Gallons or Cubic Feet?		
		Volume (acre feet)	
Q.15	For the year 1998 (What was the approximate amount of vector (ENTER NUMBERS ONLY.)	vater use or delivery?)	
Q.16	Is that by Volume (acre feet) or Flow or CFS (second feet or	feet) or <u>Gallons</u> or <u>Cubic Feet</u> ?	
		Volume (acre feet)	
Q.17	For the year 1977 (What was the approximate amount of vector (ENTER NUMBERS ONLY.)	water use or delivery?)	
Q.18	Is that by Volume (acre feet) or Flow or CFS (second feet or	feet) or Gallons or Cubic Feet?	
		Volume (acre feet)	
Q.19	In an average year, what is the <u>approximate</u> percentage of following sources, such that the percentage adds up to 10 [ANSWER MUST TOTAL 100]		
	In Basin Surface Water Transbasin Surface Water Groundwater Reused Water (water from waste water treatment t		
Q.20	In an average year, please tell me your primary water uses such that the sum totals 100%.	s by <u>approximate</u> percentage	
	For example, if your primary water uses were Irrigation & r know if irrigation demanded 80% & municipal 20%, or if the	•	

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essentially asking for a profile of your entire water resources. In other words, what's

your water use & how much of each category is used?
[ANSWER MUST TOTAL 100]

	Environmental/Instream Flow % Fire Protection %
Q.21	IF YOU CHOSE "OTHER" ABOVE IN Q.20, PLEASE RECORD THAT USE HERE:
Q.22	What percent of your water is consumptively used in an average year? (FYI-This is water lost from the system.) PERCENT OF WATER USED FOR CONSUMPTIVE USE/WATER LOST
Q.23	Looking to 2010, would you predict that the demand for water for you &/or your users will increase, decrease, or remain about the same? Increase
	[IF THE ANSWER TO QUESTION 23 IS 3, THEN SKIP TO Q.25]
Q.24	What would you estimate the percentage [increase/decrease] in demand to be?
	1-10%
Q.25	Does you water system have storage capacity? Yes1 No2

[IF THE ANSWER IS 2, THEN SKIP TO Q.33]

Q.26	What is the total <u>typical</u> volume, <u>in acre-feet</u> , of storage capacity in your system?		
	(NEED TYPICAL) (If you can only answer in gallons, please make a note of that.)		
Q.27	Again, if you have your postcard handy, please refer to data that you may have retrieved for the following questions.		
	Now, we need the <u>approximate</u> amount of total water in storage, measured as a percentage of total storage, on the dates of April 15 (before spring), July 1st (after spring), and November 1st (after use).		
	Let's begin with year 2002: What was your total volume of storage on April 15?		
	(ENTER NUMBERS ONLY. IF NONE, ENTER ZERO.) THESE #'S DO NOT SUM TO 100%. EACH QUESTION HAS A UNIQUE ANSWER.		
	% of Total Volume in Storage April 15th/Before Spring: 2002		
Q.28	Now, let's turn to year 2001.		
	(ENTER NUMBERS ONLY. IF NONE, ENTER ZERO.) THESE #'S DO NOT SUM TO 100%. EACH QUESTION HAS A UNIQUE ANSWER.		
	% of Total Volume in Storage April 15th/Before Spring: 2001 % on July 1st/After Spring: 2001		
Q.29	Now, let's look at 2000.		
	(ENTER NUMBERS ONLY. IF NONE, ENTER ZERO.)		
	% of Total Volume in Storage April 15th/Before Spring: 2000		
Q.30	Now, year 1999.		
	(ENTER NUMBERS ONLY. IF NONE, ENTER ZERO.)		
	Amt of Total Volume in Storage April 15th/Before Spring: 1999		

Q.31	Now, year 1998.
	(ENTER NUMBERS ONLY. IF NONE, ENTER ZERO.)
	Amt of Total Volume in Storage April 15th/Before Spring: 1998
Q.32	Finally, going back to year 1977.
	(ENTER NUMBERS ONLY. IF NONE, ENTER ZERO.)
	Amt of Total Volume in Storage April 15th/Before Spring: 1977
Q.33	What is the approximate population you serve?
	Under 200
Q.34	What is the approximate number of acres irrigated excluding residential?
	Under 160 acres (less than 1/4 square mile)
Q.35	Now, I'm going to read a list of several possible limitations to your current water supply. First, please tell me which items are limitations by answering yes or no.
Q.36	Availability of In-basin Water Rights (Is this a limitation?)
	Yes1 No / Doesn't Apply2

[IF THE ANSWER TO QUESTION 36 IS 2, THEN SKIP TO QUESTION 38]

Q.37	Please rate that limitation, with 1 being slightly limiting & 5 being	extremely limiting.
		1= slightly limiting1 2
Q.38	Availability of Storage (Is this a limitation?)	
		Yes1 No / Doesn't Apply2
	[IF THE ANSWER TO QUESTION 38 IS 2, THEN SKIP TO QUE	STION 40]
Q.39	Please rate that limitation, with 1 being slightly limiting & 5 being	extremely limiting.
		1= slightly limiting 1 2
Q.40	Availability of Trans-Basin Water Rights (Is this a limitation?)	
		Yes1 No / Doesn't Apply2
	[IF THE ANSWER TO QUESTION 40 IS 2, THEN SKIP TO QUE	STION 42]
Q.41	Please rate that limitation, with 1 being slightly limiting & 5 being	extremely limiting.
Q.42	Availability of Augmentation Water (Is this a limitation?)	1= slightly limiting 1 2
		Yes1 No / Doesn't Apply2

[IF THE ANSWER TO QUESTION 42 IS 2, THEN SKIP TO QUESTION 44]

Q.43	.43 Please rate that limitation, with 1 being slightly limiting & 5 being extremely limiting.	
		1= slightly limiting1 2
Q.44	Availability of Groundwater Recharge (Is this a limitation?)	
		Yes1 No / Doesn't Apply2
	[IF THE ANSWER TO QUESTION 44 IS 2, THEN SKIP TO QUE	STION 46]
Q.45	Please rate that limitation, with 1 being slightly limiting & 5 being	extremely limiting.
		1= slightly limiting 1 2
Q.46	Clean Water Act Overall (Is this a limitation?)	1
	No / Does	sn't Apply2
	[IF THE ANSWER TO QUESTION 46 IS 2, THEN SKIP TO QUE	STION 48]
Q.47	Please rate that limitation, with 1 being slightly limiting & 5 being	extremely limiting.
		1= slightly limiting
Q.48	CWCB Instream Flows? (Is this a limitation?)	Yes1 No / Doesn't Apply2

[IF THE ANSWER TO QUESTION 48 IS 2, THEN SKIP TO QUESTION 50]

Q.49	2.49 Please rate that limitation, with 1 being slightly limiting & 5 being extremely limiting.	
		1= slightly limiting1 2
Q.50	Diversion structures (Is this a limitation?)	Yes1 No / Doesn't Apply2
	[IF THE ANSWER TO QUESTION 50 IS 2, THEN SKIP T	O QUESTION 54]
Q.51	Please rate that limitation, with 1 being slightly limiting & 5	being extremely limiting.
		1= slightly limiting1 2
	Intentionally left blank Intentionally left blank	
Q.54	Endangered Species Act (Is this a limitation?)	Yes1 No / Doesn't Apply2
	[IF THE ANSWER TO QUESTION 54 IS 2, THEN SKIP T	O QUESTION 56]
Q.55	Please rate that limitation, with 1 being slightly limiting & 5	being extremely limiting.
Q.56	Federal Land Management (Is this a limitation?)	1= slightly limiting1 2
		Yes1 No / Doesn't Apply2

[IF THE ANSWER TO QUESTION 56 IS 2, THEN SKIP TO QUESTION 58]

Q.57	57 Please rate that limitation, with 1 being slightly limiting & 5 being extremely limiting.	
		1= slightly limiting1 2
Q.58	Federal Special Use Permitting, By-Pass Flows, or Reserved Wate (Is this a limitation?)	er Rights Yes1 No / Doesn't Apply2
	[IF THE ANSWER TO QUESTION 58 IS 2, THEN SKIP TO QUESTI	ON 60]
Q.59	Please rate that limitation, with 1 being slightly limiting & 5 being ex	tremely limiting.
		1= slightly limiting1 2
Q.60	Need for New or Upgraded Raw Water Treatment Infrastructure (Is this a limitation?)	Yes1 No / Doesn't Apply2
	[IF THE ANSWER TO QUESTION 60 IS 2, THEN SKIP TO QUESTI	ON 62]
Q.61	Please rate that limitation, with 1 being slightly limiting & 5 being ex	tremely limiting.
		1= slightly limiting1 2
Q.62	Federal environmental permitting requirements (e.g. NEPANational Environmental Policy Act) (Is this a limitation?)	Yes1 No / Doesn't Apply2

