

Inventor Ralph Parshall with early
Parshall Measuring Flume















HR PARKING

3 AM 10 6 PM

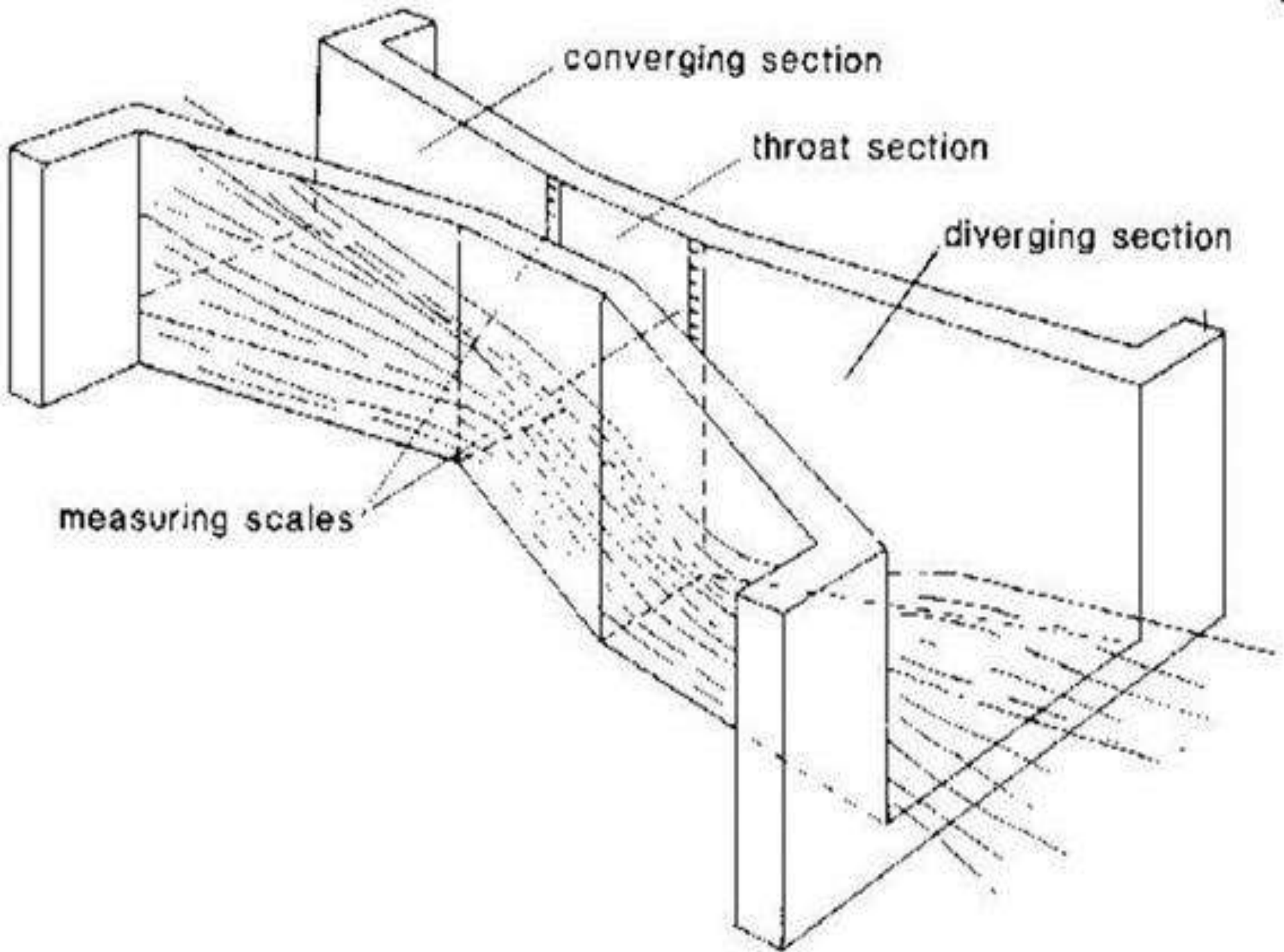
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Division 6 Water Resources

Erin Light, Division Engineer

Brian Romig, Water Commissioner

Andy Schaffner, Water Commissioner



Section 5, Article XVI of the Colorado **Constitution**

The water of every natural stream, not heretofore appropriated, within the state of Colorado, is hereby declared to be the property of the public, and the same is dedicated to the use of the people of the state, subject to appropriation as hereinafter provided.

CRS 37-92-103(3) and (4)

- (3) Appropriation is the application of a specified portion of the waters of the state to a beneficial use pursuant to the procedures prescribed by law.
- (4) Beneficial use is the use of that amount of water that is reasonable and appropriate under reasonably efficient practices to accomplish without waste the purpose for which the appropriation is lawfully made.

Prior Appropriation Doctrine

- Prior Appropriation Doctrine means those that put the water to use first are entitled to get their water first during periods of water shortage – first in time, first in right.
- An appropriation is made when an individual physically takes water from a stream (or underground aquifer) and places that water to some type of beneficial use. The first person to ever appropriate water and apply it to use has the first right to use that water within a particular stream system. This person (after receiving a court decree verifying their priority status) then becomes the senior water right holder on the stream, and that water right must be satisfied before any other water rights can be fulfilled.

CRS 37-92-103(10)

(10) Priority means the seniority by date as of which a water right is entitled to use water and the relative seniority of a water right in relation to other water rights deriving their supply of water from a common source.

Priority

- In order to establish a priority in the water rights administration system one must first appropriate water and then receive a court decree verifying their “priority status”.
- The priority of a water right is based on when the appropriation was first made and when an application was filed with the court for recognition of the appropriation.

Water Administration Number (aka Holt Number)

- The adjudication date, which now-a-days is the last day of the year in which an application is filed with the court, and the appropriation date are used in determining a water right's priority or its administration number.
- The administration number is used to prioritize water rights from senior to junior.
- The most senior water right is the water right with the lowest administration number.
- On the Yampa River, the most senior right has an administration number of 11616.00000 and is decreed to the Marshall Roberts Ditch and the Williams Irrigation Ditch.

