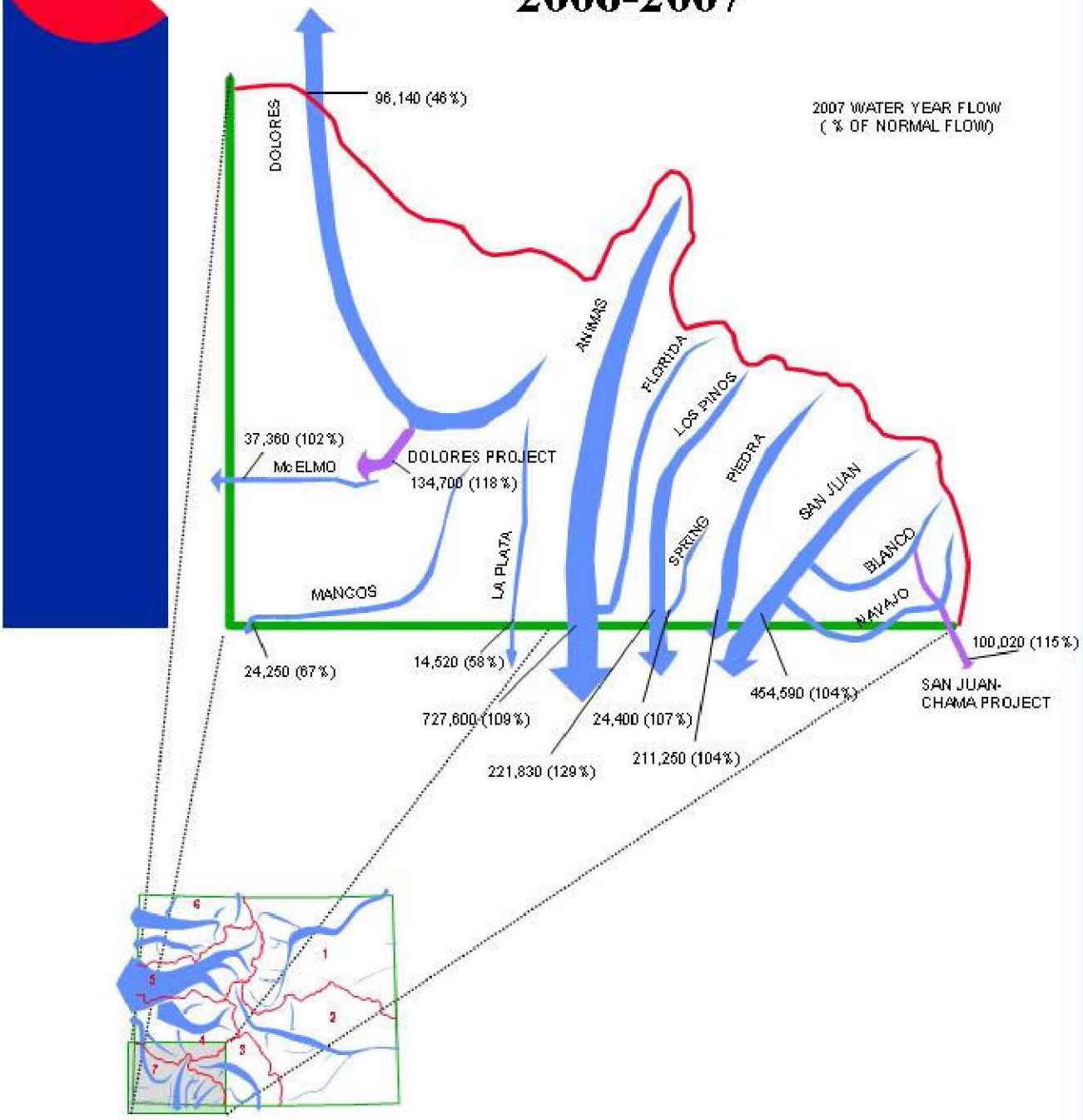
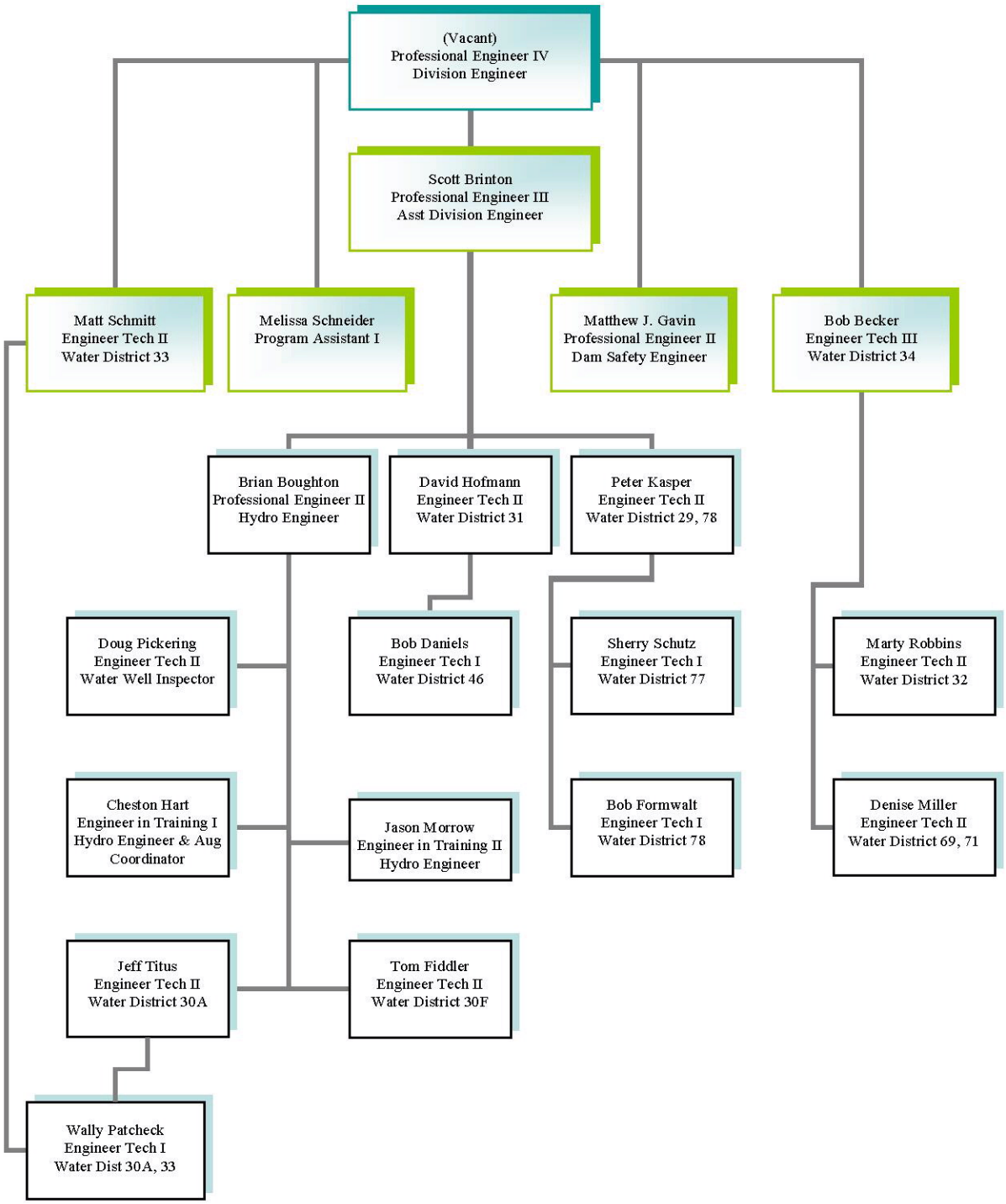
DIVISION OF WATER RESOURCES
DIVISION VII ANNUAL REPORT
2006-2007



Scott D. Brinton
Acting Division Engineer

INDEX

Division 7
Organizational Chart
March 2008



CURRENT YEAR

The 2007 water year started out with a big wet bang. Rain started across the basin on October 4th and it rained on ten of the next thirteen days. Durango received a total of 4.29 inches in those thirteen days. The Animas River at Durango peaked at 7,080 cubic feet per second (cfs) on October 7th. The La Plata River at Hesperus peaked at 704 cfs late on that same day, well above its average flow of 18 cfs. Reservoirs across the Division took advantage of the lack of an irrigation call and stored a major portion of the precipitation received during this time period. Vallecito Reservoir, with a storage capacity of 125,400 af located on the Pine River, stored 19,880 acre feet (af) in that thirteen day period. The heavy rains contributed to a much higher than normal baseline streamflow well into the winter period. Lemon Reservoir, with a storage capacity of 39,790 af located on the Florida River, stored 12,220 af in the forty days following the start of the rain. As usually happens, the big wet bang changed into the long dry bust. It was not until March 22nd that Durango matched the precipitation received in those thirteen days. The year that started out with such a wet promise ended up a merely average year.

On November 1st the snowpack was at a respectable 94% of normal yet the local ski areas delayed opening due to a lack of snow. The December 1st snow pack for the San Juan and Dolores River Basins had dropped to 80% of normal. By January 1st, 2007 the snow pack was 77% of normal. This continued the unenviable trend of the ninth below average snowpack on January 1st in the last ten years. While this looked to be a bleak snowpack, it was a 321% increase over the January 1, 2006 snowpack. The snowpack continued to maintain below normal values for the remainder of the water year. On both February 1st and March 1st snowpack was 78% of normal. By April 1st, the snow pack in the San Juan/Dolores River basin was down to 61% of normal. The precipitation recorded in Durango for the Water Year was 19.78 inches, which was 95% of the 30 year average.

Due to a wetter than normal fall in 2006, major reservoirs in the Division were able to maintain higher than average storage levels throughout the Water Year. At one point, the Bureau of Reclamation had forecast sufficient inflow in the Dolores River drainage to project a possible managed raftable (above 800 cfs) spill for McPhee Reservoir. Due to a rapid warm-up from May 8th to 12th a raftable spill did occur, but only for two days, as an equally rapid cool-off occurred and the releases were backed off to match inflows. Rumor has it that many boaters were stranded in the Dolores River Canyon by the shutoff of the flows below McPhee Reservoir. The Dolores Water Conservation District managed the reservoir releases to match inflows and topped off the reservoir on June 13th with 382,611 af. Both Lemon Reservoir and Vallecito Reservoir filled to capacity in June.

Many of the critical smaller reservoirs in the Division, which are used for supplemental irrigation and/or domestic or municipal supplies, enjoyed good carry over storage to begin the year. Johnson Reservoir which has a decreed capacity of 1000 af, and is filled with trans-basin water from the La Plata River, had a carry-over storage of 717 af to begin the season. The reservoir is a critical domestic supply for the Lake Durango Water Company. Even Red Mesa Ward Reservoir on the La Plata filled to capacity, or 1233 af,

at the beginning of the irrigation season on March 19th. In the western part of the Division, Jackson Gulch Reservoir on the Mancos River filled, Totten and Narraguinnep Reservoirs in the McElmo drainage filled, and Groundhog and the Summit Reservoir system filled to begin the irrigation season. On the eastern side of the division, many of the reservoirs stored to near capacity. Work on repairing the outlet structure on Piñon Lake was completed and the reservoir was allowed to refill. Stevens Reservoir is still drained and work on the enlargement of the dam and reservoir is progressing.

The average monthly high temperatures recorded in Durango were warmer than the 30 year averages for all but two months of the water year, October and May. Both months had well above normal precipitation. The average monthly low temperatures were above the 30 year average lows for every month of the water year. Streamflows in October were reminiscent of May and June snowmelt runoff flows. The Animas River at Durango recorded its second highest streamflow ever for October with 98,480 af for the month. This was 390% of normal flow. Two extended well above normal warm spells, one in late April and another in mid-May lead to a rapid and earlier than normal snowmelt runoff and higher than average flows early in the irrigation season. The above to near average flows continued until June and July which dropped to 82% and 70% respectively. June was very sunny and dry, the precipitation in Durango was just 0.30 inches, 38% of the 0.78 inch average. Monsoon rains returned to the higher elevations in July and August and the flow at the Animas River at Durango went back up to 153% and 142% of normal respectively. The year end total of 682,600 af was 115% of the long term average and that ranked the 2007 water year as the 38th best out of the last 96 years. The average daily snowmelt peak of 3470 cfs on May 16th on the Animas River was early due to the warmer temperatures.

The warm spell in May was also evidenced all across the division. The runoff peak at the La Plata River at Hesperus gage, 222 cfs, occurred on May 15th, a week earlier that the historic peak snowmelt runoff date of May 22nd. On the Dolores River, the daily peak runoff flow at the town of Dolores was 2420 cfs on May 15th. The San Juan River at Pagosa Springs recorded a peak flow of 1920 cfs on May 14th due to snowmelt. In the second half of the irrigation season, near normal precipitation was recorded for the months of July to September.

On the eastern side of the division, the Pagosa Springs area received above normal precipitation for the month of August as well. The amounts recorded in Durango were 1.71 inches (89% of average) in July, 2.63 inches (111% of average) in August and 2.68 inches (137% of average) in September. Many of the irrigators on rivers and tributaries were able to hold off on calls until mid-June but they were not able to remove many calls until late in the irrigation season. The Colorado Water Conservation Board continued the call for its in-stream-flow water right on the Dolores River below McPhee Reservoir until May 16, 2007. Although the call did not impact many adjudicated water rights, the non-decreed pumping by exploratory mining companies below the reservoir was either curtailed or required to purchase augmentation water from the Dolores Water Conservancy District. As is the norm, the La Plata Compact was not without challenges this year and included a period when the number one water right in Colorado was totally shut off to meet New Mexico's Compact call.