Q.63	Please rate that limitation, with 1 being slightly limiting & 5 being ex	ktremely limiting.
		1= slightly limiting1 2
Q.64	Pressure of Development on Agricultural Land Water Rights (Is this a limitation?)	Yes1
		No / Doesn't Apply2
	[IF THE ANSWER TO QUESTION 64 IS 2, THEN SKIP TO QUEST	ION 66]
Q.65	Please rate that limitation, with 1 being slightly limiting & 5 being ex	ktremely limiting.
		1= slightly limiting1 2
Q.66	Reliability of Production Wells (Is this a limitation?)	Yes1 No / Doesn't Apply2
	[IF THE ANSWER TO QUESTION 66 IS 2, THEN SKIP TO QUEST	
Q.67	Please rate that limitation, with 1 being slightly limiting & 5 being ex	ktremely limiting.
		1= slightly limiting1 2
Q.68	Reliability of Existing In-basin Water Rights (Is this a limitation?)	Yes1
		No / Doesn't Apply2

[IF THE ANSWER TO QUESTION 68 IS 2, THEN SKIP TO QUESTION 70]

Q.69	Please rate that limitation, with 1 being slightly limiting & 5 being extremely limiting.	
Q.70	Reliability of Existing Trans-Basin Water Rights (Is this a limitation?)	1= slightly limiting1 2
		Yes1 No / Doesn't Apply2
	[IF THE ANSWER TO QUESTION 70 IS 2, THEN SKIP TO QUESTI	ON 72]
Q.71	Please rate that limitation, with 1 being slightly limiting & 5 being ex	tremely limiting.
		1= slightly limiting1 2
Q.72	Restrictions on Use of Existing Storage (dam safety, by way of example (ls this a limitation?)	mple) Yes1 No / Doesn't Apply2
	[IF THE ANSWER TO QUESTION 72 IS 2, THEN SKIP TO QUESTI	ON 74]
Q.73	Please rate that limitation, with 1 being slightly limiting & 5 being ex	tremely limiting.
		1= slightly limiting1 2
Q.74	Section 404 Permits (US Army Corp of Engineers permit required for wetlands or waterways)? (Is this a limitation?)	Yes1
		No / Doesn't Apply2

[IF THE ANSWER TO QUESTION 74 IS 2, THEN SKIP TO QUESTION 76]

Q.75	5 Please rate that limitation, with 1 being slightly limiting & 5 being extremely limiting.				
		1= slightly limiting1 2			
Q.76	Water Quality (Surface/Groundwater)? (Is this a limitation?)				
		Yes1 No / Doesn't Apply2			
	[IF THE ANSWER TO QUESTION 76 IS 2, THEN SKIP TO QUESTI	ON 78]			
Q.77	Please rate that limitation, with 1 being slightly limiting & 5 being ex	tremely limiting.			
		1= slightly limiting1 2			
Q.78	US Fish & Wildlife Service Flow Recommendations? (Is this a limitation?)	Yes1 No / Doesn't Apply2			
	[IF THE ANSWER TO QUESTION 78 IS 2, THEN SKIP TO QUESTI	ON 80]			
Q.79	Please rate that limitation, with 1 being slightly limiting & 5 being ex	tremely limiting.			
		1= slightly limiting1 2			
Q.80	Water Transmission System / Conveyance facilities (e.g., ditches, p	pipes, etc.)			
	(Is this a limitation?)	Yes1 No / Doesn't Apply2			

[IF THE ANSWER TO QUESTION 80 IS 2, THEN SKIP TO QUESTION 82]

Q.81	1 Please rate that limitation, with 1 being slightly limiting & 5 being extremely limiting.			
		1= slightly limiting1 2		
Q.82	Water Distribution System Losses (Is this a limitation?)			
		Yes1 No / Doesn't Apply2		
	[IF THE ANSWER TO QUESTION 82 IS 2, THEN SKIP TO QUESTI	ON 84]		
Q.83	Please rate that limitation, with 1 being slightly limiting & 5 being ex	tremely limiting.		
		1= slightly limiting1 2		
Q.84	Public Expectation for Instream Water Use (Environmental, Recrea (Is this a limitation?)	tional, Aesthetic)		
		Yes1 No / Doesn't Apply2		
	[IF THE ANSWER TO QUESTION 84 IS 2, THEN SKIP TO QUESTI	ON 86]		
Q.85	Please rate that limitation, with 1 being slightly limiting & 5 being ex	tremely limiting.		
		1= slightly limiting1 2		
Q.86	Is there some other important limitation that I didn't mention?	Yes1 No2		

[IF THE ANSWER TO QUESTION 86 IS 2, THEN SKIP TO QUESTION 88]

Q.87 RECORD OTHER IMPORTANT LIMITATION

O 88	Please rate	that limitation	with 1 being	slightly limiting	& 5 heind	extremely limiting.
Q. 00	i icase iate	unai minianom.	. WILL I DEILIG	SHULLIN HITHIII		i calicilicia ilitililia.

Q.89 Which one of the limitations we've just discussed has the greatest impact on your current water supply? **CHOOSE UP TO THREE.**

Availability of In-basin Water Rights	1
Availability of Storage	2
Availability of Trans-Basin Water Rights	3
Availability of Trans-Basin Water Rights	4
Clean Water Act	5
CWCB Instream Flows	6
Diversion Structure(s)	7
Emergency Water Supplies	8
Endangered Species Act	9
Fed Environmental Permitting Reqs (e.g., NEPA)	10
Federal Land Management	11
Fed. Special Use Permitting/By Pass Flows/Resv'd Water Rights	12
Need for New or Upgraded Raw Water Treatment Infrastructure	13
Pressure of Development on Agricultural Land H2O Rights	14
Production Wells	15
Public Expectation for Water Use(Enviro, Recr, Aesthetic	16
Raw Water Treatment Infrastructure	17
Reliability of Existing In-basin Water Rights	18
Reliability of Existing Transbasin Water Rights	19
Requirement for Groundwater Recharge	20
Restrictions on Use of Existing Storage	21
Section 404 Permits	22
US Fish & Wildlife Service Flow Recommendations	23
Water Distribution System Losses	24
Water Quality (Surface/Ground)	25
Water Transmission System/ Conveyance Facilities	26
OTHERSOMETHING NOT LISTED!!	27
Availability of snowpack/precipitation/runoff	28
Availability of funding	29
Availability of groundwater	30
None/Refused	31

[AVOID Q90, UNLESS Q 89 IS 27]

Q.90 OTHER LIMITATION THAT HAS THE GREATEST IMPACT

Q.91	Now, we'd like to turn your attention to water management tools by focusing on three items: Your water supply plan, your drought plan, and your conservation plan.		
	First, do you have a Water Supply Master Plan in place, that is development of future water supply needs?	a plan in place for	
	[IF THE ANSWER IS 1, THEN SKIP TO QUESTION 93]	Yes1 No 2	
Q.92	Do you have one planned for the future? (FYI THIS INCLUDES	S "working on one") Yes1 No 2	
	[IF THE ANSWER IS 2, THEN SKIP TO QUESTION 94]		
Q.93		nt scale, where 1 is I = not at all effective1 2	
Q.94	Do you have a Drought Management Plan in place? [IF THE ANSWER IS 2, THEN SKIP TO QUESTION 96]	Yes1 No2	
Q.95	Did you have one in place prior to this year?	Yes 1 No 2	
Q.96	Do you have one planned for the future?	Yes1 No2	
Q.97	Please tell me which of the following components you currently util drought? Please answer yes or no to each one.	ize in managing	
Q.98 respo	Defined communications external to organization related to drought, nse or release of information to an external entity (e.g., news release)	such as a formal Yes1 No2 Don't know3	

Q.99	Defined communications internal to organization related to drought (formal relation related to drought (formal relation related to drought (formal relation) information to internal entity e.g., memo to mayor)	ease of
	illiointation to internal entity e.g., memo to mayor)	Yes1
		No2
		Don't know3
Q.100	Identification of Different Levels of Responses	
ασ	Tabilinoadori di Bilioroni Edvold di Mosponido	Yes1
		No2
		Don't know3
Q.101	Identified & Measurable Triggers for Action	
		Yes1
		No2
O 102	Monitorina Water Quality	Don't know3
Q. 102	Monitoring Water Quality	Yes1
		No2
		Don't know3
Q.103	Monitoring Water Supply Components (e.g., snowpack, stream flow, etc.)	
		Yes1
		No2
		Don't know 3
0 104	Dragaduras for Declaring Emergencies	
Q. 104	Procedures for Declaring Emergencies	Yes1
		No2
		Don't know3
Q.105	Is there another component that I didn't mention (that you utilize to manage of	drought?)
		Yes1
		No 2
	[IF THE ANSWER TO QUESTION 105 IS 2, THEN SKIP TO QUESTION 107]	
Q.106	RECORD ANSWER	

Q.107 Please tell me which of the following tools you currently utilize in managing drought. Again, you may simply answer yes or no to each item.