Water Rights Administration

- The process of allocating water to various water users is referred to as "Water Rights Administration", and is the responsibility of the Division of Water Resources.

CRS 37-92-501

The state and division engineers shall administer, distribute, and regulate the waters of the state in accordance with the constitution of the State of Colorado; the provisions of Title 37, Article 92 of the Colorado Revised Statutes (Water Right Determination and Administration Act of 1969); and other applicable laws.

Example

Imagine a stream system with three water rights on it. The user with the earliest priority (lowest administration number) water right is for 2 cfs, the second priority water right is for 2 cfs, and the third priority water right is for 1 cfs of water. If the stream is carrying 5 cfs of water or more, all of the rights on this stream can be fulfilled. However, if the stream is carrying only 3 cfs of water the water right with the third priority will not receive any water, the second priority right will receive 1 cfs and the earliest priority right will receive its full 2 cfs.

What is a call?

- However in this example, the allocation of water to the earliest priority and second priority rights will only occur if a call is placed on the stream system by one of these two priority water right owners or users.
- A call can be placed by any water right owner or user when it is discovered that their water right is not being satisfied.

How does one place a call for their water right?

- In order to place a call (and more importantly for the water commissioner to honor a call) several requirements must be met:
 - The water diverted must be measured (i.e. there must be an **operable measuring device**) and the amount of water being diverted must be less than that amount decreed to the water right for which the call is being placed.
 - There must be a water tight dam at the point of diversion (unless there is reservoir water that must be delivered by the water commissioner past this point – in which case an **operable headgate is required**).
 - There must be junior water rights being diverted upstream to curtail.
 - The water right being called for must be applied to its decreed beneficial use and place of use.
 - The water diverted must be applied to beneficial use without waste.

Who can divert water when a call is in place?

- An owner or user of a senior water right to the one being called for whose structure is equipped with an **operable headgate and measuring device**.
- Once the call is satisfied by curtailing the most junior diversions (including undecreed diversions) and diversions by structures with no **operable headgate and/or measuring device** (regardless of the priority of the diversion), the next most senior rights, yet junior to the calling right may, continue to divert.

Do you see a theme?

In order to place a call and in order to divert water in priority when a call is in place, an owner or user of a water right must have an operable headgate and measuring device.

The Value of a Measuring Device

- The value of a measuring device goes far beyond water administration.
- With a suitable measuring device, accurate records of diversions being made under a water right can be obtained by both the water right owner or user and the water commissioner.
- Absent a measuring device the amount of water being diverted is a guess.
- How good is your guess at how much water is being diverted at any given time?
- How good is the water commissioner's?

CRS 37-84-112

The owners of any ditch, canal, flume or reservoir in this state, taking water from any stream shall erect where necessary and maintain in good repair, at the point of intake of such ditch, canal, flume or reservoir, a suitable and proper headgate AND suitable and proper measuring flumes, weirs and devices.

The Value of a Water Right

- The value of a water right is based on its beneficial use.
- Absent a measuring device that allows for accurate measurement of the diversion of a water right, the value of the water right is as good as your guess or the water commissioner's guess.
- Absent records of diversion of water under a water right, the water right has no value.

The Value of Record Keeping

- Each water commissioner in Division 6 has upwards of 200 active structures, if not more, that they must visit, ideally multiple times, in a season. When the water commissioners are administering calls their visits to structures on systems not on call are greatly reduced.
- In order to maintain the value of a water right, water right owners should maintain their own records.
- And because the Division of Water Resources' records are the official records, these records should be provided to the water commissioner and division engineer annually.

CRS 37-92-502(5)(a)

The state engineer and division engineers have the authority to order any owner or user of a water right to install and maintain at such owner's or user's expense necessary meters, gauges, or other measuring devices and to report at reasonable times to the appropriate division engineer the readings of such meters, gauges, or other measuring devices.

WATER MEASUREMENTS



WATER COMMISSIONERS IN THE FIELD

Water Commissioners in the State

COLORADO BASINS

District	District Name
36	Blue River Basin
37	Eagle River Basin
38	Roaring Fork River Basin
39	Rifle / Elk / Paradise Creeks
40	Divide Creek
41	Muddy / Troublesome Creeks
42	Upper Colorado / Fraser Rivers
43	Piney / Cottonwood Creeks
44	Tribe, North of Colorado River
45	Road Creek Basin
46	Lower Colorado River

COLORADO RIVER BASIN



GUNNISON RIVER BASIN



District	District Name
40	Tonolow Creek
41	North Fork / Tribe
42	Lower Uncompaghe River
43	Lower Gunnison River
44	East River Basin
45	San Miguel River Basin
46	Paradox Creek
47	Upper Gunnison River
48	Dolores River Basin
49	Upper Uncompaghe River
50	Little Dolores River



SAN JUAN / DOLORES RIVER BASIN



District	District Name
47	San Juan River Basin
48	Anasazi River Basin
49	Lee Poudre River Basin
50	McInnis Creek Basin
51	La Plata River Basin
52	Mancos River Basin
53	Naraja Reservoir
54	Disappointment Creek Basin
55	West Dolores Creek / Tribe
56	Naraja River Basin
57	Piedra River Basin

District	District Name
53	White River Basin
54	Lower Yampa River
55	North Platte River Basin
56	Stater / Timberlake Creeks
57	Little Snake River
58	Green River Basin
59	Middle Yampa River
60	Upper Yampa River

STATE OF COLORADO RIVER BASINS



YAMPA / WHITE RIVER BASIN

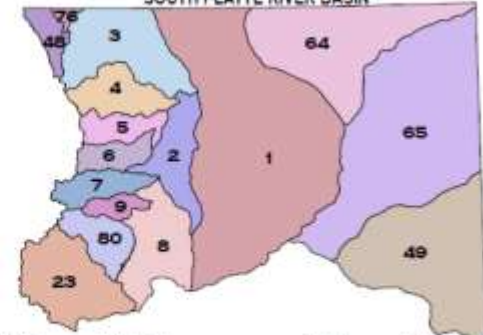


RIO GRANDE RIVER BASIN



District	District Name
20	Rio Grande
21	Alamosa La Jara
22	Conchos River
23	Coloza Creek
24	San Luis Creek
25	Saguache Creek
26	Carmen Creek
27	Trinchera Creek