SAN JUAN RIVER & TRIBUTARIES (NAVAJO, BLANCO & PIEDRA RIVERS)

Water Districts 29, 77, 78

As with the rest of Division 7, the eastern portion of the division began the season with below normal snow pack. The dry conditions did not ease until significant precipitation was received in early July. As is typical, calls were placed on Four Mile Creek and Rito Blanco in late June. A call was not placed this year, as they first did last year, by the Colorado Division of Wildlife for their water right in the Ford Ditch No. 1 on Devil Creek. A call would have required administration of decreed augmentation plans and substitute water supply plans upstream of the diversion. Once again, Stollsteimer Creek was not placed under administration this year. Many of the calls were released in August due to the monsoonal rainstorms. The San Juan-Chama project delivered 100,020 af to the Rio Grande basin in New Mexico during the 2007 water year, which is more than the long term average of 86,809 af. Long-time District 29 Water Commissioner Val Valentine retired at the end of August but Bob Formwalt and Sherry Schutz are ably filling in for him until a replacement Water Commissioner is hired.

ANIMAS RIVER AND FLORIDA RIVER

Water District 30

The fall rains which began in October provided an opportunity to store water in Lake Durango by diversions from the La Plata River, and by mid December the reservoir was within 50 af of its decreed capacity. The snow pack in the Animas River basin and its tributaries were below normal at the beginning of the irrigation season, but well timed rains beginning in July kept many of the tributaries that normally require administration off call for the year. These tributaries included Junction Creek, Lightner Creek and Little Cascade Creek. The only call placed on Elbert Creek was by the Ice Lake Ditch. The Conley Ditch did not place a call on Elbert Creek this year.

Even though the Florida River basin also began the irrigation season with low snow pack numbers the irrigation season turned out to be quite successful in part due to the fact that Lemon Reservoir was available to store much of the heavy October 2006 precipitation. Storage in Lemon Reservoir, with a total capacity of 39,790 af, went from a low of 19,474 af on October 3rd to 31,881 af on November 30th. Lemon actually managed to store, with the exception of one week, every day from October 3, 2006 until reservoir releases started on April 18, 2007. The reservoir contained 37,929 af on April 18th, just 1,861 af short of fill and with a large portion of the snowpack still to come down. The reservoir topped off at full on June 20th and the call went on the Florida River the next day. Normally, the river is not on call until the first part of July, so administration of water rights began nearly 2 weeks early due to the lack of runoff. The storage in Lemon dropped to an irrigation season low of 21,142 af on October 10th, the day the irrigation call went off. The 2007 irrigation year was an excellent example of the value of a storage project high in a basin for the management of limited, and sometimes unpredictable, water supplies.

PINE RIVER AND SIEMBRITOS ARROYO

Water Districts 31, 46

The precipitation in October 2006 contributed to the highest recorded amount in storage (95,535 af) in Vallecito Reservoir for the end of month based on the period of record of 1941 to 2006. Nearly 27,600 af of water was evacuated from the reservoir from the peak storage amount of 103,927 af on October 17th to the end of November. This was done to reduce the amount of water in storage to acceptable winter operation levels. The water released from Vallecito Reservoir was captured in Navajo Reservoir, which contributed to it being only 8% short of filling to its capacity of 1,701,300 af during December 2006. A warm and windy April and the resulting bleak snowpack contributed to a May 1st forecast of only 60% of average inflow for Vallecito Reservoir but several rainstorms in early May supplied enough precipitation to raise the June 1st runoff forecast to 78% of average. Through prudent management and a delayed turn-on of several of the larger irrigation ditches Vallecito Reservoir was able to fill on June 1st and top off again on June 22nd. Over four inches of rainfall at Vallecito Reservoir in the first week of August reduced the demand for reservoir storage water required for most ditches and canals, and most of the irrigators enjoyed a full supply for the irrigation year.

LA PLATA RIVER

Water District 33

The October 2006 rain events contributed to the river being off call for six days, and many junior water rights were able to divert. A wet fall contributed to a significant amount of carry-over storage in Red Mesa Reservoir, as well as in Johnson Reservoir (located in District 30 but filled by trans-basin diversions from the La Plata River).

The snowpack as reported at the Columbus Basin snowtel site peaked at 22 inches of water on April 28th. This was just 79% of the average of 27.7 inches. The average date that all of the snow is gone from the snowtel site is July 2nd and this year it was all gone by June 6th. As is always the case with lower than average snowpack, administration of the La Plata River was again a challenge this year. The lack of significant storage in this drainage, and the existence of an interstate compact that requires changing daily deliveries, makes managing water deliveries with a below normal snowpack difficult. New Mexico placed a call for their compact deliveries on March 28, 2007, and with the exception of six days in mid-May the river required compact administration through the end of November (the end of the Compact Year). The hydrology of the river is unique, and can experience varying stream flow conditions from year to year. Due to monsoonal precipitation, the river maintained a hydraulic connection (wet river) through the entire reach in Colorado all year. This continued the trend that started last year but for only part of the year. The number one water right in Colorado, the La Plata Irrigating Ditch, was totally shut off July 13-19 and August 26-27 to meet New Mexico's compact call. River conditions allowing for "split" river administration never occurred this year.

MANCOS RIVER

Water District 34

The snow pack in the Mancos drainage was also well below normal at the beginning of the irrigation season. Fortunately, due to the large amounts of carry over storage from the previous fall, most of the reservoirs on the Mancos River and its tributaries were able to fill. Jackson Gulch Reservoir, an offstream reservoir, first filled to its capacity of 9,977 af on May 3rd and was kept at that level until June 21st. A call was made on June 20th and remained active on the Mancos River until September 25th. Due to the short water supply, stricter accounting and administration of the E B Dude Ranch Augmentation Plan decreed in Case No. 00CW10 was again required this year. The Water Commissioner supervised the installation of staff gages on seven of the reservoirs included in the augmentation plan. The accounting for the augmentation plan continues to be a problem. Receiving the spreadsheet data in a timely manner the major accounting issue the water commissioner is dealing with. The Salinity Reduction Program continued to progress this year in the Mancos drainage, with six additional ditches being put into PVC pipelines.

McELMO CREEK, DISAPPOINTMENT CREEK, DOLORES RIVER,

Water Districts 32, 69, 71

A full water supply was enjoyed by the MVIC users with sufficient return flows to McElmo Creek to keep the Creek from going on call. The CWCB in-stream flow water right in Yellow Jacket Canyon through the Canyon of the Ancients National Monument was decreed this year. The parties that were active in the negotiations prior to the application included the MVIC, DWCD, CWCB, Bureau of Land Management, Canyon of the Ancients National Monument, and Colorado Division of Water Resources. A pending court application, 99CW69, filed by the DWCD which will provide exchange water in the McElmo Creek drainage supplied from Totten Reservoir is very near to being finalized. The Natural Resources Conservation Service (NRCS) was actively involved in several ditch lining projects in the McElmo Creek drainage that may have the potential to alter the return flow patterns.

Disappointment Creek provided a below normal water supply this year but at least it was more than the previous year. Most of the small irrigation and stock reservoirs were able to fill and supply supplemental water as the natural stream flows dropped.

Although the Dolores river drainage did not receive as much precipitation as other drainages to the west, the rains in October 2006 allowed McPhee Reservoir to store over 30,000 af for the month. With good carryover storage and in spite of the below normal snowpack, McPhee Reservoir was able to fill and even spilled from May 12th to June 11th. A full water supply was available to the Montezuma Valley Irrigation Company (MVIC) and to the full service farmers in the Dolores Water Conservancy District (DWCD). A call for the in-stream flow water right of 78 cfs below McPhee Reservoir made last year for the first time in history by the Colorado Water Conservation Board (CWCB) was

continued until May 16, 2007. The call resulted in many mining and exploration companies being required to obtain an augmentation agreement with the DWCD to continue their non-decreed pumping of water for exploration purposes. Storage releases and a by-pass of river flow were made for the downstream water rights below McPhee, and for the Paradox augmentation plan and salinity control project on the lower Dolores River in Division 4.

STAFF SUMMARIES

IN THEIR OWN WORDS

DISTRICT 29 - SUMMARY – VAL VALENTINE - WATER COMMISSIONER

"Best grass in a generation!" was the comment one rancher. "Best grass on my place since 1974," said another. Some places cut hay for the first time in several years. Another indication was ranchers in jest could not complain of lack of irrigation water or poor grass were relegated to complain about the high cost of baling wire. Good grass meant positive attitudes among water users and most were willing to be accommodating to their neighbors both up and down stream

The irrigation season began with good soil moisture, but limited snow pack, 85 % on March 12th at Wolf Creek Summit and 66% for the Upper San Juan Snow Survey Station. Rain events early in the season more than made up for low snow pack.

At Piñon Lake outlet construction was completed, the emergency preparedness plan updated and the State Engineer removed the storage restriction that had been in place for several years. The fountain, "Pagosa's Bellagio" was placed back in operation by the Town of Pagosa Springs.

Several Ditches, particularly in the upper Blanco Basin washed out by several monsoonal rain events.

In all, it was good year on the upper San Juan.

Respectfully Submitted,

Val Valentine, Water Commissioner, Retired

DISTRICT 30F – SUMMARY – TOM FIDDLER - WATER COMMISSIONER

Relatively low snow pack at Stump Lakes above Lemon Reservoir made for an interesting start for the water users on the Florida for the 2007 water year. Late heavy October rains had the 2007 water year start with Lemon Reservoir carrying over 31,055 AF, which is about 77% full. The stock run started on November 13th and ran water through November 19th and released about 408 AF. Spring snow pack peaked in the Stump Lakes drainage area on April 25th 2007 with 16.8" of snow water equivalent and was 75% of normal. Even with low snow pack levels water was evacuated from the reservoir in order to, "make a hole in the bucket" to store as much runoff as possible. On April 18th 2007 dam operations began releasing water from Lemon Reservoir for irrigators. At this time the reservoir was holding 38332 AF of water. Spring runoff filled Lemon Reservoir to a peak of 40096 AF on June 20th 2007. Major irrigation releases began on May 10th and the Florida River was placed on-call June 21st by the Florida Farmers Ditch. The call lasted until October 10th. The heavy rains in July, August, and September added 13.8" of rain to the basin took the Florida off-call for a total of 11 days during the call period. The river was placed off-call on October 11th. The total period of time that the Florida was on-call was 101 days. Lemon reached a low after irrigation of 21494 AF on October 11th and by October 31st Lemon Reservoir was at a level of 22,343 AF. Carry over storage for next year looks good, as the Reservoir is approximately 55% full.

Most of the summer saw a low priority level of F-23/F-24 decreed to the Florida Canal and the Florida Farmers Ditch. F-22.5 was the lowest priority reached this summer and is decreed to the Florida Farmers Ditch.

One structure order was issued for Augmentation and one show cause letter was issued in the Florida drainage area that required attention in 2007.

This water commissioner had a relatively quiet year on the Florida as ample summer rains quelled the thirst for the majority of water users. Most water users on the Florida have grown accustomed to this Water Commissioners frequent visit even though they feel that he may just drive the ugliest water commissioner vehicle in the State. The diversion structure GPS program is going well and will continue until completed.

DISTRICT 30A – SUMMARY – JEFF TITUS - WATER COMMISSIONER

Snow pack was below average to start the year again. Despite the limited run-off, the only call in the Animas River basin was by the Ice Lake Ditch on Elbert Creek. The City of Durango, Southwestern Water Conservation District, La Plata County and numerous objectors came to agreement in November and on November 30th the decree was signed granting the City of Durango a conditional water right for a recreational in-channel diversion. SWCD and La Plata County were also granted conditional rights in order to protect future upstream uses on the Animas. On November 9, a "topping out" ceremony was held for the Ridges Basin Dam signifying the completion of the dam for the Animas-La Plata Project. Filling of Ridges Basin Reservoir could start as early as late 2008.

DISTRICT 31& 46 – SUMMARY– DAVID HOFMANN - WATER COMMISSIONER

The winter of 2006-2007 did not have a good snow-pack and the prospects for a good irrigation season looked dim through the end of April. (snow-pack of approximately 67%). In the month of May there was a significant amount of rain which helped offset the low snow pack. The wet May helped push back the administration on the Pine until June 27th. Vallecito Reservoir easily filled and allowed all Pine River Irrigation District (PRID) water users to have a full supply of storage water. The rains in May, early August and late September produced enough water to the system, where many of the higher priority ditches did not go out of priority all season. The rains also helped in reducing the amount of water taken in all major structures since Mother Nature aided in irrigation. The rains allowed PRID to sign a letter on September 4th effectively lifting administration on the Pine River.

Again this year, the area around Vallecito reservoir and the water critical stretch of the Pine River saw an increase in the number of water filings. This was in most part due to a 2nd fill and in-stream flow filing by PRID, CWCB and the Southern Ute Indian Tribe for Vallecito Reservoir in December of 2007. (PRID) Vallecito reservoir also made a filing to define and or expand their service area.

The trans-mountain diversions diverted 1,575 acre-feet of water into the Rio Grande Basin.

DISTRICT 32 – SUMMARY – MARTY ROBBINS - WATER COMMISSIONER

The irrigation season was average with 13.15 inches of rain, with the transbasin diversions from the Dolores River in the amount of 297,813 acre feet, storage diversions in the amount of 18,526 acre feet and the natural stream flow of 35,875 acre feet; we had a good irrigation season. The rains we did get occurred at the most inopportune times, during the haying season, leaving many farmers with damaged hay to sell at lower prices.

The most significant change for this district is Dolores Water Conservancy District's exchange decree (court case 1999CW0069) that will enable exchange releases to be made from McPhee Reservoir and Totten Reservoir for out of priority diversions, wells and pond evaporation. This will open up the Montezuma Valley area for further development of smaller acreages thus allowing for multiple uses that were previously denied.

The NRCS soil salinity program has become active by cost sharing in projects such as Montezuma Valley Irrigation Company's May Lateral project, The Black Dike Ditch project and numerous other smaller piping projects which will change the areas water hydrology dramatically.