Q.108	Aquifer storage & recovery/conjunctive use	Yes1 No 2
Q.109	Cloud seeding	Yes1 No 2
Q.110	Controls on new construction	Yes1 No 2
Q.111	Emergency water supply agreements	Yes1 No 2
Q.112	Fines for water users (e.g., Increased costs/sliding scale for water use)	Yes1 No 2
Q.113	Substitute supply plans	Yes1 No 2
Q.114	Interruptible water supply agreements	Yes1 No 2
Q.115	Landscaping controls / Xeriscape, amt of planting allowed	Yes1 No 2
Q.116	Lawn and garden water restrictions	Yes1 No 2
Q.117	Operations/Cooperative agreements	Yes1 No 2
Q.118	Public education and involvement programs	Yes1 No 2

Q.119	Pump groundwater	Yes1 No 2
Q.120	Water banking	Yes1
Q.121	Water conservation programs	Yes 1 No 2
Q.122	Dual Water System for Irrigation	Yes1 No 2
Q.123	Is there any other tool that I haven't mentioned?	Yes1 No 2
	[IF THE ANSWER TO QUESTION 123 IS 2, THEN SKIP TO QUESTION 125]	
Q.124	What tool?	
Q.125	And which of the tools that I've just mentioned have you found to be best in madrought? UP TO THREE CHOICES ARE ACCEPTABLE	anaging
	Aquifer storage and recovery/ conjunctive use	
Q.126	[IF THE ANSWER TO QUESTION 125 IS 1-15, THEN SKIP TO QUESTION 127] OTHER BEST TOOL	
Q.127	Do you have a water conservation plan in place?	Yes1

No ... 2

[IF THE ANSWER TO QUESTION 127 IS 2, THEN SKIP TO QUESTION 129]

Q.128 D	Yes1 No 2
Q.129 D	Yes1 No2

Q.130 Which tools/programs do you *currently* utilize to conserve water?

	Yes	No
Alternative irrigation practices	1	2
Automated canal structures	1	2
Distribution/conveyance system leak detection	1	2
Dry land farming	1	2
Land use covenants	1	2
Lining of piping, ditches or canals	1	2
Metering	1	2
New subdivision platting and covenant requirements	1	2
Optimize conjunctive use of surface & groundwater Public information & education programs		
Residential plumbing retrofits (e.g., low flow toilets)	1	2
Rotating drought tolerant crops	1	2
School education programs	1	2
Sectioning of canals & ditches	1	2
Use of recycled water	1	2
Use of water recovery program	1	2
Water conservation pricing	1	2
Xeriscape promotions	1	2

Q.131 And which one of those tools is the best for conservation? UP TO TWO CHOICES ARE ACCEPTABLE.

Alternative irrigation practices	1
Automated canal structures	
Distribution/conveyance system leak detection	
Dry land farming	
Land use covenants	
Lining of piping, ditches or canals	
Metering	
New subdivision platting & covenant requirements	
i i i i i i i i i i i i i i i i i i i	9
_ ·	10
Residential plumbing retrofits (e.g. low flow toilets)	-
Rotating drought tolerant crops	
School education programs	
Sectioning of canals & ditches	
Use of recycled water	
Use of water recovery programs	
Water conservation pricing	
Xeriscape promotions	
	. •

Q.132 Now we'd like to ask you how the current drought has impacted you, specifically as it pertains to the entity that you represent. For the purposes of this study, we are defining the current drought as beginning in 1999 to present.

Please rate the level of impact that drought has had on each of the following areas, using a 5-point scale, where 1 is no impact at all, and 5 is an extreme impact.

1 = NO IMPACT AT ALL -- TO -- 5 = EXTREME IMPACT

	1=low	2	3	4	5=high
Loss of Crop Yield	1	2	3	4	5
Loss of Landscaped Property	1	2	3	4	5
Loss of Livestock	1	2	3	4	5
Limited New Construction	1	2	3	4	5
Loss of reliable water supply	1	2	3	4	5
Wells went dry or produced sand	1	2	3	4	5
Loss of Recreational Revenue	1	2	3	4	5
Loss of Water Amenities (e.g., parks, fountains)	1	2	3	4	5
Loss of Wildlife Habitat	1	2	3	4	5
Loss of Wildlife	1	2	3	4	5

Raw water quality	1	2	3	4	5
Fire damage	1	2	3	4	5
Loss of Operations Revenues (e.g., sale of	1	2	3	4	5
water) Increased expenses for public education	1	2	3	4	5
Loss of system flexibility	1	2	3	4	5
Q.133 Is there some other area that's bee	en impacte	ed that I didn	't mention?	,	Yes1 No 2
[IF THE ANSWER TO QUESTION	N 133 IS 2,	THEN SKIP T	O QUESTIO	N 136]	
Q.134 OTHER IMPACTED AREA					
Q.135 And how would you rate that on the	5-point sca	ale?			
				1 = not impa 2 3 4 5 = extreme	2 3 4
Q.136 Now, let's turn our attention to water planning for future water supplies. I'm going to ask you to rate your ability to predict the future requirements for water supply both in the short term (defined as 2010) & the long term (defined as 2030) using the 5-point scale, where 1 is poor & 5 is excellent ability to predict future requirements. Then, I'm also going to ask how important that requirement is for you (again on the 5-point scale, with 1 being not at all important, and 5 being extremely important.)					
Q.137 In the short term, how would you rademand?	ate your a	bility to pred	ct future av	verage dail	y
domand.				2 3 4 5 = exce	r1234 ellent5 licable6
(IF THE ANSWER TO QUESTIO	N 137 IS 6	THEN SKIP T	O QUESTIO	N 1301	

[IF THE ANSWER TO QUESTION 137 IS 6, THEN SKIP TO QUESTION 139]

Q.138	And overall, how important is that ability?	
	1 = not at all important 2	2 3 4
Q.139	How would you rate that ability in the long-term? (FYI: ability to predict future average daily demand)	
	1 = poor ,	2 3 4
	[IF THE ANSWER TO QUESTION 139 IS 6, THEN SKIP TO QUESTION 141]	
Q.140	And overall, how important is it to predict future average daily demand?	
	1 = not at all important 2	3 4
Q.141	In the short term, how would you rate your ability to meet future average daily demand	d?
	1 = poor	2 3 4
	[IF THE ANSWER TO QUESTION 141 IS 6, THEN SKIP TO QUESTION 143]	
Q.142	And overall, how important is that ability?	
	1 = not at all important 2	3 4

Q.143	How would you rate that ability in the long-term? daily demand)	(FYI: ability to meet future average
		1 = poor
	[IF THE ANSWER TO QUESTION 143 IS 6, THEN	N SKIP TO QUESTION 145]
Q.144	And overall, how important is it to meet future ave	rage daily demand?
		1 = not at all important1 22
		33
		44 5 = extremely important5
Q.145	In the short term, how would you rate your ability	to predict future peak daily demand?
		1 = poor
	[IF THE ANSWER TO QUESTION 145 IS 6, THEN	SKIP TO QUESTION 147]
Q.146	And overall, how important is that ability?	1 = not at all important1 2
Q.147	How would you rate that ability in the long-term? daily demand)	(FYI: ability to predict future peak
		1 = poor