SOUTH PLATTE RIVER BASIN



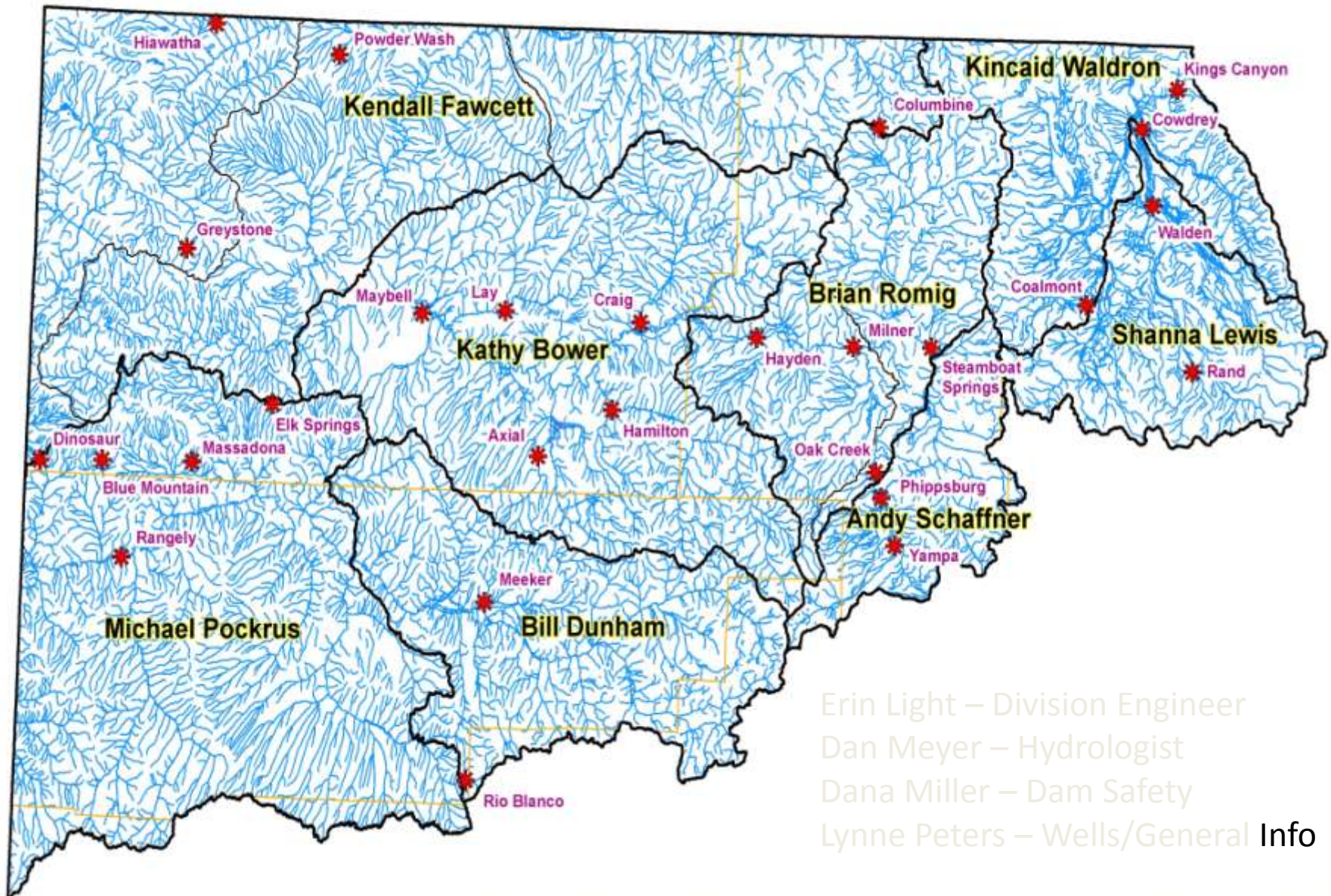
District	District Name	District	District Name
1	South Platte: Greeley to Balzac	9	Bear Creek
2	South Platte: Denver Gage to Greeley	23	Upper South Platte
3	Cache La Poudre River	48	Laramie River
4	Big Thompson River	49	Republican River
5	St. Vrain Creek	64	South Platte: Balzac to Stalene
6	Boulder Creek	65	Arkansas River
7	Clear Creek	76	Sand Creek
8	South Platte: Cheesman to Denver Gage	80	North Fork of South Platte

ARKANSAS RIVER BASIN



District	District Name	District	District Name
10	Fountain Creek	17	Arkansas: Fowler to Los Animas
11	Arkansas: Headwaters to Salida	18	Agnihapa River
12	Arkansas: Salida to Portland	19	Purgatoire River
13	West Mountain Valley	66	Cimarron River Basin
14	Arkansas: Portland to Fowler	67	Arkansas: Los Animas to Stalene
15	Saint Charles	78	Huerfano River
16	Cochran River		

DIVISION SIX



Erin Light – Division Engineer
Dan Meyer – Hydrologist
Dana Miller – Dam Safety
Lynne Peters – Wells/General Info

Water Commissioner Responsibilities

- Day to Day Administration
 - Setting the Call on the Stream Based on Supply and Demand
 - Assuring Diversions in Priority for Decreed Uses Without Waste
 - Assuring Diversions Are Measured/Data Recorded
 - Delivery of Augmentation and Other Water After Assessing Transit Losses
 - Operating Exchanges
 - Assuring Other Decree Conditions in Augmentation and Change Cases Are Complied With
 - Court Cases/Field Inspections
- Review of Accounting and Maintenance of Diversion Records

What Data Do Water Commissioners Collect and Measure?

- Ditches – a direct diversion from the stream
- Wells
- Reservoirs
- Springs/Seeps/Mines/Pipelines/Powerplants
- Measuring Points
- Minimum Flow Reaches/Reaches
- Recharge Areas
- Well Fields

Why do we collect measurements?