DISTRICT 33 – SUMMARY – MATTHEW SCHMITT – WATER COMMISSIONER

Fall rains on the La Plata gave folks an optimistic outlook that was short lived. Snow fall was light and the February numbers looked like 2002. Early spring snows brought us up but still short of normal snow pack.

Colorado ditches got along together and kept the river off call until New Mexico placed their call on the 28th of March.

The irrigation season was better than I anticipated. The Slade ditch, #50, seemed to be the pivotal priority as it was an off again, on again kind of a thing.

The Big Stick ditch, #68, was the most junior priority to be served due to multiple ditch breaks in New Mexico in mid- May. That lasted only a few days.

By July 13th, all Colorado ditches were curtailed to meet compact deliveries for 7 days and a rotation period was anticipated but never occurred due to a series of rain events. This condition lasted until August 24th when, again, all Colorado ditches were curtailed. Four days later, another rain storm put off the anticipated rotation. The rain did not continue and 7 days later the #1 priority was the only Colorado water running.

The La Plata River never went dry in any spot this year! It came very close in several spots but never happened, very unusual.

Three new satellite monitoring stations were installed this year. The first one on Hay Gulch ditch, second on La Plata Irrigating ditch, and the third on the Red Mesa Reservoir Below with gage height and capacity on the reservoir itself.

With the changes in leadership (Director of Natural Resources, State Engineer, and Division Engineer) and the dry year, it has been another interesting year on the La Plata River.

DISTRICT 34 – SUMMARY – BOB BECKER – WATER COMMISSIONER

The snow pack on the Mancos River Drainage was considerably lower than the rest of the Basin. Until the middle of January we were below the 2002 conditions, but then storm systems finally brought some much needed moisture over the next 6-7 weeks. Unseasonably warm temperatures occurred during the months of February, March and April with temperatures ranging from highs of 71 & 74(March & April) to lows of -1 and 18 respectively. Total precipitation for the year was 13.77 inches with 9.95 inches occurring during the months of May (3.52 inches) and July through September rainfall of 6.43 inches.

Most area Reservoirs were full by the first of April with Jackson Reservoir topping out on the 11th of May and the peak flow, of 242 cfs, on the Mancos River occurring on the 14th of May. The river was on call for 97 days, from June 20th to September 25th.

The "NRCS" Salinity Program was active again this year with six structures converting from open ditches to enclosed pipelines. These structures were: Carpenter/Mitchell, Veits, Beaver, Glasgow & Brewer, Weaver Seepage ditches and the Sheek Pump.

On May 5th, I supervised and assisted in the installation of staff gages on seven ponds at E.B. Dude Ranch to comply with provisions of their decreed augmentation plan.

Throughout the year I attended meetings with the following organizations:
Mancos Conservation District, Mancos Conservancy District, Natural Resources Conservation Service, Montezuma County Board of Commissioners, Montezuma County Children's Water Fair and the Basin Round Table.

DISTRICT 69 & 71 – SUMMARY – DENISE MILLER – WATER COMMISSIONER

The 2007 water year in the Disappointment Creek drainage was closer to a normal year. Sparse rain or treacherous downpours either parched or tore the landscape. There were no new water right filings for the year.

Early in May of 2007, the Dolores River snow pack was only 20 percent of average when big snows that month brought the average up to 87 percent of the long term average. The increase in moisture resulted in the McPhee Reservoir project users to receive a full supply of water. The Dolores River peaked on May 15th with a flow of 2,720 cfs above the Town of Dolores. The Bureau managed the controlled spill from May 12th through June 11th below McPhee which yielded 33,700 acre feet for the benefit of the fisheries and the enjoyment of the rafters. The CWCB in-stream flow call below the reservoir was released on May 16th.

The water year ended with 135,879 acre feet of carryover storage in McPhee for the 2008 water year. In comparison, the 2002 water year ended with 4,567 acre feet of carryover storage.

DISTRICT 77 - SUMMARY – SHERRY SCHUTZ COMMISSIONER

The year started out with lots of moisture from winter and spring. June was a very dry month, but the rest of the year provided lots of moisture.

The McMullen Ditch placed a call on Oil Well Creek. This was the first time for a call on Oil Well Creek and the call lasted all summer.

Lots of rain in August created flooding of the upper Blanco River. Most of the structures won't be repaired until spring.

DISTRICT 78 & 29 – SUMMARY – BOB FORMWALT COMMISSIONER

Water district 29 was in a state of flux in 2007 with Blue Sky Resort, American Land Enterprises and Cross Roads Development all requiring field work addressing water right requests. Also, Bootjack Management consumed days and days of research, inspections and re-inspections as the amendments to case 04CW97 continued to arrive in the Durango and Pagosa offices on a regular bases. Finally in October the Bootjack 04CW97 field work was completed and sent to the courts.

Most streams in District 29 had adequate water and no calls were placed during the irrigation season to cause administration.

Several ditch owners brought their structures into compliance through structure repairs, relocations or replacements as requested by this commissioner. The East Fork owner continued river bank restoration projects and did not use water during the 2007 irrigating season.

With the retirement of Water Commissioner Valentine from DWR- Pagosa office, this commissioner was stretched to the breaking point covering his own areas and Mr. Valentine's vacated areas. Records were completed to the best of his abilities and knowledge.

District 78 experienced unusually heavy rains causing extensive structure damage in the Weminuche and Upper Piedra Valley. Continued summer rains reduced the irrigation requirement and caused loss of hay production on some ranches.

The addition of Commissioner Valentine's runs and records resulting in a heavy work load on this commissioner but to the best of my knowledge all records were completed for 2007.

Moisture recorded at my house during the calendar year of 2007 was 22.35 inches.

Looking forward to a better year in 2008!

HYDROGRAPHIC REPORT – SUMMARY – BRIAN BOUGHTON

Lead Hydrographer, Brian Boughton, PE II, provided overall program leadership of the Division 7 Hydrographic Program during 2007. He was supported by Hydrographic Engineer, Cheston Hart (EIT I), Water Commissioners Val Valentine (EPST II) and Sherry Schutz (EPST II). On January 10, 2008 part-time hydrographer (EIT II) Jason Morrow filled the newly created hydrographer position. Brian Boughton also had oversight responsibilities for hydrographic streamflow record preparation in Division 4 during the water year, and provided overall coordination of the records preparation and review schedule for Divisions 4 and 7. Tom Ley (State Chief Hydrographer) provided oversight responsibilities for hydrographic streamflow record preparation in Division 5 and 6 during the water year, and provided overall coordination of the records preparation and review schedule for Division 5 and 6.

Each Division 7 hydrographer and water commissioner were assigned work with specific stream gage stations and geographic areas. Each Division 7 hydrographer and water commissioner provided support for the other, outside of the assigned geographic area when needed. Cheston Hart was assigned to District 29, upper end of 30, 31 and 77. Val Valentine (Water Commissioner District 29) provided measurements for the RIOMOUCO stream gage. Sherry Schutz (Water Commissioner District 77) provided measurements for the LITOSOCO stream gage. Brian Boughton was assigned to lower end of District 30 and all of District 32, 33, 34 and 71. Hydrographer routine work includes responsibility for regular streamflow measurements, gaging station operation and maintenance, satellite monitoring equipment operation and maintenance, support water commissioners with flow measurements on ditches and the complete development and computation of streamflow records. Water commissioner routine work includes responsibility for regular streamflow measurements and gage station operation and maintenance.

Streamflow Records and Measurements

Division 7 hydrographic staff will complete 23 streamflow records for WY2007 for publication in the DWR Annual Streamflow report. Two of these streamflow records are also published by the US Geological Survey in their Annual Water Resources for Colorado Data Report.

During 2007, Division 7 hydrographers made 195 discharge measurements at stream gages and 54 discharge measurements on canals and diversion structures. Water commissioners in Division 7 made 25 river measurements.

Stream Gage Improvements

During the water year, Division 7 hydrographers completed the following stream gage projects:

Stream Gage Refurbishment:

- Florida River above Lemon Reservoir: The installation of the bank operated cableway was completed in the spring of 2007.
- Rio Blanco at the Mouth near Trujillo: The division seized the opportunity to rebuild and relocate the gage with the river restoration construction at the gage site. A new 48-inch CMP well with intakes was installed along with a new gage house. In the spring of 2008 the existing gage site will be abandoned and the equipment will be relocated to the new gage location.
- Long Hollow Creek near Red Mesa: The existing stilling well and shelter is a wood structure. Part of the wood stilling well that faces the creek rotted away and was replaced with new pressure treated 2" X 6" lumber.

New Stream gages:

- Red Mesa Ward Reservoir and Hay Gulch below Red Mesa Reservoir were installed this year. Satellite telemetry equipment was added to the existing concrete

Parshall flume and steel shelter at Hay Gulch below Red Mesa Reservoir. One-inch PVC conduit and electronic data cable in the conduit was run on the west edge of the access road to a 4'X4' steel shelter located at the top of the dam. Two-inch galvanized pipe and 1-¼ inch PVC provide protection to the orifice line that was installed to reservoir pool. Data for reservoir releases and elevation are collected and transmitted from the DCP located in the 4'X4' steel shelter located at the top of the dam.

- DCP was installed and shelter was installed at Hay Gulch Ditch near Hesperus.
- DCP was installed and shelter was installed at La Plata Irrigation Ditch near Hesperus.

High Data Rate DCP's:

- Division 7 operates 52 active gage location which amounts to 40 active satellite gages, 34 of which are high data rate radios that transmit on an hourly basis. Four of those high data rate radios were installed this year with SatLink DCP's and high data rate GOES radio transmitters (300 baud rate, hourly transmissions). These gages are now updated hourly on the DWR real-time streamflow web site.
- The upgrades at all of these sites required installation of SDI shaft encoders and upgraded grounding equipment.

Other activities conducted by Div. 7 hydrographic staff during WY2006 includes:

- A transit loss study was performed on the La Plata Irrigation Ditch this year.

SUBDIVISION REVIEW – SUMMARY - CHESTON HART

This year there were 53 Projects reviewed by this office including all minor exempt subdivisions, boundary adjustments, and the adding of additional dwellings. Comments were also provided to our Denver office Team 237 for all subdivision proposals in Div 7. Due to the amount of complex and/or controversial projects proposed, I attended many meetings with the local Planning Commissions' and their respective County Commissioners. In addition, this office was also involved in the recently implemented Water Quality and Quantity standards for La Plata County.

WELL INSPECTION – SUMMARY – DOUG PICKERING

- The well inspection program was instituted for the protection of groundwater resources and public health through enforcement of the Rules and Regulations for Well Construction and Pump Installation. Specific duties include inspection of well construction and pump installation; complaint investigation; education and outreach; monitoring/observation hole/well construction; well and hole plugging and abandonment; assistance to the public in well construction and complaint investigations; and support to the State Engineer and Board of Examiners.
- During 2007, the well inspector performed approximately 354 well construction and pump installation inspections; 97 spot checks of contractors and well permits; 31 investigations of licensed contractors or problem investigations for contractors; 31 investigations of owner installations or problem investigations for well owners; 40

miscellaneous contacts with owners and contractors; and 9 investigations of unlicensed contractors. These inspections occurred in southwest Colorado, primarily in Divisions 4 and 7. The well inspector has also provided education through meetings with contractors, plumbers and plumbing regulators, and electrical inspectors. The well inspector is also available to answer questions regarding well construction and assists at the Division office.

- One of the key roles of the inspection program was to locate unlicensed contractors working in the state and ensure that they were stopped. No unlicensed well construction contractors were discovered; however, several unlicensed contractors were found to have worked on pumping equipment. Those unlicensed contractors were informed of the rules and ordered to discontinue such work.

DAM SAFETY ACTIVITY – SUMMARY

The Divisions 7 Dam Safety Engineer position was filled on July 23, 2007. Given the reduced inspection season, High and Significant hazard dams were given the highest priority. Inspection priorities were further refined using the Dam Safety Branch's Risk Based Profiling System (RBPS). The criteria indicated in the table below were used to develop the 2007 inspection schedule. After the High and Significant Hazard Dams, inspections of Restricted Dams, regardless of Hazard Classification, were given next priority.

Inspection Frequency Criteria for 2007:

*RBPS Score	High Hazard	Significant Hazard
>135	Every Year	Every Year
76 to 135	Every Year	Every Two Years
51 to 75	Every Two Years	Every Three Years
0 to 50	Every Three Years	Every Three Years

*RBPS score used to determine inspection frequency is the sum of the Static and Operational and Maintenance scores.

There are 20 High Hazard dams in Division 7. Of these 20 dams, 16 of the structures are routinely inspected by the DWR, and the remaining 4 structures are routinely inspected by the United States Bureau of Reclamation. Based on the RBPS scores, 15 out of the 16 structures were due for inspection in 2007. All 15 structures were inspected during 2007. The only High Hazard Dam that was not due for inspection is the Mountain View Dam, constructed in 2000. The RBPS score for this structure is 15.

There are 23 Significant Hazard dams in Division 7. Of these 23 dams, 22 are routinely inspected by the DWR, and the remaining 1 dam is routinely inspected by the Bureau of Indian Affairs. Based on the RBPS scores, 8 out of the 22 structures were due for inspection in 2007. Five out of the eight dams received full inspections.

Two of the eight Significant Hazard Dams, namely Piñon Dam and Stevens Dam, had construction projects ongoing during the 2007 inspection season. Both dams were visited during 2007 by Dam Safety Branch personnel to inspect construction progress. Final

construction acceptance for the Piñon Dam project was issued on August 27, 2007. Construction at Stevens Dam is ongoing and completion is anticipated in 2008. Upon completion of the significant enlargement of the Stevens Dam, the Hazard Classification will be upgraded to High Hazard.

The lone Significant Hazard dam scheduled for inspection in 2007, which was not inspected, is the McGechie Dam. Ongoing attempts to contact the owner have been unsuccessful. Originally, the intent was to inspect the dam in December, regardless of Owner contact, but wintry weather has forced re-scheduling. The structure will be inspected as soon as it is practical to conduct a satisfactory inspection.