[IF THE ANSWER TO QUESTION 147 IS 6, THEN SKIP TO QUESTION 149]

Q.148	And overall, how important is it to predict future peak daily demand?	
		1 = not at all important1 2
Q.149	In the short term, how would you rate your ability to meet future	peak daily demand?
		1 = poor
	[IF THE ANSWER TO QUESTION 149 IS 6, THEN SKIP TO QUES	TION 151]
Q.150	And overall, how important is that ability?	1 = not at all important1
		2
Q.151	How would you rate that ability in the long-term? (FYI: ability to demand)	o meet future peak daily
		1 = poor
	[IF THE ANSWER TO QUESTION 151 IS 6, THEN SKIP TO QUES	TION 153]
Q.152	And overall, how important is it to meet future peak daily deman	d?
		1 = not at all important1 2
		z zzz., important i ne

	In the short term, how would you rate your ability to preo, snow pack, etc.)?	edict future weather patterns (e.g.,
	o, oo., p.s.o., .	1 = poor1
		22
		33
		44
		5 = excellent5 Not applicable6
	[IF THE ANSWER TO QUESTION 153 IS 6, THEN SKI	P TO QUESTION 155]
Q.154	And overall, how important is that ability?	
		1 = not at all important1
		22
		3
		5 = extremely important5
Q.155	, , ,	I: ability to predict future weather
	patterns)	
		1 = poor1
		22
		33 44
		5 = excellent5
		Not applicable6
	[IF THE ANSWER TO QUESTION 155 IS 6, THEN SKI	P TO QUESTION 157]
O 156	And overall, how important is it to predict future weath	er natterns
Q. 100	(e.g., El Nino, snow pack, etc.)?	
		1 = not at all important1
		22 33
		44
		5 = extremely important5
Q.157	In the short term, how would you rate your ability to m	eet demands with existing
	surface water supplies?	3
	• •	1 = poor1
		22
		33
		44 5 = excellent5
		5 = excellent5 Not applicable6

Q.158	And overall, how important is that ability?	
	, ,	1 = not at all important1
		22
		33
		44
		5 = extremely important5
Q.159	How would you rate that ability in the long-term?	(FYI: ability to meet demands with
	existing surface water supplies)	
		1 = poor1
		22
		3 44
		5 = excellent5
		Not applicable6
	[IF THE ANSWER TO QUESTION 159 IS 6, THEN	I SKIP TO QUESTION 1611
	[
Q.160	And overall, how important is it to meet demands	with existing surface water supplies?
		4 met et ell immentent 4
		1 = not at all important1 22
		33
		44
		5 = extremely important5
Q.161	In the short term, how would you rate your ability t	o meet demands with existing ground
Q. 101	water supplies?	o meet demands with existing ground
		1 = poor1
		22
		33
		44 5 = excellent5
		Not applicable6
	[IF THE ANSWER TO QUESTION 161 IS 6, THEN	I SKIP TO QUESTION 163]
Q.162	And overall, how important is that ability?	
	, , ,	1 = not at all important1
		22
		33
		44
		5 = extremely important5

Q.163	How would you rate that ability in the long-term? existing ground water supplies)	(FYI: ability to meet demands with
		1 = poor1 22 33 44 5 = excellent5 Not applicable6
	[IF THE ANSWER TO QUESTION 163 IS 6, THE	N SKIP TO QUESTION 165]
Q.164	And overall, how important is it to meet demands	with existing ground water supplies?
		1 = not at all important1 2
Q.165	In the short term, how would you rate your ability supplies?	to acquire new surface water
		1 = poor
	[IF THE ANSWER TO QUESTION 165 IS 6, THE	N SKIP TO QUESTION 167]
Q.166	And overall, how important is that ability?	1 = not at all important1
		2
Q.167	How would you rate that ability in the long-term? water supplies)	(FYI: ability to acquire new surface
	water συρρίτσο <i>)</i>	1 = poor

[IF THE ANSWER TO QUESTION 167IS 6, THEN SKIP TO QUESTION 169]

Q.168	And overall, how important is it to acquire new surface water supplies?	
		1 = not at all important1 2
Q.169	In the short term, how would you rate your ability to acquire new supplies?	ground water
	зиррпез:	1 = poor1 22 33 44 5 = excellent5 Not applicable6
	[IF THE ANSWER TO QUESTION 169 IS 6, THEN SKIP TO QUESTION 169	TION 171]
Q.170	And overall, how important is that ability?	
		1 = not at all important1 2
Q.171	How would you rate that ability in the long-term? (FYI: acquire supplies)	new surface water
		1 = poor1 22 33 44 5 = excellent5 Not applicable6
	[IF THE ANSWER TO QUESTION 171 IS 6, THEN SKIP TO QUEST	TION 173]
Q.172	And overall, how important is it to acquire new ground water sup	plies?
		1 = not at all important1 2

Q.173	3 In the short term, how would you rate your ability to detect & repair water system shrink &/or leakage?	
		1 = poor1
		22
		34
		5 = excellent5
		Not applicable6
	[IF THE ANSWER TO QUESTION 173 IS 6, THEN SKIP TO QUES	STION 175]
Q.174	And overall, how important is that ability?	
		1 = not at all important1
		22
		33
		44 5 = extremely important5
Q.175	 How would you rate that ability in the long-term? (FYI: ability t system shrink &/or leakage) 	o detect & repair water
		1 = poor1
		22
		33
		44 5 = excellent5
		Not applicable6
	[IF THE ANSWER TO QUESTION 175 IS 6, THEN SKIP TO QUES	STION 177]
Q.176	And overall, how important is it to detect & repair water system	shrink &/or leakage?
		1 = not at all important1
		22 33
		44
		5 = extremely important5
Q.177	In the short term, how would you rate your ability to manage wa water supply?	ter quality impacts on
	water συρριγ:	1 = poor1
		22
		33
		44
		5 = excellent5
		Not applicable6

[IF THE ANSWER TO QUESTION 177 IS 6, THEN SKIP TO QUESTION 179]

Q.178	And overall, how important is that ability?	
	γ	1 = not at all important1
		22 33
		44
		5 = extremely important5
Q.179	How would you rate that ability in the long-term? impacts on water supply)	(FYI: ability to manage water quality
	1 11 37	1 = poor1
		2 33
		44
		5 = excellent5
		Not applicable6
	[IF THE ANSWER TO QUESTION 179 IS 6, THE	N SKIP TO QUESTION 181]
Q.180	And overall, how important is it to manage water	quality impacts on water supply?
Q. 100	The overall, non important to it to manage trater.	
		1 = not at all important1 22
		33
		44
		5 = extremely important5
Q.181	In the short term, how would you rate your ability augmentation water?	to find reliable/sustainable
	augmentation water:	1 = poor1
		1 = poor
		3 44
		5 = excellent5
		Not applicable6
	[IF THE ANSWER TO QUESTION 181 IS 6, THE	N SKIP TO QUESTION 183]
Q.182	And overall, how important is that ability?	
		1 = not at all important1
		22 33
		44
		5 = extremely important5

Q.183	How would you rate that ability in the long-term? (FYI: ability to fine reliable/sustainable augmentation water)	d
		1 = poor1 22 33 44 5 = excellent5 Not applicable6
	[IF THE ANSWER TO QUESTION 183 IS 6, THEN SKIP TO QUESTION	l 185]
Q.184	And overall, how important is it to find reliable/sustainable augmenta	tion water?
	2 3 4	ot at all important1234 xtremely important5
Q.185	In the short term, how would you rate your ability to implement future agreements to manage drought?	e cooperative
		1 = poor1 22 33 44 5 = excellent5 Not applicable6
	[IF THE ANSWER TO QUESTION 185 IS 6, THEN SKIP TO QUESTION	l 187]
Q.186	And overall, how important is that ability?	ot at all important 4
	2 3 4	not at all important1
Q.187	How would you rate that ability in the long-term? (FYI: ability to improperative agreements to manage drought)	plement future
		1 = poor1 22 33 44 5 = excellent5 Not applicable6

[IF THE ANSWER TO QUESTION 187 IS 6, THEN SKIP TO QUESTION 189]