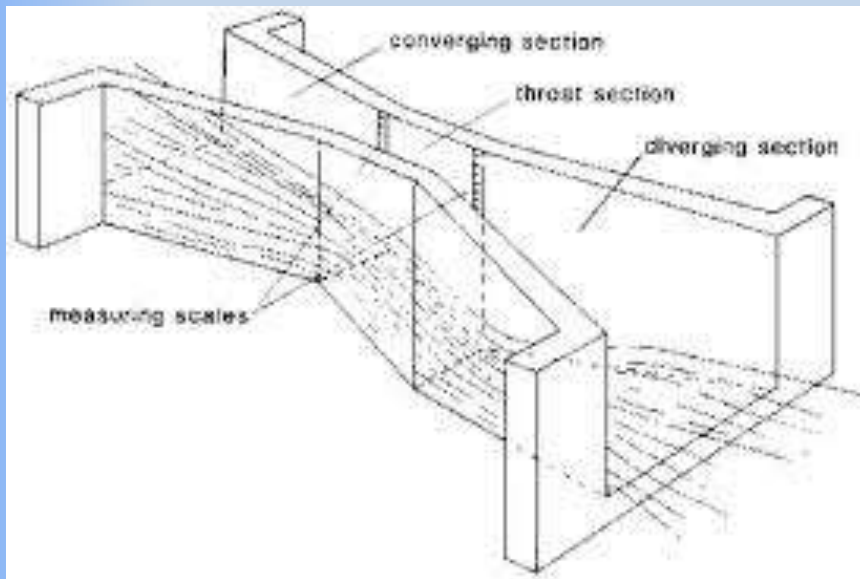
We are required by law to record water usage as best we can.

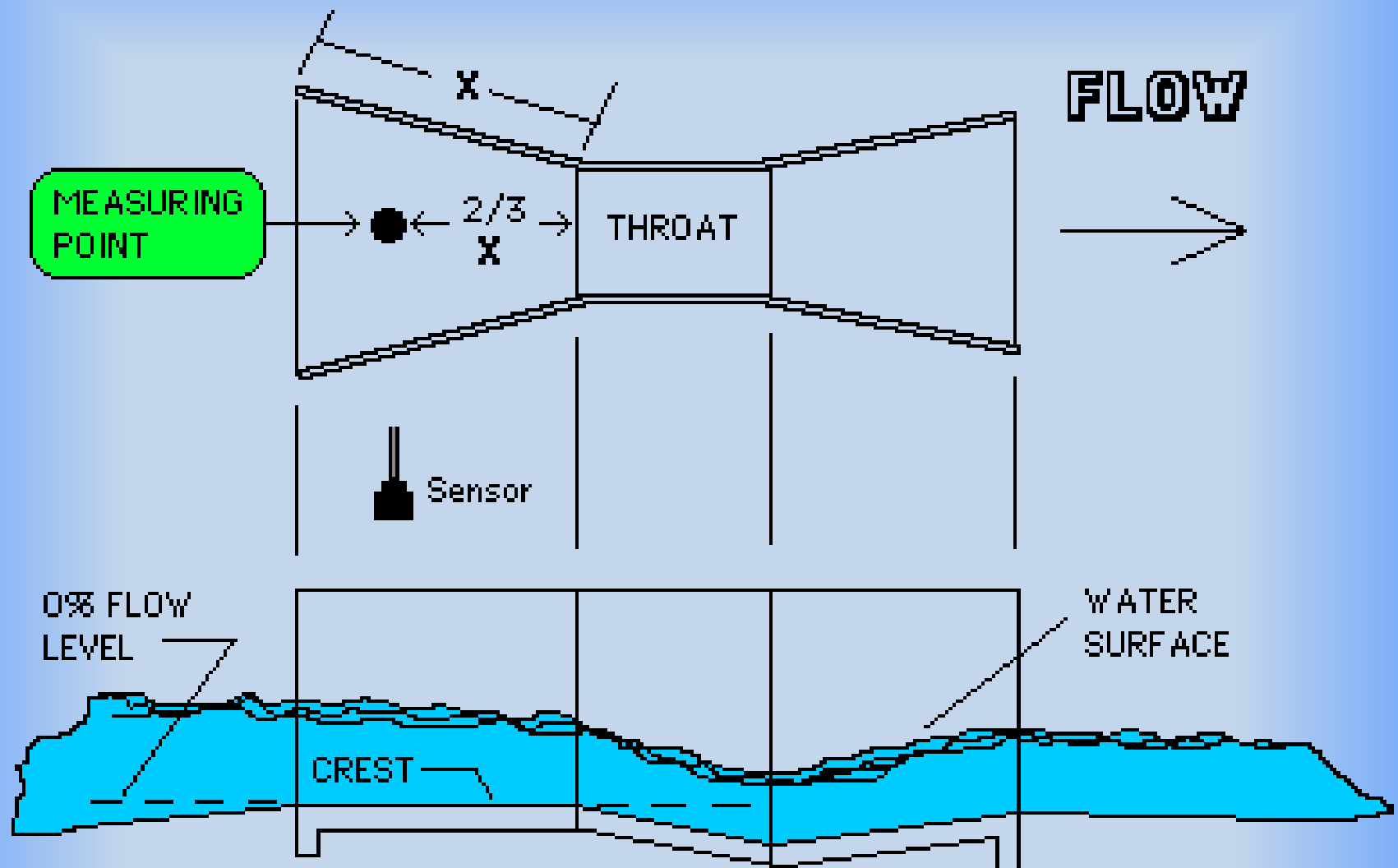
Your water right is only as valuable as what you use, measuring the water, helps determine that use.

For “call” type situations, you are limited to your decreed uses and water right amount.