There are 55 Low Hazard Dams in Division 7, which are routinely inspected by the DWR. Of these 55 dams, eight were due for inspection in 2007. Due to the limited inspection season, these dams were not inspected in 2007. In addition, there is one Low Hazard dam that was due for inspection in 2006, at which time the position of Dam Safety Engineer was vacant. These 8 dams will be added to the 2008 inspection schedule.

Currently there are 6 dams in Division 7 that are restricted. One of the restricted dams, namely the Summit Reservoir Main Dam, is classified as High Hazard. The remaining 5 are Low Hazard. Four of these dams, including the Summit Main Dam, were inspected in 2007. The two that were not inspected will be inspected as soon as is practical, depending on the weather and snow pack.

In addition to the above inspections, on two occasions contact initiated by dam owners prompted inspections of specific conditions observed by the owners. Both of the dams in question are classified as Low Hazard. Another two site visits were conducted on non-jurisdictional dams to verify that they were being constructed within jurisdictional size limits. Finally, one construction inspection was performed at the Stevens Dam in Pagosa Springs.

There were no new restrictions imposed on Division 7 dams during 2007. A storage restriction on the Piñon Dam in Pagosa Springs was lifted. This resulted in the recapture of 86 acre-feet of storage.

During 2007, 27 Notices of Intent to Construct a Non-jurisdictional Water Impoundment Structure were reviewed and accepted. Two new livestock water tanks were also reviewed and approved.

As of January 1, 2007 the new Rules and Regulations for Dam Safety and Dam Construction went into effect. The new Rules and Regulations contain guidance on performing hydrologic studies using the Extreme Precipitation Analysis Tool (EPAT). As of the end of 2007, the EPAT software is being further refined by HDR Engineering Inc., the developer of the software. The Basin Response Study, which is being developed for the Dam Safety Branch by hydrologist George Sabol, will serve as a guidance document for determining modeling parameters used to convert rainfall to runoff, particularly in high elevation watersheds. Completion of the Basin Response Study and release of the final version of the EPAT software are anticipated in 2008. The release of these tools will enhance dam safety in Division 7 by providing dam owners, consultants, and engineers with well-researched methods and guidance for determining inflow design floods.

EVENTS OF 2007

RECREATIONAL IN-CHANNEL DIVERSION

The City of Durango filed an application for a RICD the end of February of 2006 in Case No. 06CW9. The claim is for a year-round water right for five different structures located within a ¼ mile reach of the Animas River just above the intake for the Animas-La Plata Project. The flows requested range from a high of 1400 cfs for a two week period in June, to winter time flows of 185 cfs. The RICD flows are being requested for 12 hours during the day, for 365 days a year. There were over 50 objectors in the case and included the Southwestern Water Conservation District (SWCD), La Plata and San Juan Counties, Town of Silverton, Colorado Water Conservation Board (CWCB), Division of Water Resources, United States government for the Bureau of Reclamation, and numerous canal and ditch companies. The original trial dates of May 14-25, 2006 were vacated due to discovery difficulties, and the two week hearing had been set to begin on January 7, 2008. Extensive discussions and negotiations continued throughout the 2007 Water Year and final decrees for the Durango RICD (06CW09), La Plata County (06CW99) and the SWCD (06CW127) applications were granted on November 30, 2007. The RICD decree allows for 500 af of subordination to any additional decrees entered between February 23, 2006 and December 31, 2011. The La Plata County decree is for a total of 9 cfs with alternate points of diversion to the county line for the Animas River and two of its tributaries with use limited to lands within La Plata County. The original application by the SWCD was for a future development allocation in the amount of 30,000 af. La Plata County joined the SWCD in their case and the final decree granted is based on depletions with limits based on time periods similar to the RICD's. Yet this was not the end of the process that started when Durango filed for its' RICD. There were over 50 new applications filed in 2005 and 2006 in response to the RICD application by Durango and this office continues to work on these cases. Included in these applications were filings by San Juan County and Silverton. Many of the new applications filed in response to the RICD have generated a number of Statements of Opposition as well. The main-stem of the Animas has not had a call that has been administered and is currently considered to be non-critical for the purposes of well permitting. The City of Durango's engineering reports show that the RICD could call for water potentially making the Animas River above Durango water critical.

COALBED METHANE WELL ADMINISTRATION

There was a significant order issued by Judge Lyman this year regarding water as the by-product of Coal Bed Methane (CBM) production. The Vance's and Fitzgerald's (plaintiffs) asked the Court, in Case No. 05CW63, to "ascertain the statutory obligation of the State Engineer to require well permits and augmentation plans when ground water, which is hydraulically connected or tributary to the surface streams in which Plaintiffs hold water rights, is diverted in the course of coalbed methane ("CBM") production." The State Engineer (Defendant) and BP America Production Company (Defendant-Intervener) asserted that "water extracted in the process of oil and gas drilling is "produced water" over which the State Engineer has no jurisdiction". The judge found that the Motion for

Summary Judgment filed by the plaintiffs should be granted and that the Motions for Summary Judgment filed by the Defendants are denied. The State requested a stay in the implementation of the Judge's decision pending appeal and that stay was granted. The first briefs on the appeal are due in March 2008.

ANIMAS-LA PLATA PROJECT

It was a busy year for litigation as well as construction for the Animas-La Plata Project (ALP). A hearing was held in April 2006 for Case No. 01CW54, which was a request for continued diligence for the water rights associated with the ALP project. The water rights are held by the Southwestern Water Conservation District (SWCD), but other project proponents that participated in the hearing included the State of Colorado, the United States government representing the Bureau of Reclamation and the Bureau of Indian Affairs, the Southern Ute Indian Tribe, and the Ute Mountain Ute Indian Tribe. The primary objector in the case was the Citizens Progressive Alliance represented by Allison Maynard. Diligence was granted by Judge Lyman in the case, but as of the end of 2007 the Citizens Progressive Alliance appeal is pending in the Supreme Court as Case No. 06SA388.

A second hearing was held the week of August 7th regarding the change applications filed in 02CW85, 02CW86, and W-1603 for a change in the Tribal Consent Decrees to bring the decrees into compliance with the 2000 Settlement Act signed by Congress. The parties to the cases were the same as in the diligence case; however, the applicant was the United States. The change was granted by the court, but included diversion limitations which were not included in the original Consent Decrees signed in 1991. Post Trial Relief was requested by the project proponents, and a hearing was held on February 8, 2007. An Order was signed later that day which removed the diversion limitations in the decree. The Citizens Progressive Alliance appeal is pending in the Supreme Court.

A significant amount of construction progress was made on the Animas-La Plata Project in 2007. The total project, including the Navajo Gallup Pipeline, was approximately 52% complete by September 30, 2007. Ridges Basin Dam, which will store water in Lake Nighthorse, was 'topped out' in November 2007. The completed height of the dam is 275 feet. The total cost of the project is now estimated to be over $500 million, and the annual funding by Congress continues to be a concern. Due to on-going lobbying efforts, and the shuffling of funds within the Bureau of Reclamation's funding allocation, it does appear that there will be sufficient funding for the construction year in 2008.

SAN JUAN NATIONAL FOREST MANAGEMENT PLAN REVISION

As of the end of 2007 the combined offices of the Forest Service and Bureau of Land Management have yet to finalize a draft of its new management plan for public review after over a year of work. The Government to Government water round table meetings continued in 2007 with Wild and Scenic eligibility/suitability being a major point of discussion. Due to efforts of the San Juan Citizen's Alliance and the Southwestern Water

Conservation District (SWCD), a spin off committee has been formed to look at alternative protection measures to Wild and Scenic designation for a number of rivers in the southwestern part of the state. This "River Protection Workgroup" includes representatives on the steering committee from: the SWCD, San Juan Citizen's Alliance and environmental representatives, CWCB, CDWR, San Juan National Forest, Southern Ute Indian Tribe, and representatives from Senator Salazar's office. A facilitator was hired and it is anticipated that there will be a significant amount of public involvement in the process as the group moves forward.

LONG HOLLOW RESERVOIR (LA PLATA RIVER)

Progress has been slow in obtaining a 404 permit to move forward with the design and construction of Long Hollow Reservoir on a tributary to the La Plata River. A Memorandum of Understanding (MOU) between the Colorado Division of Wildlife, CDWR, and the La Plata Water Conservancy District (LPWCD) intended to protect the Roundtail Chub population below the confluence of Long Hollow and the La Plata River was signed by the parties in mid-May. A Memorandum of Agreement (MOA) between the LPWCD and the CDWR was also signed off in May. It was hoped that with the signing of these two documents that the 404 permit process would move forward quickly but that has not been the case. The capacity of the proposed reservoir is 5,400 af, with the first 300 af being dedicated to a Compact pool to assist with deliveries during periods of "split river" administration. The remaining pool in the reservoir will be used for irrigation purposes in Colorado ditches by exchange.

DIVISION OFFICE ISSUES AND ACTIVITIES

Water Division 7 saw quite a change in staff in 2007. We continued to build on an excellent staff with exceptional talents and expertise.

Stephanie LeMasters, our Program Assistant, left state employment in the middle of December 2006 to become a full-time mother of three. The process was started almost immediately to fill this critical position in the Division. Melissa Schneider, of Alamosa, was hired and started work on April 1, 2007 and has proved to be an excellent fit with the rest of Division 7 staff. She has quickly learned many of the nuances of water administration as well as well permitting and ably handles most of the foot traffic in the Division 7 office.

Dennis Miller, our Dam Inspector shared with Division 3, retired at the end of October 2006. The process was started prior to Dennis leaving to fill this critical position in the Divisions. No suitable internal candidate was found and an open competitive job announcement was put out in mid-March 2007. Matt Gavin was hired and started work on July 23, 2007. Dennis came back and worked with Matt, getting him up and running quickly as a major portion of the inspection had already passed prior to Matt starting.

Robert Daniels, the Water Commissioner on the Pine River, retired the end of August 2006, and David Hofmann was appointed in December to fill the position on the Pine

River. David was the Water Commissioner in Water District 46, and had assisted Bob with the administration on the Pine River.

David Hofmann's' move to District 31 from his District 46 position left a vacant position. Bob Daniels, former Water Commissioner for District 31, was hired on February 20, 2007 for that part-time position. Bob comes into the position pre-trained as he was the Water Commissioner in District 46 prior to becoming the water Commissioner in District 31 in April 2002.

Val Valentine, Lead Water Commissioner for the Pagosa Springs area, which includes Districts 29, 77 and 78, joined in the retirement rush and retired on August 31, 2007 with over 22 years of service to the state. Val's leaving left a big hole to fill in the Pagosa Springs area. Additional time was obtained and the two part-time water commissioners in the area, Sherry Schutz and Bob Formwalt, filled in to cover the duties of the District 29 commissioner. As of the end of 2007, the process was moving along to hire a replacement for the District 29 position.

The biggest change in Division 7 personnel in 2007 would have to be the decision by the Division Engineer to accept employment elsewhere. Bruce Whitehead, Division Engineer since December 1, 2005 and Assistant Division Engineer from July 1993 to November 2005, left state employment to become Director for the Southwestern Water Conservation District. Bruce's last day with the state was October 31, 2007. As of the end of 2007, the process was moving along to hire a replacement for the Division Engineers position.

While not directly a Division 7 personnel issue, the other big change was the retirement of the State Engineer, Hal Simpson, at the end of May 2007. Hal had been State Engineer since July 1992. Dick Wolfe was appointed to the State Engineer position at the end of November 2007.

For Fiscal Year 06-07, the Division 7 budget was once again managed closely based on projected monthly expenditures throughout the fiscal year. The total spending authority including both primary and secondary funds was under spent by only $80. Increased costs in both personal vehicle mileage reimbursement and State Fleet mileage charges continued to be a concern this year. Being able to retain and operate Fleet vehicles which were replaced and scheduled for return was a big help in offsetting these increased mileage costs.

During the 2007 Calendar Year, 104 new applications were filed with the water court. This is a decrease of 27 applications from 2006. Many of the applications in 2006 can be directly linked to the filing for a Recreational-In-Channel Diversion by the City of Durango for the Animas River. There were 122 consultations with the court, an increase of 20 from the previous year, 92 decrees were entered by the Court, an increase of 17 over last year. A total of 171 water rights were addressed by the court, an increase of 29 from 2006. 85 Statements of Opposition were filed with the court for the new 2007 cases. The Division Engineer continued to work closely with the water court and with water rights applicants, in trying to settle cases without going to hearing.

The number of well permits issued increased over the previous year with a total of 429 being issued in calendar year 2007. Of the 429 issued, 329 permits were issued by the Division 7 staff and 100 were issued from the Denver office. Technology was a key part of the well permitting process using GIS applications to accurately identify locations and legal descriptions, and to assist in determining the types of well permits that could be issued. Jeff Titus and Lori Torikai worked closely together on a pilot project to convert 35-acre mapped parcels dedicated to well permits to digital format for use in GIS applications. There were approximately 1400 historically mapped parcels for Water Division 7, and Jeff has successfully converted all but about 100 of these to digital format. All new 35-acre tracts dedicated for the purpose of well permitting will be maintained electronically. Jeff and Lori are to be commended for their efforts, and Division 7 has once again set the bar high for others that will be involved with this project in the future.

The well inspection program has been successful in insuring compliance with the Rules and Regulations for Well Construction and Pump Installation Rules. The well inspector for the division, Doug Pickering, has done an excellent job of building a level of trust with the well contractors and pump installers that work in this area of the state. About 354 well construction and pump installation inspections were performed during 2007, including 97 spot checks of contractors and well permits and 31 inspections or investigations to address well owners concerns or allegations. The division staff continues to work closely with representatives from county planning, particularly La Plata County, to assist in addressing water supply questions and issues for land use decisions. In addition to Hydrographic duties, Cheston Hart has worked with the local counties and/or Denver staff for the "237" team in providing comments for about 53 county land use proposals.