Q.188	.188 And overall, how important is it to implement future cooperative agreements to manage drought?	
		1 = not at all important1
		22 33
		44
		5 = extremely important5
Q.189	In the short term, how would you rate your ability to implement	water reuse programs?
		1 = poor1
		22 33
		34
		5 = excellent5
		Not applicable 6
	[IF THE ANSWER TO QUESTION 189 IS 6, THEN SKIP TO QUE	STION 191]
Q.190	And overall, how important is that ability?	
		4 mat at all immentant 4
		1 = not at all important1 22
		33
		44 5 = extremely important5
		o = extremely importanto
Q.191	How would you rate that ability in the long-term? (FYI: implent programs)	nent water reuse
	programo,	1 = poor1
		22
		3
		5 = excellent5
		Not applicable6
	[IF THE ANSWER TO QUESTION 191 IS 6, THEN SKIP TO QUE	STION 193]
Q.192	And overall, how important is it to implement water reuse progr	ams?
		1 = not at all important1
		22
		3
		5 = extremely important5

Q.193	In the short term, how would you rate your ability to develop future water projects individually?		
		1 = poor1 22 33 44 5 = excellent5 Not applicable6	
•	[IF THE ANSWER TO QUESTION 193 IS 6, THEN SKIP TO QUESTION 195]		
Q.194		1 = not at all important1 2	
Q.195	5 How would you rate that ability in the long-term? (FYI: ability to develop future water projects individually)		
		1 = poor1 22 33 44 5 = excellent5 Not applicable6	
	[IF THE ANSWER TO QUESTION 195 IS 6, THEN SKIP TO QUES	TION 197]	
Q.196	And overall, how important is it to develop future water projects individually?		
		1 = not at all important1 2	
Q.197	In the short term, how would you rate your ability to develop future water projects in a cooperative effort?		
		1 = poor1 22 33 44 5 = excellent5 Not applicable6	

[IF THE ANSWER TO QUESTION 197 IS 6, THEN SKIP TO QUESTION 199]

Q.198	And overall, how important is that ability?	
	•	1 = not at all important1
		22
		33
		44
		5 = extremely important5
Q.199	How would you rate that ability in the long-term? (FYI: abil projects in a cooperative effort)	ity to develop future water
	projecto in a cooperative enerty	1 = poor1
		22
		3
		4
		5 = excellent5
		Not applicable6
		. 101 app.::000
	[IF THE ANSWER TO QUESTION 199 IS 6, THEN SKIP TO C	(UESTION 201)
Q.200	And overall, how important is it to develop future water projections.	ects in a cooperative effort?
		A met et ellissementent A
		1 = not at all important1
		2
		4
		o = extremely important :
Q.201	In the short term, how would you rate your ability to fund neinfrastructure projects?	eded water development or
	illiastructure projects:	1 - poor 1
		1 = poor1 22
		3
		4
		5 = excellent5
		Not applicable6
		Not applicable
	[IF THE ANSWER TO QUESTION 201 IS 6, THEN SKIP TO C	QUESTION 203]
Q.202	And overall, how important is that ability?	
	•	1 = not at all important1
		22
		33
		44
		5 = extremely important5

Q.203	How would you rate that ability in the long-term? (FYI: ability to fund development or infrastructure projects)	needed water
		1 = poor1 22 33 44 5 = excellent5 Not applicable6
	[IF THE ANSWER TO QUESTION 203 IS 6, THEN SKIP TO QUESTION	205]
Q.204	And overall, how important is it to fund needed water development or 0rojects?	infrastructure
	1 = no 2 3 4	at at all important1
Q.205	In the short term, how would you rate your ability to fund water supply maintenance and repair?	/ infrastructure
		1 = poor1 22 33 44 5 = excellent5 Not applicable6
	[IF THE ANSWER TO QUESTION 205 IS 6, THEN SKIP TO QUESTION	207]
Q.206	2 3 4	ot at all important1
Q.207	How would you rate that ability in the long-term? (FYI: ability to fund infrastructure maintenance and repair)	water supply
		1 = poor1 22 33 44 5 = excellent5 Not applicable6

[IF THE ANSWER TO QUESTION 207 IS 6, THEN SKIP TO QUESTION 209]

Q.208	And overall, how important is it to fund water supply infrastructure maintenance and repair?		
	repail :	1 = not at all important1	
		22	
		3	
		5 = extremely important5	
Q.209	In the short term, how would you rate your ability to retain existitime (e.g., versus development pressure to switch ag rights to retain existing time).		
		1 = poor1	
		22	
		33	
		44	
		5 = excellent5	
		Not applicable6	
	[IF THE ANSWER TO QUESTION 209 IS 6, THEN SKIP TO QUESTION 200	STION 211]	
O 210	And overall, how important is that ability?		
Q.210	Titla overall, now important is that ability:	1 = not at all important1	
		22	
		33	
		44	
		5 = extremely important5	
Q.211	How would you rate that ability in the long-term? (FYI: ability to rights over time)	o retain existing water	
	3,	1 = poor1	
		22	
		33	
		44	
		5 = excellent5	
		Not applicable6	
	[IF THE ANSWER TO QUESTION 211 IS 6, THEN SKIP TO QUE	STION 213]	
O 212	And overall, how important is it to retain existing water rights ov	or time (e.g. versus	
Q.212	And overall, how important is it to retain existing water rights ov development pressure to switch ag rights to municipal rights)?	er time (e.g., versus	
		1 = not at all important1	
		22	
		3	
		44	
		5 = extremely important5	

Q.213	In the short term, how would you rate your ability to implement conjunctive use programs?	
		1 = poor1 22 33 44 5 = excellent5 Not applicable6
	[IF THE ANSWER TO QUESTION 213 IS 6, THEN SKIP TO QUES	TION 215]
Q.214	And overall, how important is that ability?	
		1 = not at all important1 2
Q.215	How would you rate that ability in the long-term? (FYI: ability to conjunctive use programs)	o implement
	conjunctive dee preglame)	1 = poor
	[IF THE ANSWER TO QUESTION 215 IS 6, THEN SKIP TO QUES	TION 217]
Q.216	And overall, how important is it to implement conjunctive use pro	ograms?
		1 = not at all important1 2
Q.217	In the short term, how would you rate your ability to meet environ requirements?	nmental permitting
		1 = poor1 22 33 44 5 = excellent5 Not applicable6

[IF THE ANSWER TO QUESTION 217 IS 6, THEN SKIP TO QUESTION 219]

Q.218	And overall, how important is that ability?	
	, ,	1 = not at all important1
		2
		44
		5 = extremely important5
O 210	How would you rate that ability in the long-term? (FYI: ability to	n meet environmental
Q.Z13	permitting requirements)	The Ct Chimolinichtai
	,	1 = poor1
		22
		34
		5 = excellent5
		Not applicable6
	[IF THE ANSWER TO QUESTION 219 IS 6, THEN SKIP TO QUES	STION 221]
Q.220	And overall, how important is it to meet environmental permitting	g requirements?
		1 = not at all important1
		22
		34
		5 = extremely important5
Q.221	In the short term, how would you rate your ability to offset increasing growth thru water conservation programs?	ased demand of future
	growth that water conservation programs:	1 = poor1
		22
		33
		44 5 = excellent5
		Not applicable6
	[IF THE ANSWER TO QUESTION 221 IS 6, THEN SKIP TO QUES	STION 223]
Q.222	And overall, how important is that ability?	
		1 = not at all important1
		22 33
		44
		5 = extremely important5

Q.223 How would you rate that ability in the long-term? (FYI: ability to offset demand of future growth thru water conservation programs)		o offset increased
		1 = poor1 22 33 44
		5 = excellent5 Not applicable6
	[IF THE ANSWER TO QUESTION 223 IS 6, THEN SKIP TO QUE	STION 225]
Q.224	And overall, how important is it to offset increased demand of furwater conservation programs?	uture growth thru
		1 = not at all important1
		2
		44
		5 = extremely important5
Q.225	In the short term, how would you rate your ability to offset incre- growth thru ag land conversion programs?	ased demand of future
		1 = poor1
		22 33
		44
		5 = excellent5 Not applicable6
	[IF THE ANSWER TO QUESTION 225 IS 6, THEN SKIP TO QUESTION 25 IS 6, THEN S	STION 227]
Q.226	And overall, how important is that ability?	
		1 = not at all important1
		22 33
		44
		5 = extremely important5
Q.227	How would you rate that ability in the long-term? (FYI: ability to demand of future growth thru ag land conversion programs)	to offset increased
		1 = poor1
		22 33
		34
		5 = excellent5
		Not applicable6