Measuring Stream Diversions The Parshall Flume

The Parshall Measuring Flume





PARSHALL FLUME























































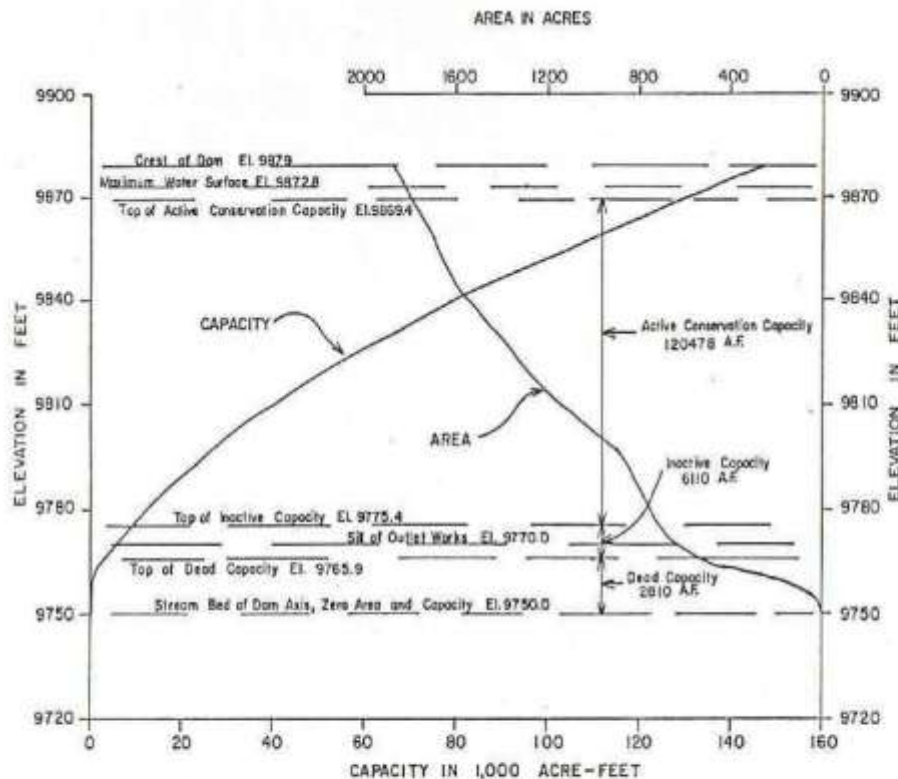






Measuring Storage in Reservoirs

Area Capacity Table for Reservoirs (Jurisdiction Dams Required)



ELEVATION (FEET)	AREA (ACRES)	CAPACITY (ACRE-FEET)
9750	0	0
9755	5	12
9760	202	530
9765	519	2,332
9765.9	542	2,810
9770	649	5,252
9775	705	8,637
9775.4	709	8,920
9780	756	12,290
9785	798	16,175
9790	834	20,255
9795	866	24,505
9800	947	29,037
9805	1,051	34,032
9810	1,140	39,510
9815	1,225	45,422
9820	1,286	51,700
9825	1,355	58,302
9830	1,417	65,322
9835	1,492	72,505
9840	1,551	80,112
9845	1,601	87,992
9850	1,645	96,107
9855	1,681	104,422
9860	1,718	112,920
9865	1,755	121,602
9869.4	1,789	129,398
9870	1,794	130,472
9872.0	1,816	135,525
9875	1,833	139,539
9879	1,876	146,960

NOTES

Data from U.S.B.R. Drawing Nos. 382-706-1017, 382-706-1018 and 382-706-1020; scale 1"=400'; topography by Air Photo Surveys Incorporated, Invitation No. D5-6005, Contract No. 14-C6-D-4921, Schedule I; and U.S.B.R. lake bottom soundings made January 29, 1964 to March 20, 1964.

Storage capacities indicated as available are for 1964 survey conditions of sediment and may ultimately be encroached upon by sediment accumulation.

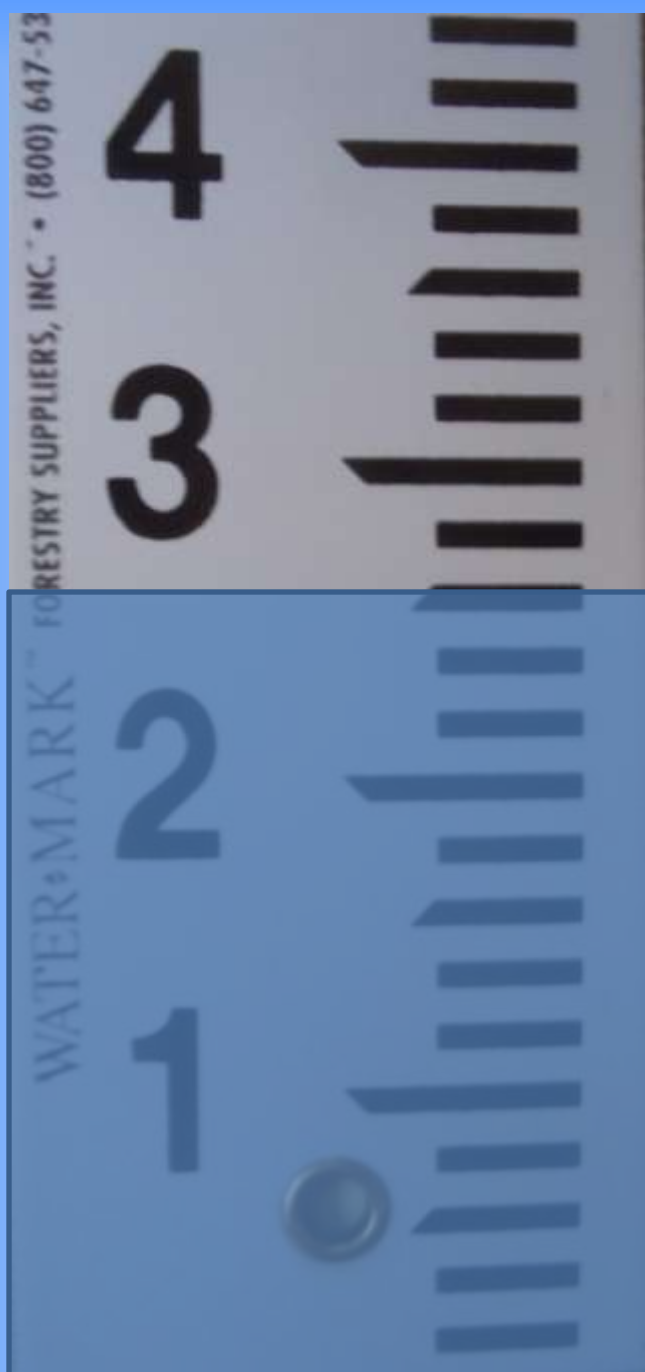
Original topography adjusted for dam location and borrow areas. Electronic computer compiled area and capacity data at one-foot intervals (from a smooth curve through all control points) by least squares method.