702 additional UTM coordinates were obtained for structures using GPS technology during 2007. The mapping project which began at the end of 2005 to obtain more accurate digital locations for structures that have not been GPS'd using the ArcMap program was completed this year, and new topographic maps that include the GPS and mapped locations were printed. All of these GPS and digitally mapped locations have been imported into Hydrobase. While many of the Water Commissioners participated in the project for their area, David Hofmann and Bob Daniels coordinated the project. The division is thankful for all of the technical GIS and GPS assistance that David and Bob have provided for the division.

Recognition of the employees of Division 7 and the San Juan/Dolores River Basin water user community is a gratifying but difficult task. Both groups are very progressive in their thinking, and it is a struggle to identify one or two individuals that are to be recognized as the best of the best for a particular year. After a considerable amount of deliberation the honors were awarded to David Hofmann (Pine River) as Water Commissioner of the Year, Carrie Weiss (Pagosa Area Water and Sanitation District) as the Water Manager of the Year and Jerry McCaw as the Water User of the Year.

UPCOMING YEAR

PRIMARY ISSUES OF INTEREST IN THE BASIN

As of March 1, 2008, the snow pack for the basin was 157% of normal which is 200% of the value for this same date in 2007. The snow course values obtained for the La Plata and Mancos snow courses maintained by our office were at 149% of normal the first part of March. Vallecito, McPhee and Navajo Reservoirs are planning on releasing water starting in March to make room for the anticipated inflows. Unless we have an unusually hot and windy spring, above normal runoff is likely and even drainages without reservoir storage can look forward to a good early irrigation season. Hopefully SW Colorado will have a monsoon weather pattern this summer similar to what was experienced in 2006 to supplement the excellent snowpack.

Other issues that will continue to be priority topics for involvement by Division 7 staff in 2008 are as follows:

1. Recreational In Channel Diversion (RICD)
   The decree for a RICD water right on the Animas River filed by City of Durango has now been granted, now implementation of the provisions of the decree will have to be dealt with. The other big question is the administration of the Animas River above the RICD. It is going to be a difficult transition to move from a basin that has never had a call to one that will have to be administered.

2. Revision of Forest Management Plan
   The San Juan Forest and BLM Management Plan is available for public comment until mid-April 2008. Although the government to government water roundtable group has raised a number of concerns and issues, it is not clear at this point how many of the concerns will be addressed in the final plan. It is expected that a number of written comments will be provided regarding water issues in the draft plan.

3. Interbasin Compact Committee Roundtable Discussions (HB 1177, SB 179)
   Basin roundtable discussions for the San Juan, Dolores and San Miguel basins will continue into 2008. Two projects from Southwestern Colorado were given preliminary approval for funding designated for water projects in SB 179. Dry Gulch Reservoir in the Pagosa Springs area was conditionally approved for the use of a grant from the funds designated for statewide projects, and the Goodman Point Water System in Montezuma County was conditionally approved for the use of "basin" funds. Both of these projects will require additional work by the Southwestern Basin Roundtable group, and other projects from this area are being proposed for consideration by the roundtable. John Porter (Dolores River) and Jennifer Russell (San Miguel) are the IBCC representatives designated from the Southwestern Roundtable.

4. Animas-La Plata Project

Construction of the Animas-La Plata Project is moving forward at a rapid pace. Topping off of the dam has occurred and the pumping station is expected to be up and testing in late 2008. As construction nears completion, many issues regarding administration and accounting of project diversions and/or allocations will need to be addressed. The complexity of the project is underlined by the number of participating parties which include: States of New Mexico and Colorado; Ute Mountain Ute and Southern Ute Indian Tribes; United States governments and Bureau of Reclamation; municipalities of Durango, Colorado and Farmington, New Mexico; Navajo Nation; San Juan Water Commission of New Mexico; Animas-La Plata Conservancy District; and Southwestern Water Conservation District. Pursuant to the Decree entered in Case 01CW54, an application for a Finding of Diligence was submitted to the court in 2007, and was granted with very little opposition. The previous decisions regarding ALP entered by the Division 7 Water Court are under appeal to the Supreme Court.

5. La Plata River Compact

Administration of the Interstate Compact with New Mexico will provide challenges as always, and will require daily monitoring and administration during the compact period (February 15th through November 30th). High snowpack this winter, which also extended to lower elevations, contributed to much above normal flow in the La Plata River and by the end of March many irrigators in Colorado began diversions. New Mexico has yet to place a call for deliveries of water pursuant to the Interstate Compact.

6. Long Hollow Reservoir Permitting and Feasibility

While the MOA between the Division of Water Resources and the La Plata Water Conservancy District and the MOU between the Division of Wildlife, CDWR and LPWCD, were both finalized in 2007 the 404 permitting process is moving very slowly, if at all. Until the 404 permit is issued, the feasibility and design phase of the project cannot proceed.

7. Dolores Project Operations

Division staff will continue to take part in discussions and negotiations on operations of the Dolores Project. There are a number of pending court applications filed by the DWCD, and the Dolores River Dialogue Group continues to meet to discuss releases and downstream fisheries in the Dolores River below McPhee Reservoir.

8. CWCB In-Stream-Flow Program

A filing was made by the Pine River Irrigation District for a storage allocation that could be used as a quasi-in-stream flow right on the Pine River below Vallecito Reservoir to just below the Town of Bayfield. Numerous statements of opposition were submitted in that case. Water Resources will continue to participate in negotiations regarding the filing. Other parties involved in the filing are the CWCB, Pine River Irrigation District, and the Southern Ute Indian Tribe. The Dolores Water

Conservancy District is expected to continue discussions for a greater level of protection for flows below McPhee Reservoir on the Dolores River.

In addition to the water issues listed above relevant to the basin, numerous interstate and intrastate issues will also have a potential impact on water use and administration in Water Division 7 in the future. These include:

INTERSTATE ISSUES:

1. Colorado River Compact and shortages
2. Upper Colorado River Compact
3. La Plata River Compact, storage project development
4. Water quality issues regarding trans-mountain and trans-basin diversions
5. Endangered Species Act and possible revisions
6. Hydrologic Determination, Navajo-Gallop Project
7. Navajo Reservoir Operations and Procedures
8. Navajo Tribal Water Rights Settlement (New Mexico)
9. Animas-La Plata Compact and future administration/allocations

INTRASTATE ISSUES:

1. Interbasin Compact Committee, HB 1177
2. RICD water rights, Compact development impairment
3. Dam design and reservoir spillway design criteria
4. USFS Ditch Bill and Special Use Permitting, By-pass flows
5. Objections/challenges to Indian Water Rights Settlement
6. Forest Management Plan and Wild & Scenic Eligibility/Suitability
7. San Juan River Depletion Modeling, CDSS
8. Evaluation and administration of Substitute Water Supply Plans
9. Rapid population growth, changing water demands

AGENCY AND COMMUNITY INVOLVEMENT

The Division 7 staff works cooperatively with many other groups and agencies, and remains active in the local community to assist in increasing the understanding of water issues relevant to Southwestern Colorado.

Southwestern Water Conservation District
San Juan Conservancy District
Rio Blanco River Restoration Group
Pine River Irrigation District
Southern Ute Indian Tribe
Animas – La Plata Water Conservancy District
Florida Water Conservancy District
Durango City Water Board
Durango City Council
Children's Water Festival – Montezuma County
Children's Water Festival – La Plata County
SWCD Water Seminar

La Plata Water Conservancy District
Dolores Water Conservancy District
Mancos Water Conservancy District
Mancos (Soil) Conservation District
Colorado Oil and Gas Conservation Commission
WIP (Water Information Program)
Water 101 Groups
State Water Supply Initiative (SWSI)
Navajo River Operating Committee
DNR Leadership Team
DNR IT Liaison's Group
DNR Hydrobase Committee
La Plata County Advisory Committee
La Plata County Planning Department
Archuleta County Planning Department
Montezuma County Planning Department
Dolores County Planning Department
San Juan Basin Health
Colorado Water Quality Control Commission
San Juan National Forest & BLM
Colorado Water Officials Association
Colorado Division of Wildlife
Bureau of Reclamation

SUMMARY

It is with great pride that the 2006-2007 Annual Report for Water Division 7 is submitted on behalf of the entire staff. The report is a compilation of narrative and data which was relevant to the entire year. Everyone in the division has played a crucial role in the publication of this report which begins with the recording of diversions and stream flow information in Southwestern Colorado. The employees of Division 7 are to be commended for their dedication to the water users in this part of the state.

We in Division 7 are looking forward to working with the new Division Engineer in the years to come.

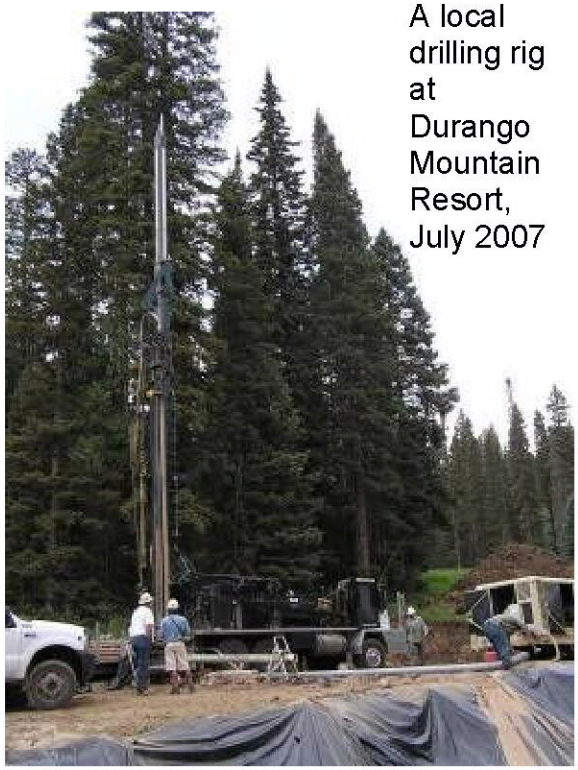
Respectfully Submitted on behalf of the Division 7 staff,

Scott D. Brinton
Acting Division Engineer, Division 7
April 3, 2008

The Year in Photos

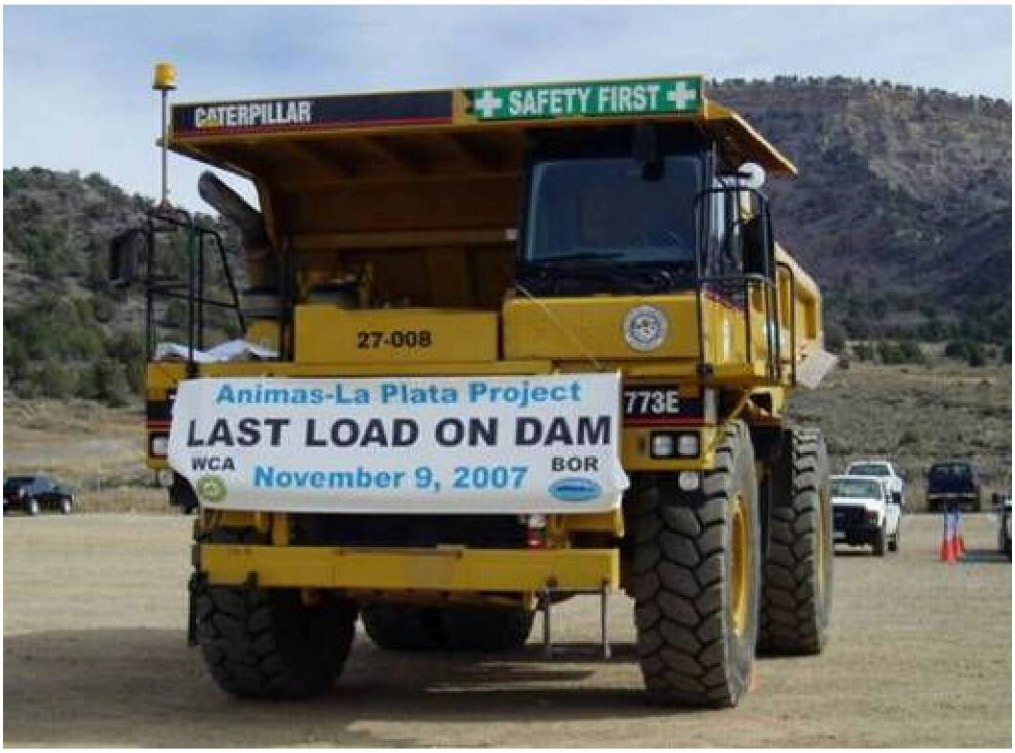
The water fights escalated to new heights this year on the Florida River.

Brian Boughton, Hydrographer and Cheston Hart, EIT installing a new gage on the Lower Blanco River in July 2007.



A local drilling rig at Durango Mountain Resort, July 2007

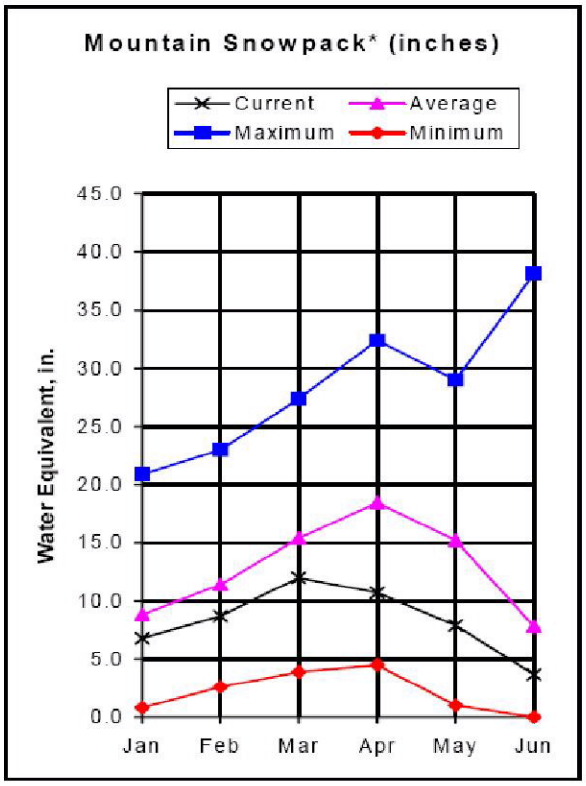
Evidence that Water Year 2008 is going to be very, very wet; Picture taken January 2008.