[IF THE ANSWER TO QUESTION 227 IS 6, THEN SKIP TO QUESTION 229]

	And overall, how important is it to offset increased dema onversion programs?	and of future growth thru ag
iana o	onversion programs:	1 = not at all important1 2
Q.229	Next, please identify your current need for the following manage periods of low water availability, using the 5-poi all and 5 is an extreme or urgent need.	• • • • • • • • • • • • • • • • • • • •
Q.230	Structural improvements or upgrades to meet dam safet	y requirements
		1= no need at all
Q.231	Dredging existing reservoirs	1= no need at all
Q.232	Install and use water meters	1= no need at all
Q.233	Lining of ditches	1= no need at all

Q.234	New or deepened wells	
	•	1= no need at all
		44
		5 = extreme or urgent need5
		Not applicable6
Q.235	New or improved aquifer storage recovery/conj recharge	unctive use programs/ groundwater
	recharge	1= no need at all1
		22
		33
		44
		5 = extreme or urgent need5
		Not applicable6
O 236	New raw water treatment facilities	
Q.200	New Year Water treatment labilities	1= no need at all1
		22
		33
		44
		5 = extreme or urgent need5
		Not applicable6
O 237	New storage for groundwater	
Q.201	Then elerage for ground nater	1= no need at all1
		22
		33
		44
		5 = extreme or urgent need5
		Not applicable6
Q.238	New storage for surface water	
ασ	The state of the s	1= no need at all1
		22
		33
		44
		5 = extreme or urgent need5
		Not applicable6
Q.239	New or upgraded pump stations	
	10 1 1	1= no need at all1
		22
		33
		44
		5 = extreme or urgent need5
		Not applicable6

Q.240	New or upgraded pipelines	
		1= no need at all1
		22
		33
		44 5 = extreme or urgent need5
		Not applicable6
		Not applicable
0.044	Name and an all advisation distributions as at a sec-	
Q.241	New or upgraded water distribution systems	1= no need at all1
		22
		33
		44
		5 = extreme or urgent need5
		Not applicable6
Q.242	Rehabilitation or new diversion structures	
		1= no need at all1
		22
		33
		44 5 = extreme or urgent need5
		Not applicable6
		Not applicable
O 243	Water reuse projects	
Q.2 7 0	Water rease projects	1= no need at all1
		22
		33
		44
		5 = extreme or urgent need5
		Not applicable6
0.044	lead a second who we atombe to AFVIII was additioned two as the stability was	ata da a antra l
Q.244	Implement phreatophyte (FYI: weed type trees that drink w	ater) control
		1= no need at all1
		22
		33
		44
		5 = extreme or urgent need5
		Not applicable6
Q.245	Large scale and/or multi-basin cooperative projects	
		1= no need at all1
		22
		3
		5 = extreme or urgent need5
		Not applicable6

Q.246	Forest management	1= no need at all
Q.247	Is there some other structural project needed that I didn't men	ntion? Yes 1
	[IF THE ANSWER IS 2, THEN SKIP TO QUESTION 2	No2
Q.248	RECORD STRUCTURAL PROJECT	
Q.249	And how would you rate your need for that using the same 5-	point scale?
		1 = no need at all1 22 33 44 5 = extreme need5
Q.250	Do you believe that the State should be involved in the struct mentioned?	ural projects that were just
		Yes1 No2 Don't know3
	[IF THE ANSWER TO QUESTION 248 IS 2, THEN SKIP TO QU	JESTION 271]
Q.251	Which of the following items could the State be of assistance no to each one.	? Please answer yes or
Q.252	Structural improvements or upgrades to meet dam safety req	uirements
		Yes1 No 2
Q.253	Dredging existing reservoirs	Yes1 No2

Q.254	Install and use water meters	Yes1 No 2
Q.255	Lining of ditches	Yes1 No 2
Q.256	New or deepened wells	Yes1 No 2
Q.257	New or improved aquifer storage recovery/conjunctive use programs /groundwat recharge	er Yes1 No 2
Q.258	And should the State be involved in new raw water treatment facilities	Yes1
Q.259	New storage for groundwater	No 2 Yes1
Q.260	New storage for surface water	No 2 Yes1 No 2
Q.261	New or upgraded pump stations	Yes1 No 2
Q.262	New or upgraded pipelines	Yes1 No 2
Q.263	New or upgraded water distribution systems	Yes1 No 2

Q.264	Rehabilitation or new diversion structures	Yes1 No 2
Q.265	Water reuse projects	Yes1 No 2
Q.266	Implement phreatophyte (fyi: weed type trees that drink water) control	
		Yes1 No 2
Q.267	Large scale and/or multi-basin cooperative projects	Yes1 No 2
Q.268	Forest management	Yes1 No 2
Q.269	Is there some other structural project needed that I didn't mention?	Yes1 No 2
	[IF THE ANSWER TO QUESTION 269 IS 2, THEN SKIP TO QUESTION 271]	
Q.270	Other structural project for which State could assist	

Q.271 Assume that you had a budget of **5 water dollars** to be used to support structural projects that we have just described. Using even \$1 dollar increments, please tell me in which areas would you spend the budget?

You may spend in even dollar increments only --in other words, you cannot spend 50 cents. However, you can spend all 5 in one spot if desired. And we need to spend all 5 dollars.

[ANSWER MUST TOTAL 5]

	[ANSWER MOST TOTAL 3]	
	Structural upgrades to meet Dam Safety requirements Dredging existing Reservoirs Install water use meters Lining of ditches New or deepened Wells Aquifer storage recovery/conjunctive/groundwater recharge New raw water treatment facilities New storage for groundwater New or upgraded pump stations New or upgraded pipelines New or upgraded water distribution systems Rehabilitation or new diversion structures Water reuse projects Implement phreatophyte control (weed-type-trees that drink I Large scale &/or multi-basin cooperative projects Forest management OTHER AREA NOT MENTIONED	
Q.272	PRESS ENTER/ LEAVE BLANK <i>UNLESS</i> PERSON CHOSE OTH	ER.
Q.273 Now, please identify your current need for the following types of non-struto manage drought, using the same 5-point scale, where 1 is no need at extreme or urgent need. Improved education & awareness of the Public with respect to wate supply, and water supply planning?		eed at all and 5 is
	2 3 4 5 = e>	need at all

Q.274	Improved or enhanced water conservation methods (municipal	or agricultural)
		1= no need at all
Q.275	Improved or enhanced water conservation measurement method	ods
		1= no need at all
Q.276	Technical support in master planning for future water supply &	demand
		1= no need at all
Q.277	Technical support in drought & conservation planning (hydrolog studies)	gic studies, water rights
		1= no need at all

Q.278 Now, please use the same scale to rate the use of cooperative agreements for each of the following on a 5-point scale, with 1 being no need at all to 5 being an extreme or urgent need.

	1=low	2	3	4	5=high
Exchanges	1	2	3	4	5
Transfers	1	2	3	4	5
Substitute Water Supply Plans	1	2	3	4	5
Interruptible Supplies	1	2	3	4	5
Dry Year Leases	1	2	3	4	5
Other Leases	1	2	3	4	5
Operating Agreements	1	2	3	4	5
Water Banking	1	2	3	4	5
Water Conservation Easement	1	2	3	4	5

Q.279	Are there any	other c	cooperative	agreements	that I	didn't	mention?
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Yes ..1 No ... 2

[IF THE ANSWER TO QUESTION 279 IS 2, THEN SKIP TO QUESTION 281]

Q.280 What is that cooperative agreement?

Q.281 And how would you rate your need for the financing of large scale or multi-basin cooperative projects, using the same 5-point scale?

1 = no need at all	1
2	2
3	3
4	4
5 = extreme or urgent need	5
Not applicable	6

Q.282	What about your need for better availability of loans to your organization for:
	(Using the same 5-point scale, where 1 is no need at all & 5 is an extreme or urgent need.)

	1=low	2	3	4	5=high
Project evaluations/ feasibility studies	1	2	3	4	5
Planning	1	2	3	4	5
Capital projects	1	2	3	4	5

Q.283 Is there some other loan use that I didn't ment	ntio	me	't	didn	that I	use	loan	other	some	there	283 Is	O
---	------	----	----	------	--------	-----	------	-------	------	-------	--------	---

Yes ..1 No ... 2

[IF THE ANSWER TO QUESTION 283 IS 2, THEN SKIP TO QUESTION 285]

Q.284 What is that?