TURQUOISE LAKE
FRYINGPAN-ARKANSAS PROJECT



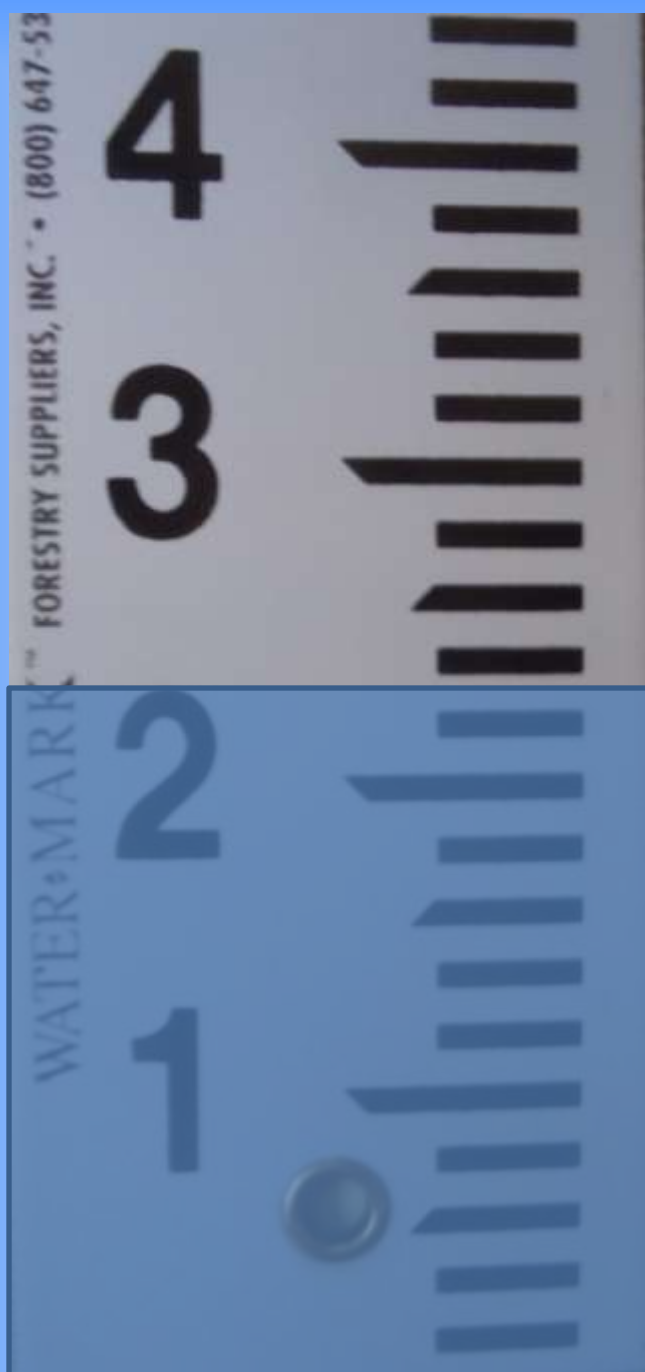
Flume Measurement	FLUME SIZE IN INCHES				
	3	6	9	12	18
0.00	0.000	0.000	0.000	0.000	0.000
0.01	0.001	0.001	0.003	0.004	0.005
0.02	0.002	0.004	0.008	0.010	0.015
0.03	0.004	0.008	0.014	0.019	0.027
0.04	0.007	0.013	0.022	0.030	0.042
0.05	0.010	0.018	0.031	0.042	0.060
0.06	0.013	0.024	0.041	0.055	0.079
0.07	0.016	0.031	0.052	0.070	0.100
0.08	0.020	0.038	0.064	0.086	0.123
0.09	0.024	0.046	0.077	0.102	0.148
0.10	0.028	0.054	0.091	0.120	0.174
0.11	0.033	0.063	0.105	0.139	0.201
0.12	0.037	0.072	0.120	0.159	0.230
0.13	0.042	0.082	0.135	0.179	0.260
0.14	0.047	0.092	0.152	0.201	0.292
0.15	0.053	0.103	0.168	0.223	0.324
0.16	0.058	0.114	0.186	0.246	0.358
0.17	0.064	0.125	0.204	0.270	0.393
0.18	0.070	0.137	0.223	0.294	0.429
0.19	0.076	0.149	0.242	0.319	0.466
0.20	0.082	0.162	0.262	0.345	0.505
0.21	0.089	0.175	0.282	0.372	0.544
0.22	0.095	0.188	0.303	0.399	0.584
0.23	0.102	0.202	0.324	0.427	0.626
0.24	0.109	0.216	0.346	0.456	0.668
0.25	0.116	0.230	0.368	0.485	0.711
0.26	0.123	0.245	0.391	0.515	0.756
0.27	0.131	0.260	0.414	0.545	0.801
0.28	0.138	0.276	0.438	0.576	0.847
0.29	0.146	0.291	0.462	0.608	0.894
0.30	0.154	0.307	0.487	0.640	0.942
0.31	0.162	0.324	0.512	0.673	0.990
0.32	0.170	0.340	0.537	0.706	1.040
0.33	0.179	0.357	0.563	0.740	1.090
0.34	0.187	0.375	0.589	0.774	1.142
0.35	0.196	0.392	0.616	0.809	1.194
0.36	0.204	0.410	0.643	0.845	1.246
0.37	0.213	0.428	0.671	0.881	1.300