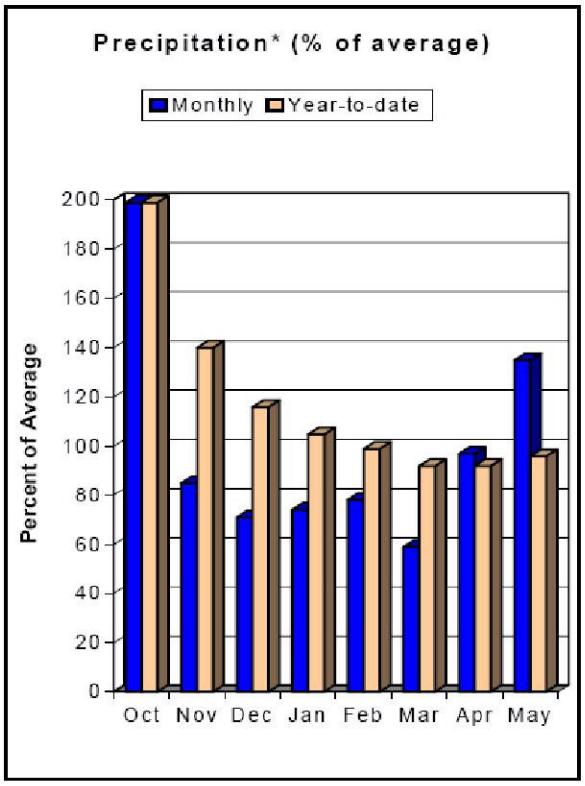


The topping out ceremony for the High Ridges Basin Dam for the Animas-La Plata Project.

The sign below marks where the water will be when the reservoir is full.

SAN MIGUEL, DOLORES, ANIMAS, AND SAN JUAN RIVER BASINS
as of June 1, 2007





*Based on selected stations

The San Miguel, Dolores, Animas and San Juan River basins benefited substantially from the May precipitation. Although basinwide snowpack percentages declined to only 47 percent of average on June 1, the monthly decline was the least measured in any basin of the state this month. The additional precipitation has helped to improve soil moisture at lower elevations, so runoff efficiency from the remaining snowpack should be improved. Basinwide precipitation during May was 135 percent of average. May was the only month with above average precipitation, and was the highest percent of average monthly precipitation, since October 2006. The additional moisture has helped to substantially improve streamflow forecasts at most forecast points. While all forecasts remain below average in these basins, this month's forecasts show good improvements over last month's forecasts. Some of the greatest improvements were seen on the San Miguel, Piedra, Animas, and the inflow into Navajo Reservoir. With these latest improvements, the April - July streamflow forecasts in these major basins now range from 60 percent of average for the inflow into McPhee Reservoir, to 83 percent of average on the San Miguel near Placerville. Reservoir storage has continued to improve in these basins. Storage has increased again this month, and is now 119 percent of average. These volumes are 106 percent of those in storage at this time last year.

***Information retrieved from the USDA Colorado Basin Outlook Report June 1, 2007.

TRANSMOUNTAIN DIVERSION SUMMARY ----- 2007 OUTFLOWS

SOURCE								RECIPIENT		
				10-YEAR AVG.		CURRENT YEAR				
WD	ID	NAME	STREAM	AF	DAYS	AF	DAYS	WD	ID	STREAM
29	4669	TREASURE PASS DITCH	SAN JUAN RIVER	158.4	33.6	199.54	23	20	921	RIO GRANDE RIVER
30	4660	CARBON LAKE DITCH	ANIMAS RIVER	176.2	43.8	0	0	68	692	UNCOMPAHGRE RIVER
30	4661	MINERAL POINT DITCH	ANIMAS RIVER	60.5	25.2	0	0	68	609	UNCOMPAHGRE RIVER
30	4662	RED MOUNTAIN DITCH	ANIMAS RIVER	124.3	51.4	0	0	68,41	604,549	UNCOMPAHGRE RIVER
31	4638	PINE RIVER-WEMINUCHE PASS D.	PINE RIVER	449.2	55.6	529.38	66	20	919	RIO GRANDE RIVER
31	4637	WEMINUCHE PASS DITCH	PINE RIVER	853.4	28.6	1046.5	29	20	922	RIO GRANDE RIVER
78	4672	WILLIAMS CREEK-SQUAW PASS D.	PIEDRA RIVER	377.9	94.6	466.06	88	20	923	RIO GRANDE RIVER
78	4670	DON LA FONT #1 (S RIVER PEAK)	PIEDRA RIVER	2.3	3.9	14.82	8	20	917	RIO GRANDE RIVER
78	4671	DON LA FONT #2 (PIEDRA PASS D.)	PIEDRA RIVER	10.5	5.1	254.13	85	20	918	RIO GRANDE RIVER

2007 RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR	SOURCE STREAM	AMOUNT IN STORAGE (AF)				
				Minimum		Maximum		End of
				AF	Date	AF	Date	Year
29	3507	Harris Bros Boone Res 2	Blanco River	5.1	09/10/07	229.7	05/23/07	5.1
29	3644	Borns Lake Reservoir	West Fk. San Juan R.	67.9	11/01/06	67.9	06/06/07	67.9
29	3654	Echo Canyon Reservoir	Echo Creek	2,148.8	11/01/06	2,148.8	11/01/06	2,148.8
29	3682	Thomas Reservoir	San Juan R.	58.0	11/01/06	58.0	05/15/07	58.0
29	3848	Mountain View Reservoir	Four Mile Creek	925.0	11/01/06	925.0	10/31/07	925.0
		Total of all < 50 AF		176.2		265.5		233.6
		Total for District 29		3,381.0		3,694.9		3,438.4

2007 RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR	SOURCE STREAM	AMOUNT IN STORAGE (AF)				
				Minimum		Maximum		End of
				AF	Date	AF	Date	Year
30	3534	Andrews Lake	Lime Creek	131.0	11/01/06	131.0	06/18/07	131.0
30	3536	Cascade	Elbert Creek	14,520.0	05/01/07	22,055.0	08/01/07	20,984.0
30	3540	Haviland Lake	Elbert Creek	526.0	11/01/06	526.0	07/12/07	526.0
30	3546	Ice Lake	Elbert Creek	408.0	04/09/07	416.0	05/24/07	416.0
30	3547	Keeler Lake	Elbert Creek	488.0	11/01/06	488.0	06/07/07	488.0
30	3548	Lake of the Pines*	Little Cascade Creek	58.0	09/20/07	65.0	10/09/07	65.0
30	3560	Turner Ponds	Animas River	42.0	05/10/07	84.0	05/15/07	84.0
30	3561	Turner Reservoir	Waterfall Creek	382.0	01/02/07	472.0	03/19/07	400.0
30	3576	Florida Canal and Res	Florida River	330.8	05/04/07	428.5	08/02/07	420.3
30	3581	Lemon Reservoir	Florida River	21,494.0	10/11/07	40,103.0	06/15/07	22,343.0
30	3622	Henderson Lake	Animas River	57.8	11/01/06	57.8	07/10/07	57.8
30	3625	Naegelin Lake	Junction Creek	297.0	01/02/07	349.0	05/14/07	297.0
30	3630	Twilight Lake	Purgatory Creek	60.0	11/01/06	60.0	06/07/07	60.0
30	3707	Johnson Reservoir	Coal Creek	708.0	10/30/07	953.0	12/04/06	708.0
30	3724	Johnson Lake #2	Wildcat Canyon	23.0	11/01/06	37.1	05/08/07	23.0
30	3817	Dry Lake	Animas River	40.0	02/08/07	55.0	04/09/07	50.0
		Total of all < 50 AF		261.8		307.5		276.8
		Total for District 30		39,827.4		66,587.9		47,329.9

2007 RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR	SOURCE STREAM	AMOUNT IN STORAGE (AF)				
				Minimum		Maximum		End of
				AF	Date	AF	Date	Year
31	3517	Wommer Reservoir	Little Bear Creek	152.6	11/01/06	208.5	03/27/07	189.6
31	3518	Vallecito Reservoir	Pine River	67,993.1	10/31/07	125,871.5	06/03/07	67,993.1
		*Total of all < 50 AF		0.0		0.0		0.0
		Total for District 31		68,145.7		126,080.0		68,182.7

*No Reservoir Observation records kept for reservoirs <50 af in WD 31

2007 RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR	SOURCE STREAM	AMOUNT IN STORAGE (AF)				
				Minimum		Maximum		End of
				AF	Date	AF	Date	Year
32	3601	Totten Reservoir	Transbasin Water	2,999.0	11/01/06	3,159.2	09/24/07	3,097.1
32	3602	Narraguinnep Reservoir	Transbasin Water	5,187.3	09/26/07	18,959.9	06/04/07	6,301.2
32	3603	A M Puett Reservoir	Transbasin Water	866.0	11/01/06	2,386.2	04/16/07	1,200.5
		Total of all < 50 AF		62.7		73.3		72.4
		Total for District 32		9,115.0		24,578.6		10,671.2

2007 RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR	SOURCE STREAM	AMOUNT IN STORAGE (AF)				
				Minimum		Maximum		End of
				AF	Date	AF	Date	Year
33	3522	Red Mesa Ward Reservoir	Hay Gulch	91.0	10/31/07	1,233.0	03/19/07	91.0
33	3523	Taylor Reservoir	La Plata River	85.6	11/01/06	85.6	10/31/07	85.6
		*Total of all < 50 AF		0.0		0.0		0.0
		Total for District 33		176.6		1,318.6		176.6

*No Reservoir Observation records kept for reservoirs <50 af in WD 33

2007 RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR	SOURCE STREAM	AMOUNT IN STORAGE (AF)				
				Minimum		Maximum		End of
				AF	Date	AF	Date	Year
34	3585	Bauer Reservoir No 1	Crystal Creek	27.4	10/31/07	357.0	04/03/07	27.4
34	3586	Bauer Reservoir No 2	Chicken Creek	299.4	10/31/07	1,532.9	04/05/07	299.4
34	3589	Jackson Gulch Reservoir	West Fork Mancos R	6,052.0	02/28/07	9,977.0	05/31/07	6,116.0
34	3590	L A Bar Reservoir	Chicken Creek	48.0	11/01/06	66.9	08/01/07	54.6
34	3592	Sellers & McClane Res	Mud Creek	0.0	10/30/07	41.5	03/15/07	0.0
34	3594	Weber	Middle Fork Mancos R	145.1	10/30/07	458.9	04/04/07	145.1
		Total of all < 50 AF		23.8		49.2		27.5
		Total for District 34		6,595.7		12,483.4		6,670.0

2007 RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR	SOURCE STREAM	AMOUNT IN STORAGE (AF)				
				Minimum		Maximum		End of
				AF	Date	AF	Date	Year
69	3529	Belmar Lake Reservoir	Rincone Creek	248.0	10/11/07	408.0	05/30/07	248.0
69	3530	Dunham Reservoir	Disappointment Creek	73.0	10/30/07	79.0	11/06/07	73.0
69	3532	Morrison Reservoir	Morrison Creek	95.0	10/30/07	116.0	04/20/07	95.0
		Total of all < 50 AF		36.0		50.6		38.1
		Total for District 69		452.0		653.6		454.1

2007 RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR	SOURCE STREAM	AMOUNT IN STORAGE (AF)				
				Minimum		Maximum		End of
				AF	Date	AF	Date	Year
71	3606	Big Pine Reservoir	Lost Canyon	0.0	09/27/07	259.0	03/15/07	0.0
71	3607	Buck Pasture Reservoir	Beaver Creek	13.0	11/01/06	53.0	04/11/07	16.0
71	3610	Ethel Belmear Reservoir	Beaver Creek	80.0	10/30/07	87.0	11/01/06	80.0
71	3612	Groundhog Reservoir	Groundhog Creek	15,940.0	11/01/06	21,688.0	05/10/07	15,940.0
71	3613	Lost Canyon Lake	Lost Canyon	99.6	10/30/07	106.0	04/20/07	99.6
71	3614	McPhee Reservoir	Dolores River	268,556.0	12/02/06	381,878.0	06/01/07	287,879.0
71	3619	Summit Reservoir	Lost Canyon	891.0	10/23/07	4,363.0	04/16/07	891.0
		Total of all < 50 AF		13.0		16.2		13.0
		Total for District 71		285,592.6		408,450.2		304,918.6

2007 RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR	SOURCE STREAM	AMOUNT IN STORAGE (AF)				
				Minimum		Maximum		End of
				AF	Date	AF	Date	Year
77	3512	Spence Reservoir	Coyote Creek	200.6	07/12/07	401.2	05/08/07	342.0
77	3696	Sappington Reservoir	Coyote Creek	190.0	08/08/07	291.7	05/08/07	263.1
77	3699	Gomez Reservoir	Coyote Creek	33.4	11/01/06	61.7	05/15/07	44.1
		Total of all < 50 AF		15.4		15.4		15.4
		Total for District 77		439.4		770.0		664.6