Q.285 How do you rate your need for that using the 5-point scale?

1 = no need at all	1
2	2
3	3
4	4
5 = extreme or urgent need.	5

Q.286 Do you believe that the State should be involved in the non-structural projects that were just mentioned?

Yes		1
No		2
Not	sure	3

[IF THE ANSWER IS 2, THEN SKIP TO QUESTION 297]

Q.287 Which of the following items could the State be of assistance? Please answer yes or no to each one.

Q.288	Improve education of and awareness of the community with respect to water, water supply, & water supply planning	er
		Yes1 No2
Q.289	Improved or enhanced water conservation methods (municipal or agricultural)	
		Yes1 No2
Q.290		Yes1 No2
Q.291		Yes1 No2
Q.292	Technical support in drought and conservation planning (hydrologic studies, water rights studies)	r
O 202		Yes1 No2
Q.293	Should the State be involved in the use of cooperative agreements for:	
	Yes No	

	Yes	No
Exchanges	1	2
Transfers	1	2
Substitute Water Supply Plans	1	2
Interruptible Supplies	1	2
Dry Year Leases	1	2
Other Leases	1	2
Operating Agreements	1	2
Water Banking	1	2
Water Conservation Easement	1	2

Q.294 Is their some other use that I didn't mention?

Q.295 Should the State be of assistance with better availability of loans to your organization for:

	Yes	No
Project evaluations/ feasibility studies	1	2
Planning	1	2
Capital projects	1	2

Q.296 Is there some other loan use that I didn't mention?

agree with the following statements on the 5-point scale disagree and 5 means that you strongly agree.	e where 1 indicates that you strongly
The State should own water projects.	1 = strongly disagree2 2
Q.298 The State should perform statewide water plann	ning
	1 = strongly disagree1 2
Q.299 The State should enforce the Water Metering Ad	ct
	1 = strongly disagree1 2
Q.300 The State should enforce the Water Conservation	on Act
	1 = strongly disagree 1 2
Q.301 The State should develop State/Federal partner projects	ships for management of Federal
	1 = strongly disagree1 2

Q.297 We would like to know to what extent you believe the State should be involved in water projects to manage drought in periods of low water supply. Please indicate how much you

Q.302	The State should provide regulatory matters, and le		cooperativ	e relations	nips with	respect to fina	ncing,
					:	1 = strongly disag 2 3 4 5 = strongly agree	2 3 4
comm	Using the 5-scale, who unications received regarding entities.	•			•		
		1=poor	2	3	4	5=excellent	DK
Colorad	lo Water Conservation Board	1	2	3	4	5	6
Govern	or's Office	1	2	3	4	5	6
Dept of	Natural Resources	1	2	3	4	5	6
Executiv	ve Director of the DNR	1	2	3	4	5	6
State E	ngineers Office	1	2	3	4	5	6
Federal	Government overall	1	2	3	4	5	6
State G	overnment overall	1	2	3	4	5	6
Q.304	The last part of the surve & suppliers. First, were y Improvements?	•			•		users
	improvements:						Yes1 No2
Q.305	And how attractive (is the all attractive and 5 is extr			ou, on the	5-point so	cale where 1 is	not at
					2	not at all attracti	2

[IF THE ANSWER TO QUESTION 304 IS 2, THEN SKIP TO QUESTION 308]

5 = extremely attractive . ..5

Q.306	Have you ever used this CWCB service? Yes 1 No2
	[IF THE ANSWER TO QUESTION 306 IS 2, THEN SKIP TO QUESTION 308]
Q.307	And how would you rate that program on the 5-point scale, where 1 is poor and 5 is excellent?
	1 = poor1 22 33 44 5 = excellent5
Q.308	Were you aware that CWCB offers grants for feasibility studies? Yes1 No2
Q.309	And how attractive (is that) (would that be) to you, on the 5-point scale where 1 is not at all attractive and 5 is extremely attractive? 1 = not at all attractive1 2
	[IF THE ANSWER TO QUESTION 308 IS 2, THEN SKIP TO QUESTION 312]
Q.310	Have you ever used this CWCB service? Yes1
	[IF THE ANSWER TO QUESTION 310 IS 21, THEN SKIP TO QUESTION 312]
Q.311	And how would you rate that program on the 5-point scale, where 1 is poor and 5 is excellent?
	1 = poor

Q.312	The next series of questions are all related to CWCB technical assistance with particular issues. I am going to address a few issues individually. Were you aware that CWCB provides assistance with biological opinions, and wildlife and habitat assessments?
	Yes 1 No 2
Q.313	And how attractive (is that) (would that be) to you, on the 5-point scale where 1 is not at all attractive and 5 is extremely attractive?
	1 = not at all attractive ,1 2
	[IF THE ANSWER TO QUESTION 312 IS 2, THEN SKIP TO QUESTION 316]
Q.314	Have you ever used this CWCB service? Yes1 No 2
	[IF THE ANSWER TO QUESTION 314 IS 2, THEN SKIP TO QUESTION 316]
Q.315	And how would you rate the assistance on the 5-point scale, where 1 is poor and 5 is excellent?
	1 = poor ,1 22 33 44 5 = excellent5
Q.316	Were you aware that CWCB provides assistance with compact issues? Yes 1 No 2
Q.317	And how attractive (is that) (would that be) to you, on the 5-point scale where 1 is not at all attractive and 5 is extremely attractive?
	1 = not at all attractive,1 2

[IF THE ANSWER TO QUESTION 316 IS 2, THEN SKIP TO QUESTION 320]

	res1 No2
[IF THE ANSWER TO QUESTION 318 IS 2, THEN SKIP TO QUESTION 320]	
Q.319 And how would you rate the assistance on the 5-point scale, where 1 is poor and 5 is excellent?	5 is
1 = poor , 2	2 3
	es 1 No 2
Q.321 And how attractive (is that) (would that be) to you, on the 5-point scale where 1 is not all attractive and 5 is extremely attractive?	not at
1 = not at all attractive , 2	2 3 4
[IF THE ANSWER TO QUESTION 320 IS 2, THEN SKIP TO QUESTION 324]	
	∕es1 No2
[IF THE ANSWER TO QUESTION 322 IS 2, THEN SKIP TO QUESTION 324]	
Q.323 And how would you rate the assistance on the 5-point scale, where 1 is poor and 5 is excellent?	ō is
1 = poor ,, 2	2 3

Q.324	Were you aware that CWCB provides assistance with dam safe	ty? Yes1 No2
Q.325	And how attractive (is that) (would that be) to you, on the 5-poin all attractive and 5 is extremely attractive?	t scale where 1 is not at 1 = not at all attractive,1
		2
	[IF THE ANSWER TO QUESTION 324 IS 2, THEN SKIP TO QUES	STION 328]
Q.326	Have you ever used this CWCB service?	Yes1 No2
	[IF THE ANSWER TO QUESTION 326 IS 2, THEN SKIP TO QUES	STION 328]
Q.327	And how would you rate the assistance on the 5-point scale, wheexcellent?	ere 1 is poor and 5 is
	executive:	1 = poor1 22 33 44 5 = excellent5
Q.328	Were you aware that CWCB provides assistance with drought p	olanning? Yes1 No2
Q.329	And how attractive (is that) (would that be) to you, on the 5-poin all attractive and 5 is extremely attractive?	t scale where 1 is not at
		1 = not at all attractive1 2

[IF THE ANSWER TO QUESTION 328 IS 2, THEN SKIP TO QUESTION 332]

Q.330	Have you ever used this CWCB service? Yes 1 No2
	[IF THE ANSWER TO QUESTION 330 IS 2, THEN SKIP TO QUESTION 332]
Q.331	And how would you rate the assistance on the 5-point scale, where 1 is poor and 5 is
	excellent? 1 = poor1 22 33 44 5 = excellent5
Q.332	Were you aware that CWCB provides assistance with flood studies and evaluations? Yes 1 No2
Q.333	And how attractive (is that) (would that be) to you, on the 5-point scale where 1 is not at all attractive and 5 is extremely attractive?
	1 = not at all attractive1 2
	[IF THE ANSWER TO QUESTION 332 IS 2, THEN SKIP TO QUESTION 336]
Q.334	Have you ever used this CWCB service? Yes 1 No 2
	[IF THE ANSWER TO QUESTION 334 IS 2, THEN SKIP TO QUESTION 336]
Q.335	And how would you rate the assistance on the 5-point scale, where 1 is poor and 5 is excellent?
	1 = poor1 22 33 44 5 = excellent5