June 2, 2013



Flume Measurement	FLUME SIZE IN INCHES				
	3	6	9	12	18
0.00	0.000	0.000	0.000	0.000	0.000
0.01	0.001	0.001	0.003	0.004	0.005
0.02	0.002	0.004	0.008	0.010	0.015
0.03	0.004	0.008	0.014	0.019	0.027
0.04	0.007	0.013	0.022	0.030	0.042
0.05	0.010	0.018	0.031	0.042	0.060
0.06	0.013	0.024	0.041	0.055	0.079
0.07	0.016	0.031	0.052	0.070	0.100
0.08	0.020	0.038	0.064	0.086	0.123
0.09	0.024	0.046	0.077	0.102	0.148
0.10	0.028	0.054	0.091	0.120	0.174
0.11	0.033	0.063	0.105	0.139	0.201
0.12	0.037	0.072	0.120	0.159	0.230
0.13	0.042	0.082	0.135	0.179	0.260
0.14	0.047	0.092	0.152	0.201	0.292
0.15	0.053	0.103	0.168	0.223	0.324
0.16	0.058	0.114	0.186	0.246	0.358
0.17	0.064	0.125	0.204	0.270	0.393
0.18	0.070	0.137	0.223	0.294	0.429
0.19	0.076	0.149	0.242	0.319	0.466
0.20	0.082	0.162	0.262	0.345	0.505
0.21	0.089	0.175	0.282	0.372	0.544
0.22	0.095	0.188	0.303	0.399	0.584
0.23	0.102	0.202	0.324	0.427	0.626
0.24	0.109	0.216	0.346	0.456	0.668
0.25	0.116	0.230	0.368	0.485	0.711
0.26	0.123	0.245	0.391	0.515	0.756
0.27	0.131	0.260	0.414	0.545	0.801
0.28	0.138	0.276	0.438	0.576	0.847
0.29	0.146	0.291	0.462	0.608	0.894
0.30	0.154	0.307	0.487	0.640	0.942
0.31	0.162	0.324	0.512	0.673	0.990
0.32	0.170	0.340	0.537	0.706	1.040
0.33	0.179	0.357	0.563	0.740	1.090
0.34	0.187	0.375	0.589	0.774	1.142
0.35	0.196	0.392	0.616	0.809	1.194
0.36	0.204	0.410	0.643	0.845	1.246
0.37	0.213	0.428	0.671	0.881	1.300

July 8, 2013



Flume Measurement	FLUME SIZE IN INCHES				
	3	6	9	12	18
0.00	0.000	0.000	0.000	0.000	0.000
0.01	0.001	0.001	0.003	0.004	0.005
0.02	0.002	0.004	0.008	0.010	0.015
0.03	0.004	0.008	0.014	0.019	0.027
0.04	0.007	0.013	0.022	0.030	0.042
0.05	0.010	0.018	0.031	0.042	0.060
0.06	0.013	0.024	0.041	0.055	0.079
0.07	0.016	0.031	0.052	0.070	0.100
0.08	0.020	0.038	0.064	0.086	0.123
0.09	0.024	0.046	0.077	0.102	0.148
0.10	0.028	0.054	0.091	0.120	0.174
0.11	0.033	0.063	0.105	0.139	0.201
0.12	0.037	0.072	0.120	0.159	0.230
0.13	0.042	0.082	0.135	0.179	0.260
0.14	0.047	0.092	0.152	0.201	0.292
0.15	0.053	0.103	0.168	0.223	0.324
0.16	0.058	0.114	0.186	0.246	0.358
0.17	0.064	0.125	0.204	0.270	0.393
0.18	0.070	0.137	0.223	0.294	
0.19	0.076	0.149	0.242	0.319	
0.20	0.082	0.162	0.262	0.345	
0.21	0.089	0.175	0.282	0.372	
0.22	0.095	0.188	0.303	0.399	0.584
0.23	0.102	0.202	0.324	0.427	0.626
0.24	0.109	0.216	0.346	0.456	0.668
0.25	0.116	0.230	0.368	0.485	0.711
0.26	0.123	0.245	0.391	0.515	0.756
0.27	0.131	0.260	0.414	0.545	0.801
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0.32	0.170	0.340	0.537	0.706	1.040
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0.34	0.187	0.375	0.589	0.774	1.142
0.35	0.196	0.392	0.616	0.809	1.194
0.36	0.204	0.410	0.643	0.845	1.246
0.37	0.213	0.428	0.671	0.881	1.300

.413

August 20, 2013

TRACKING PUMPS, WELLS, AND OTHER METER DEVICES

TRACKING RESERVOIR DATA

Examples of data that is vague but can be helpful, may or may not be entered depending on what other info I have on the structure

“I turned the ditch on June 2nd and shut it off July 5th and back on July 30th and shut off for good August 8th”

“I used my pond for cattle only and I have 30 head of cattle, my pond was dry by mid-August”

“Couldn’t get water into my ditch at all therefore I couldn’t use it this year”

Examples of data that will not be entered

“Same as last year”

“1 cfs for the entire irrigation season”

“Full ditch from spring til creek was dry”

“I used whatever my water right is”

“What should I put down? You’re the water commissioner you should know”

Water Commissioner

Data Entry

STATS

ADMINISTRATION OF A CALL

What is required to place a call?

Water Right

Operable Headgate

Ability to Sweep Entire Creek/Diversion Dam

Using Water for Decree Purposes Without Waste

Accurate Measuring Device

How Does the Commissioner Set a Valid Call for a Portion of the River?