2007 RESERVOIR STORAGE SUMMARIES BY DISTRICT

WD	ID	RESERVOIR	SOURCE STREAM	AMOUNT IN STORAGE (AF)				
				Minimum		Maximum		End of
				AF	Date	AF	Date	Year
78	3624	Dunagan Reservoir	Stollsteimer Creek	0.0	08/27/07	75.0	05/07/07	0.7
78	3626	G S Hatcher	Stollsteimer Creek	1,342.4	11/30/06	1,735.0	02/28/07	1,435.3
78	3629	Linn and Clark Reservoir	Dutton Creek	1,160.5	10/31/07	1,230.0	04/28/07	1,160.5
78	3633	Pargin Reservoir	Stollsteimer Creek	380.0	11/01/06	388.0	12/29/06	380.0
78	3636	Pinõn Lake	Dutton Creek	23.8	11/01/06	168.5	06/29/07	99.1
78	3642	Williams Creek Reservoir	Williams Creek	10,084.0	11/01/06	10,084.0	04/19/07	10,084.0
78	3644	Lake Forest	Dutton Creek	401.7	10/31/07	465.0	11/30/06	401.7
78	3645	Stevens Reservoir*	Dutton Creek	0.0	11/30/06	40.0	11/01/06	0.0
78	3646	Town Center Lake	Dutton Creek	509.2	09/28/07	630.0	04/01/07	533.8
78	3650	Palisade Lake	Middle Fork Piedra R	50.0	11/01/06	50.0	10/31/07	50.0
		Total of all < 50 AF		88.4		104.8		89.4
		Total for District 78		14,040.0		14,970.3		14,234.5

2007 WATER DIVERSION SUMMARIES

WD	STRUCTURES REPORTING			ALL OTHER STRUCTURES		ESTIMATED	TOTAL	TOTAL	TO IRRIGATION		
	WITH RECORD (1)	NO WATER AVAILABLE (2)	NO WATER TAKEN (3)	NO INFORMATION AVAILABLE (4)	NO RECORD (5)	NUMBER OF RECORDED READINGS AT STRUCTURE	DIVERSIONS (ACRE-FEET)	DIVERSIONS TO STORAGE (ACRE-FEET)	TOTAL DIVERSIONS (ACRE-FEET)	NUMBER OF ACRES IRRIGATED	AVERAGE ACRE-FEET PER ACRE
29	314	1	334	30		1,265	107,003	84	38,071	10,126	3.76
30	1,081	30	656	2		6,510	281,538	29,358	167,616	31,318	5.32
31	541	14	367	3		3,529	558,542	62,545	207,194	49,325	4.20
32 *	381	9	319	18		4,050	352,330	18,405	255,065	58,794	4.34
33	125	20	205	1		2,573	27,127	595	19,954	5,706	3.50
34 **	318	15	155	13		1,973	43,829	5,813	32,685	11,184	2.92
46	49	4	34	0		398	4,807	0	3,195	782	4.09
69	29	4	12	1		63	1,972	131	1,837	431	4.26
71	132	2	62	37		3,695	286,686	40,223	12,788	1,516	8.44
77***	109	1	68	0		687	68,817	358	16,026	2,989	5.36
78	164	2	153	9		916	25,372	1,946	17,792	4,054	4.39
TOTAL	3,243	102	2,365	114		25,659	1,758,023	159,458	772,223	176,225	4.38

Definitions:

(1) Count of structures with Daily or Infrequent Records

(2) Count of structures with NUC=B

(3) Count of structures with NUC=(A,C,D)

(4) Count of structures with NUC=(E,F)

* Total Deliveries from Dolores River Basin, Dist. 71, 226,544 A.F. of which 201,635 A.F. were for irrigation.

** Total Deliveries from Dolores River Basin, Dist. 71, 621 A.F. of which 595 A.F. were for irrigation.

*** Total Deliveries from Dist. 29, 519 A.F.

2007 WATER DIVERSION SUMMARIES TO VARIOUS USES

WD	TRANS-MOUNTAIN OUTFLOW	TRANS-BASIN OUTFLOW	EXPORT FROM STATE	MUNICIPAL	COMMERCIAL	INDUSTRIAL	RECREATION	FISHERY	RECHARGE	DOMESTIC	HOUSEHOLD USE ONLY	STOCK
29	200	6,593	50,366	1,007	1,842	0	0	8,173	0	84	0	551
30	0	0	10,482	5,344	1,208	1,283	145	8,607	0	264	0	25,754
31	1,576	0	0	1,417	164	0	0	117	0	76	0	65
32 *	0	0	0	5,551	2	22	0	0	0	7	0	1,961
33	0	489	1,859	3	8	0	0	0	0	36	0	3,831
34	0	0	0	631	5	0	0	1,086	0	20	0	3,320
46	0	0	1,589	0	0	0	0	0	0	0	0	22
69	0	0	0	0	0	0	0	0	0	0	0	4
71 **	230,165	0	0	222	2	0	85	2,506	0	14	0	647
77	0	0	49,647	0	0	0	0	1,573	0	20	0	675
78	735	0	0	2,482	9	0	8	711	0	14	0	380
TOTAL	232,676	7,082	113,943	16,657	3,240	1,305	238	22,773	0	535	0	37,210

* Municipal Use in Dist. 32 delivered from Transbasin - Dist. 71.

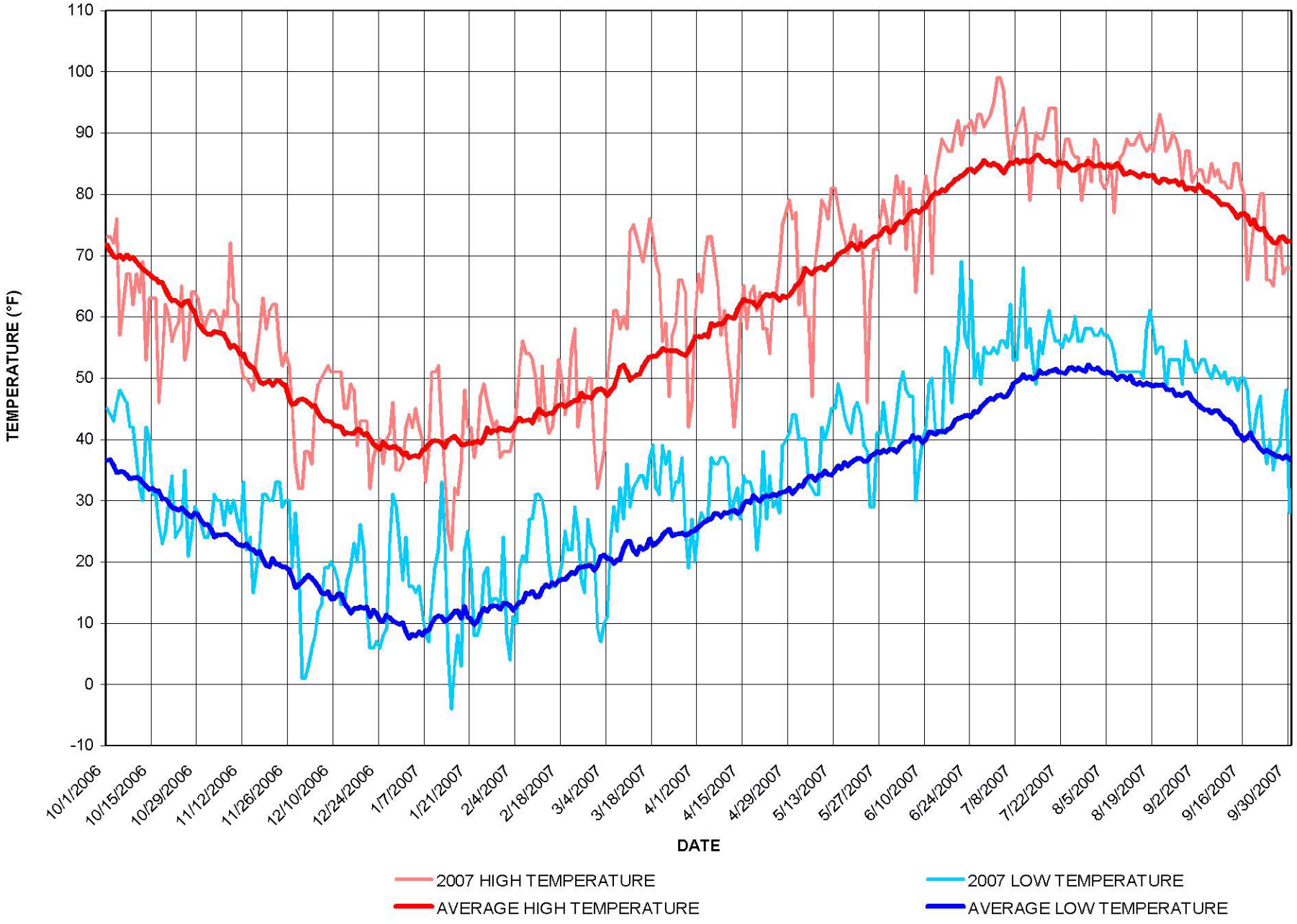
** Transbasin outflow in Dist. 71 diverted to Dist. 32 and Dist. 34.

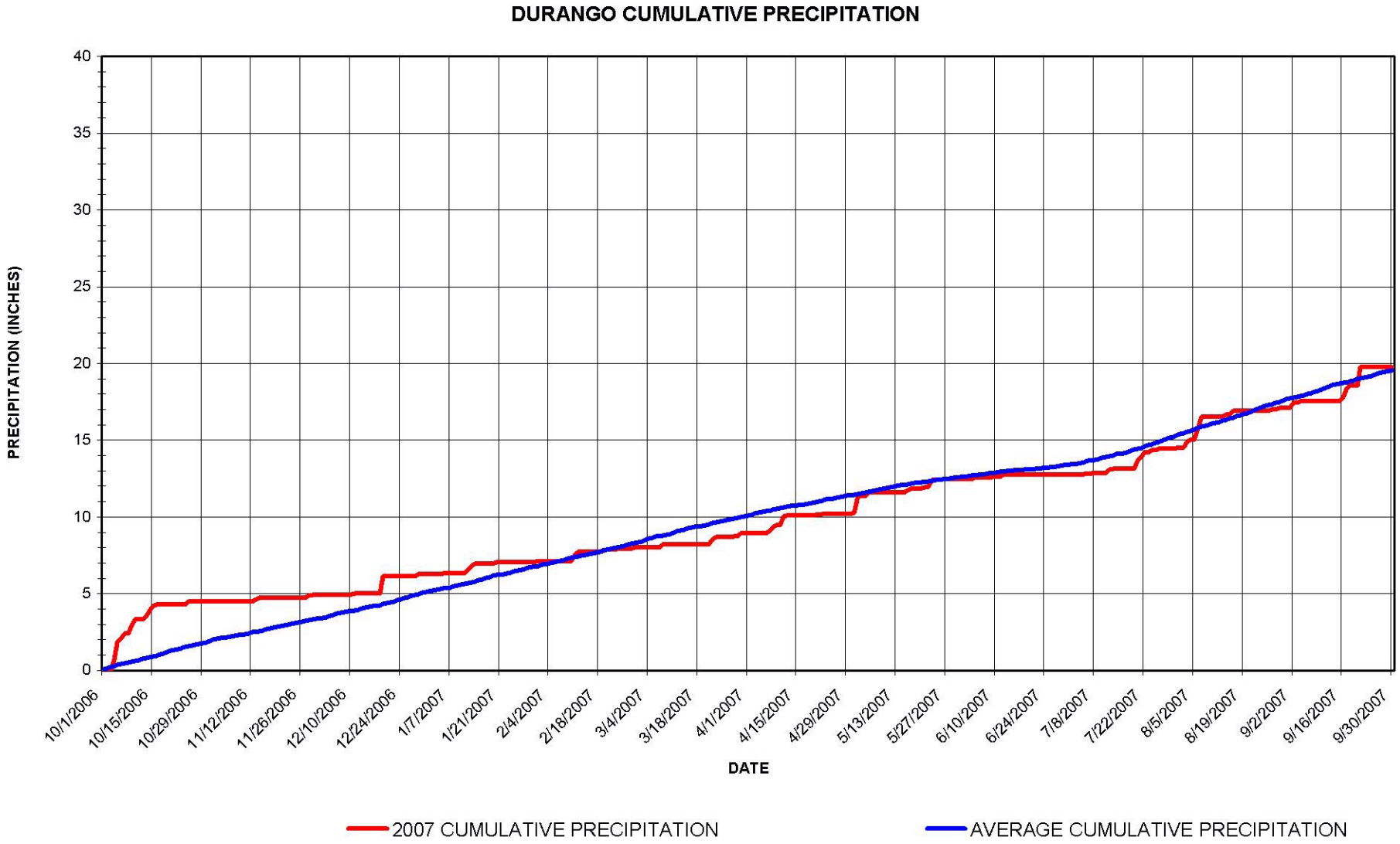
2007 WATER DIVERSION SUMMARIES TO VARIOUS USES (CONTINUED)