Q.336	Were you aware that CWCB provides assistance with interpretation of water law?
	Yes1 No 2
Q.337	And how attractive (is that) (would that be) to you, on the 5-point scale where 1 is not at all attractive and 5 is extremely attractive?
	1 = not at all attractive1
	22 33
	44 5 = extremely attractive5
	[IF THE ANSWER TO QUESTION 336 IS 2, THEN SKIP TO QUESTION 340]
Q.338	Have you ever used this CWCB service? Yes1
	No 2
	[IF THE ANSWER TO QUESTION 338 IS 2, THEN SKIP TO QUESTION 340]
Q.339	And how would you rate the assistance on the 5-point scale, where 1 is poor and 5 is excellent?
	1 = poor1
	2 33
	44 5 = excellent5
Q.340	Were you aware that CWCB provides assistance with instream flow protection programs?
	Yes1 No 2
Q.341	And how attractive (is that) (would that be) to you, on the 5-point scale where 1 is not at all attractive and 5 is extremely attractive?
	1 = not at all attractive1
	2
	4
	5 - Childhely attractive5

	No	
	[IF THE ANSWER TO QUESTION 342 IS 2, THEN SKIP TO QUESTION 344]	
Q.343	And how would you rate the assistance on the 5-point scale, where 1 is poor and 5 is excellent?	
	1 = poor	.2
Q.344	Were you aware that CWCB provides assistance with maintaining natural lake levels?	
	Yes No	
Q.345	And how attractive (is that) (would that be) to you, on the 5-point scale where 1 is not a all attractive and 5 is extremely attractive?	ıt
	1 = not at all attractive 2	.2 .3 .4
	[IF THE ANSWER TO QUESTION 344 IS 2, THEN SKIP TO QUESTION 348]	
Q.346	Have you ever used this CWCB service? Yes No	
	[IF THE ANSWER TO QUESTION 346 IS 2, THEN SKIP TO QUESTION 348]	
Q.347	And how would you rate the assistance on the 5-point scale, where 1 is poor and 5 is excellent?	
	1 = poor	.2 .3 .4

Q.342 Have you ever used this CWCB service?

Were you aware that CWCB provides assistance with project feasibility studies?	Q.348
Yes1 No 2	
And how attractive (is that) (would that be) to you, on the 5-point scale where 1 is not at all attractive and 5 is extremely attractive?	Q.349
1 = not at all attractive1 2	
[IF THE ANSWER TO QUESTION 348 IS 2, THEN SKIP TO QUESTION 352]	
Have you ever used this CWCB service? Yes1 No 2	Q.350
[IF THE ANSWER TO QUESTION 350 IS 2, THEN SKIP TO QUESTION 352]	
And how would you rate the assistance on the 5-point scale, where 1 is poor and 5 is excellent?	Q.351
1 = poor1 22 33 44 5 = excellent5	
Were you aware that CWCB provides assistance with fiver and ecosystem restoration?	Q.352
Yes1 No 2	
And how attractive (is that) (would that be) to you, on the 5-point scale where 1 is not at all attractive and 5 is extremely attractive?	Q.353
1 = not at all attractive1 2	

[IF THE ANSWER TO QUESTION 352 IS 2, THEN SKIP TO QUESTION 356]

Q.354	Have you ever used this CWCB service? Yes No	
	[IF THE ANSWER TO QUESTION 354 IS 2, THEN SKIP TO QUESTION 356]	
Q.355	And how would you rate the assistance on the 5-point scale, where 1 is poor and 5 is excellent? 1 = poor , 2	1 2 3
Q.356	Were you aware that CWCB provides assistance with stream and lake hydrology and hydraulics? Yes No	l 1
Q.357	And how attractive (is that) (would that be) to you, on the 5-point scale where 1 is not all attractive and 5 is extremely attractive? 1 = not at all attractive 2	1 2 3
	[IF THE ANSWER TO QUESTION 356 IS 2, THEN SKIP TO QUESTION 360]	
Q.358	Have you ever used this CWCB service? Yes No	
	[IF THE ANSWER TO QUESTION 358 IS 2, THEN SKIP TO QUESTION 360]	
Q.359 excelle	And how would you rate the assistance on the 5-point scale, where 1 is poor and 5 is	
GAUGIIC	1 = poor 2	2 3 4

Q.360	Were you aware that CWCB provides assistance with water conservation planning?
	Yes 1 No 2
Q.361	And how attractive (is that) (would that be) to you, on the 5-point scale where 1 is not at all attractive and 5 is extremely attractive? 1 = not at all attractive1 2
	5 = extremely attractive5 [IF THE ANSWER TO QUESTION 360 IS 2, THEN SKIP TO QUESTION 364]
Q.362	Have you ever used this CWCB service? Yes1 No 2
	[IF THE ANSWER TO QUESTION 362 IS 2, THEN SKIP TO QUESTION 364]
Q.363	And how would you rate the assistance on the 5-point scale, where 1 is poor and 5 is excellent? 1 = poor
Q.364	Were you aware that CWCB provides assistance with water systems sampling and monitoring? Yes1
Q.365	And how attractive (is that) (would that be) to you, on the 5-point scale where 1 is not at all attractive and 5 is extremely attractive? 1 = not at all attractive1 2

[IF THE ANSWER TO QUESTION 364 IS 2, THEN SKIP TO QUESTION 368]

Q.366	Have	you ever	used this	CWCB	service?
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Yes .. 1 No ... 2

[IF THE ANSWER TO QUESTION 366 IS 2, THEN SKIP TO QUESTION 368]

Q.367 And how would you rate the assistance on the 5-point scale, where 1 is poor and 5 is excellent?

1 = poor	1
2	2
3	3
4	
5 = excellent	F

Q.368 Finally, I'd like you rate several communication methods that the State might use to disseminate information to you regarding water & drought issues. Please rate each one on the 5-point scale, where 1 is poor and 5 is excellent for you personally.

	1=low	2	3	4	5=high
E-mail	1	2	3	4	5
Internet	1	2	3	4	5
Mail	1	2	3	4	5
Workshops/ Seminars	1	2	3	4	5
Attending CWCB Board Meetings	1	2	3	4	5
Phone Consultations	1	2	3	4	5
Face-to-Face	1	2	3	4	5
Media	1	2	3	4	5
Organizational Meetings	1	2	3	4	5

Q.369 Is there some other communication method that you would prefer that I didn't mention?

Yes .. 1 No ... 2

[IF THE ANSWER TO QUESTION 369 IS 2, THEN SKIP TO QUESTION 371] Q.370 OTHER COMMUNICATION METHOD

Q.371	Finally, please verify your first name:	
Q.372	Your Last Name:	
Q.373	Your Organization:	
Q.374	Your Title:	
Q.375	Your Basin:	
Q.376	Your Division: (NOTE: MORE THAN ONE CHOICE IS ACCEPTABLE.)	
		Division 11 Division 22 Division 33 Division 44 Division 55 Division 66 Division 77
Q.377	Your E-mail address:	
Q.378	Your telephone number:	
Q.379	And your fax number:	
Q.380	Your proper mailing address, including suite # if you have	e one:

Q.381	Your City:	
Q.382	Your zip code:	
Q.383	Your county:	
Q.384	That's the end. Thank you very much for your participation in the Colorado Drew Water Supply Assessment! The opinions of water users like you are invaluable planning for and managing future drought in Colorado. We anticipate having from this study posted on the CWCB website by the end of the year. As you know, there are some upcoming large-scale water projects and initiatives (if CRRP, SWSI, CWCB Technical Project assistance) that are going to be throughout the coming years to help address Colorado water concerns and nee encourage your participation in those studies to provide the State with informat your opinions. Thanks Again. Good-bye.	uable in results ou may f asked: studied ds. We
	RECORD ANY NOTES/COMMENTS HERE:	

Should you have questions about how to fill out this survey, please call 303-830-2345 or email info@re-search.com. If you have completed this survey & wish to mail it back to us, please return to: Resolution Research

Attn: Colorado Drought & Water Supply Assessment 625 E 16th Ave., Suite 202 Denver CO 80203-2052