- Determines river conditions (supply) from stream gaging stations and/or records
- Determines the demand (calls) by various water right holders – which structures are using the water for the decreed purposes
- Sets the valid call based on a comparison of river conditions (supply) and demand (calls) and knowledge of water gains or losses and water travel times between points on the river

Elk River – Seniority List

A16																
	C	D	H	J	K	M	N	O	Q	R	T	Y	AA	AD	AF	A
1	ID	WRNAME	WRSTRNAME	QQ	QQ	Sec	Twn	Rng	Use	Amt	ADJTYPE	ADMINNO	Case#	Alter_WDID	COMMENT	
2	907	TRULL DITCH	TRULL CK	SE	NE	30	7 N	85 W	1	1.66	O	12566.00000	09/22/1			
3	714	KELLER DITCH	ELK RIVER	SE	NW	17	8 N	85 W	1	2.66	O	13058.00000	09/22/1			
4	829	PRICE DITCH	ELK RIVER	SW	NE	6	6 N	85 W	1	3.75	O	13271.00000	09/22/1		ALT PT FOR	
5	1962	PRICE DITCH ALT PT	ELK RIVER	SW	SW	7	6 N	85 W	1	0.625	O,AP	13271.00000	01CW00	5800829	AP FOR PRICE	
6	623	EKHART DITCH	ELK RIVER	NE	SE	28	9 N	85 W	1	4.7	O	13284.00000	09/22/1		SIX AP FOR 2.0	
7	623	EKHART DITCH	ELK RIVER	NE	SE	28	9 N	85 W	1	2	O,TF	13284.00000	W1056-	5800623	CHANGE OF	
8	623	EKHART DITCH	ELK RIVER	NE	SE	28	9 N	85 W	01*	2	O,TT	13284.00000	W1056-	5800623	CHANGE OF	
9	2103	RED CREEK DIVERSION	RED CK	NW	NW	6	9 N	85 W	01*	2	O,AP	13284.00000	W1056	5800623	AP FOR	
10	2116	STEAMBOAT LAKE DIV AP#1	WILLOW CK	NE	SE	4	9 N	85 W	01*	2	O,AP	13284.00000	W1056	5800623	AP FOR	
11	1967	STEAMBOAT LAKE DIV AP#2	ELK RIVER			27	9 N	85 W	01*	2	O,AP	13284.00000	W1056	5800623	AP FOR	
12	2115	STEAMBOAT LAKE DIV AP#3	WILLOW CK	SW	SE	3	9 N	85 W	01*	2	O,AP	13284.00000	W1056	5800623	AP FOR	
13	6087	STEAMBOAT LK WD WELL 1	WILLOW CK	SE	SE	4	9 N	85 W	01*	2	O,AP	13284.00000	W1056	5800623	AP FOR	
14	6088	STEAMBOAT LK WD WELL 13	WILLOW CK	NW	SE	10	9 N	85 W	01*	2	O,AP	13284.00000	W1056	5800623	AP FOR	
15	632	FARNSWORTH DITCH	FARNESWORTH CK	SW	NW	31	7 N	85 W	1	2.66	O,TF	13314.00000	90CW01	5800783	TT MORIN D	
16	632	FARNSWORTH DITCH	FARNESWORTH CK	SW	NW	31	7 N	85 W	1	2.66	O	13314.00000	09/22/1			
17	783	MORIN DITCH	FARNESWORTH CK	SW	SE	31	7 N	85 W	1	2.66	O,TT	13314.00000	90CW01	5800632	TF	
18	577	CAMPBELL DITCH	ELK RIVER	SE	NW	8	8 N	85 W	1	4.6	O	13442.00000	09/22/1			
19	649	FRANZ DITCH	ELK RIVER	SW	NW	33	9 N	85 W	1	6	O	13696.00000	09/22/1			
20	649	FRANZ DITCH	ELK RIVER	SW	NW	33	9 N	85 W	1	6	O,TF	13696.00000	W0381	5800649		
21	649	FRANZ DITCH	ELK RIVER	SW	NW	33	9 N	85 W	12*	6	O,TT	13696.00000	W0381	5800649	ADDED USES	
22	694	HOOVER JACQUES DITCH	ELK RIVER	NE	SW	23	9 N	85 W	1	3.75	O	13696.00000	09/22/1			
23	2016	ELK RIVER PIPELINE	ELK RIVER	NE	SW	17	8 N	85 W	12*	1.73	O,TF	13799.00000	W0533	5802016		
24	2016	ELK RIVER PIPELINE	ELK RIVER	NE	SW	17	8 N	85 W	12*	1.73	O,TT	13799.00000	W0533	5802016		
25	2016	ELK RIVER PIPELINE	ELK RIVER	NE	SW	17	8 N	85 W	12*	1.73	O,AB	13799.00000	91CW01			
26	2016	ELK RIVER PIPELINE	ELK RIVER	NE	SW	17	8 N	85 W	12*	1.73	O,TT	13799.00000	W0533	5800626	TF ELK VALLEY	
27	626	ELK VALLEY DITCH CO. D.	ELK RIVER	SW	SW	22	7 N	85 W	12*	1.73	O,TF	13799.00000	W0533	5802016	TT ELK RIVER	
28	626	ELK VALLEY DITCH CO. D.	ELK RIVER	SW	SW	22	7 N	85 W	1	11	O	13799.00000	09/22/1			
29	626	ELK VALLEY DITCH CO. D.	ELK RIVER	SW	SW	22	7 N	85 W	1	11	O,TF	13799.00000	W0365	5800626	ADD NEW USES	
30	626	ELK VALLEY DITCH CO. D.	ELK RIVER	SW	SW	22	7 N	85 W	12*	11	O,TT	13799.00000	W0365	5800626	ADD NEW USES	

Future Administration

Elk River will most likely be on call consistently

Water must be going to Decreed Uses

Waste Issues

Better communication (mainly via email)

Illegal Wells, Ponds, etc

More seminars – what would you like to know?

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Division of Water Resources website at
<http://water.state.co.us>



Colorado Foundation for Water Education website at
www.cfwe.org



CSU Water Institute website at
www.cwi.colostate.edu



The Water Report website at
www.thewaterreport.com

The book cover features a scenic landscape photograph. The top half shows a mountain range under a blue sky with scattered white clouds. A bright sun is visible on the left side of the mountains. The bottom half of the cover shows a river flowing through a valley with dry, yellowish-brown grass and shrubs. The title 'Water' is written in a large, white, cursive font across the top. Below it, the subtitle 'COLORADO'S RIGHT TO LIFE' is in a smaller, orange, sans-serif font.

Water

COLORADO'S RIGHT TO LIFE

A History of the Development of Colorado's Water,
the Prior Appropriation Doctrine
and the Division of Water Resources

Authors: Richard Samuel & Tom Gault
Contributors: Hal Simpson & Dick Wells
Foreword by Justice Greg Hobbs