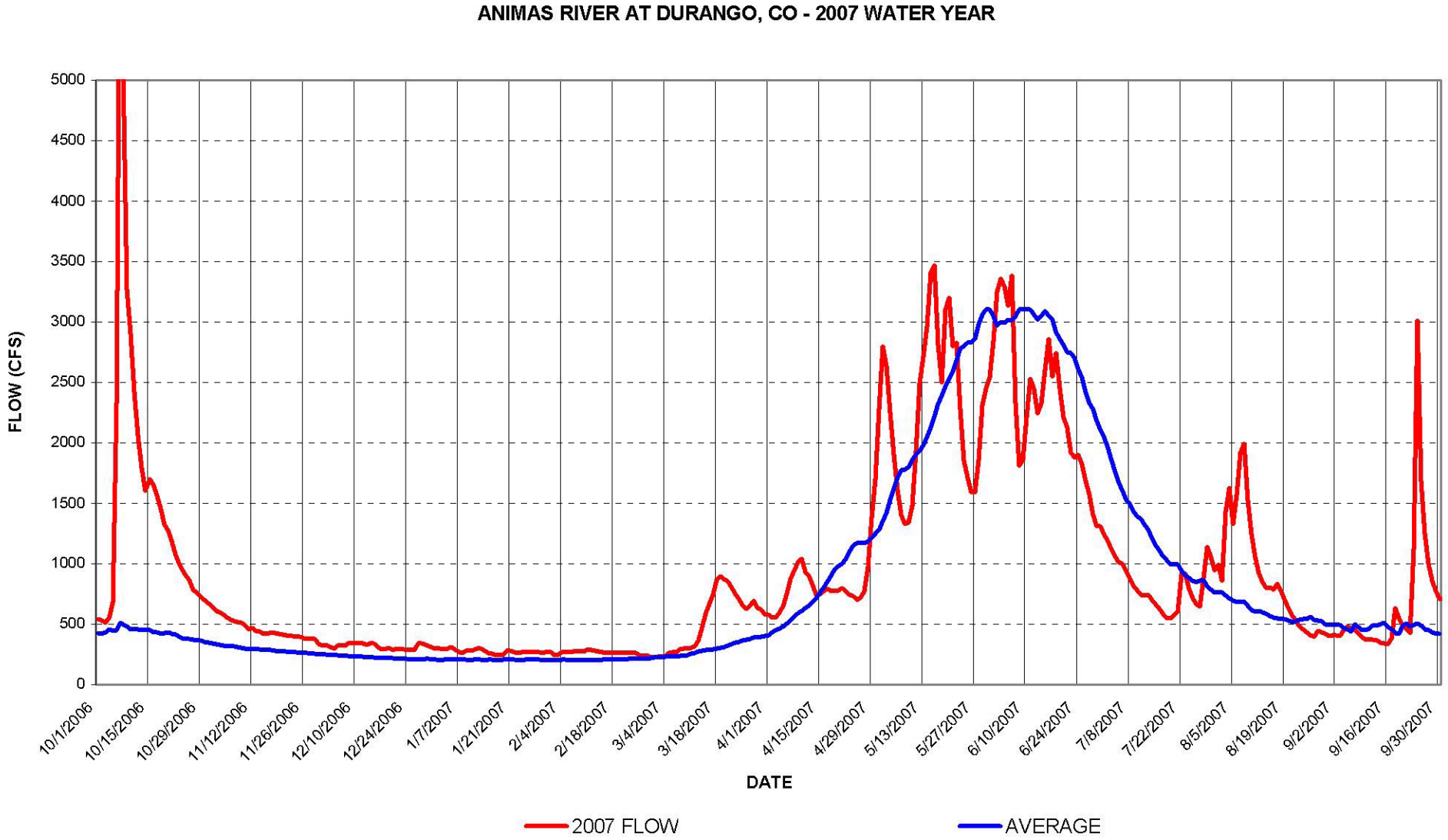
WD	AUGMENTATION	EVAPORATION	FEDERAL RESERVE	GEOTHERMAL *	SNOWMAKING	MINIMUM STREAMFLOW	POWER GENERATION	WILDLIFE	RECHARGE	OTHER	ALL BENEFICIAL USES
29	72	35	0	0	0	0	0	0	0	0	0
30	197	1,072	0	0	79	0	39,142	162	0	0	0
31	354	4,711	0	0	0	0	280,677	0	0	0	0
32	4	30	12	0	0	0	17,647	0	0	0	0
33	8	0	0	0	0	0	0	0	0	351	0
34	32	6	227	0	0	0	11,467	0	2	0	0
46	0	2	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0
71	2,847	32	0	0	0	0	29,157	3	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0
78	0	16	0	0	0	0	0	0	0	0	0
TOTAL	3,514	5,904	239	0	79	0	378,090	165	2	351	0

* Geothermal water included in Commercial, Municipal, and Recreation categories.

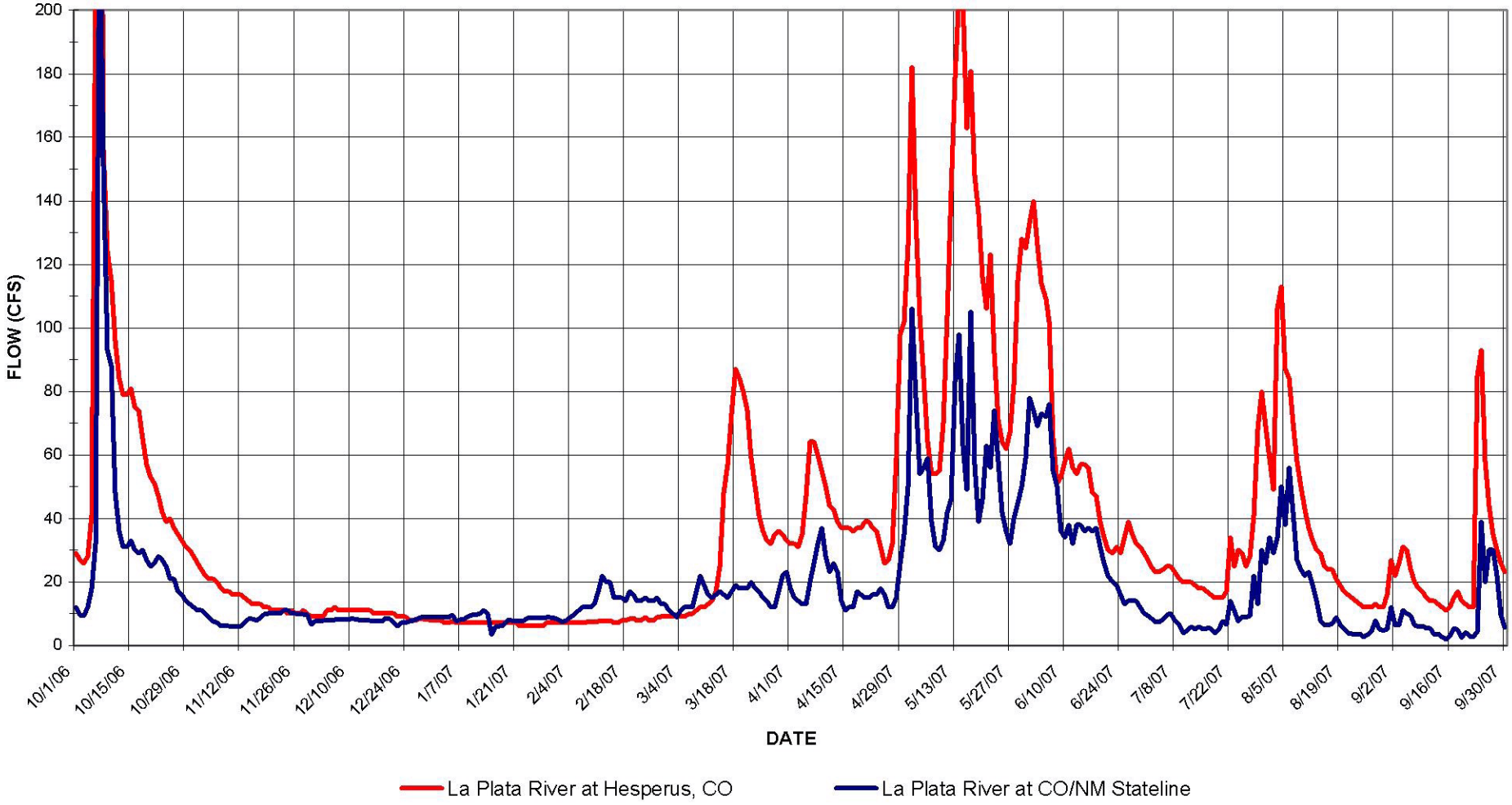
DURANGO TEMPERATURES




DURANGO CUMULATIVE PRECIPITATION
PRECIPITATION (INCHES)
0
5
10
15
20
25
30
35
40
10/1/2006
10/15/2006
10/29/2006
11/12/2006
11/26/2006
12/10/2006
12/24/2006
1/7/2007
1/21/2007
2/4/2007
2/18/2007
3/4/2007
3/18/2007
4/1/2007
4/15/2007
4/29/2007
5/13/2007
5/27/2007
6/10/2007
6/24/2007
7/8/2007
7/22/2007
8/5/2007
8/19/2007
9/2/2007
9/16/2007
9/30/2007
DATE
2007 CUMULATIVE PRECIPITATION
AVERAGE CUMULATIVE PRECIPITATION


ANIMAS RIVER AT DURANGO, CO - 2007 WATER YEAR
FLOW (CFS)
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
10/1/2006
10/15/2006
10/29/2006
11/12/2006
11/26/2006
12/10/2006
12/24/2006
1/7/2007
1/21/2007
2/4/2007
2/18/2007
3/4/2007
3/18/2007
4/1/2007
4/15/2007
4/29/2007
5/13/2007
5/27/2007
6/10/2007
6/24/2007
7/8/2007
7/22/2007
8/5/2007
8/19/2007
9/2/2007
9/16/2007
9/30/2007
DATE
2007 FLOW
AVERAGE

LA PLATA RIVER COMPACT - 2007 WATER YEAR



LA PLATA RIVER COMPACT MONTHLY ADMINISTRATIVE SUMMARY (ACRE-FEET)
2007 WATER YEAR

MONTH	HESPERUS STATION	LA PLATA & CHERRY CR. DITCH	PINE RIDGE DITCH	30% OF KELLER DITCH	HESPERUS TOTAL*	STATE LINE STATION	ENTERPRISE DITCH (NM)	PIONEER DITCH	DELIVERED STATE LINE TOTAL*	REQUIRED TOTAL (1/2 HESP TOTAL)*
DECEMBER	603.2	0.0	34.8	0.0	0.0	486.9	0.0	0.0	---	---
JANUARY	422.1	0.0	0.0	0.0	0.0	511.9	0.0	0.0	---	---
FEBRUARY	429.6	0.0	0.0	0.0	0.0	762.9	9.3	0.0	---	---
MARCH	2106.1	0.0	143.0	0.0	288.3	971.5	141.2	0.0	137.8	110.4
APRIL	2654.0	72.0	163.0	7.6	2896.6	1110.0	142.8	140.1	1392.9	1348.5
MAY	7182.7	1058.3	184.7	36.9	8462.7	3512.3	147.6	208.3	3868.2	3747.5
JUNE	3592.7	1079.2	89.5	18.4	4779.8	2290.3	141.2	126.1	2557.6	2507.3
JULY	1644.4	0.0	0.0	0.0	1644.4	571.8	117.8	116.6	806.3	782.4
AUGUST	2166.8	0.0	19.4	0.0	2186.2	997.6	98.1	116.5	1212.0	1146.0
SEPTEMBER	1498.9	0.0	7.1	0.0	1506.0	554.7	114.6	443.0	782.3	745.5
OCTOBER	1244.4	19.7	0.0	0.0	1264.1	552.4	105.6	20.3	678.3	641.9
NOVEMBER	492.9	0.1	0.2	0.0	493.2	151.6	119.9	13.8	285.3	252.9
TOTALS *	20351.1	2229.3	641.7	62.9	23521.3	12473.9	1138.1	1184.7	11720.7	11282.4

Comments:

•New Mexico placed a call for one half of Hesperus up to 35 cfs March 28, 2007 at 1016

•The Keller Ditch turned on 2.0 cfs on April 24, 2007 at 2:00 pm

•New Mexico placed a call (received fax) for one half of Hesperus up to 80 cfs April 30, 2007 at 0945 to be delivered the following day

•New Mexico placed a call (Tiffany Montoya called Matt Schmitt) for one half of Hesperus up to 50 cfs May 17, 2007 to be delivered the following day (New Mexico reduced the flow requirement due to ditch breach)

•New Mexico placed a call (Tiffany Montoya called Matt Schmitt) for one half of Hesperus up to 60 cfs May 18, 2007 to be delivered the following day (New Mexico reduced the flow requirement due to ditch breach)

•New Mexico placed a call (Tiffany Montoya called Matt Schmitt) for one half of Hesperus up to 80 cfs May 22, 2007 to be delivered the following day (New Mexico ditches have been repaired)

•Keller Ditch turned off @ 12:00 P.M. on June 16th

•All Colorado ditches were off starting on 07/13/2007 @ 12:00 until 07/20/2007 @ 12:00.

•All Colorado ditches were off starting on 08/24/2007 @ 09:00 until 08/28/2007 @ 08:00.

*** TOTALS ARE FOR PERIOD OF COMPACT CALL.**

UPPER BASIN COMPACT -- SAN JUAN-CHAMA DIVERSIONS

WATER YEAR	RIO BLANCO DIVERSION	LITTLE OSO DIVERSION	OSO DIVERSION	TOTAL COLO. DIVERSION	AZOTEA TUNNEL (USGS)	TEN-YEAR TOTALS (USGS)	% DIFF
1971	23,510	1,340	24,980	49,830	59,980		-20.4%
1972	28,290	1,120	24,310	53,720	58,070		-8.1%
1973	70,900	9,720	79,810	160,430	153,300		4.4%
1974	25,290	1,070	18,700	45,060	47,230		-4.8%
1975	58,780	8,120	69,200	136,100	145,100		-6.6%
1976	41,000	2,420	36,950	80,370	85,230		-6.0%
1977	13,450	37	3,930	17,417	19,390		-11.3%
1978	44,010	2,820	50,310	97,140	104,200		-7.3%
1979	60,150	8,980	87,730	156,860	164,200		-4.7%
1980	57,760	6,970	72,460	137,190	143,600	980,300	-4.7%
1981	25,690	1,640	22,260	49,590	53,960	974,280	-8.8%
1982	48,340	6,860	63,810	119,010	127,100	1,043,310	-6.8%
1983	46,960	8,110	69,680	124,750	134,300	1,024,310	-7.7%
1984	45,180	6,070	55,220	106,470	113,600	1,090,680	-6.7%
1985	32,700	9,630	44,630	86,960	91,800	1,037,380	-5.6%
1986	35,520	4,720	43,620	83,860	89,180	1,041,330	-6.3%
1987	32,120	4,380	42,360	78,860	83,050	1,104,990	-5.3%
1988	29,200	972	29,780	59,952	63,530	1,064,320	-6.0%
1989	20,400	672	26,630	47,702	48,570	948,690	-1.8%
1990	37,630	1,480	32,510	71,620	71,700	876,790	-0.1%
1991	51,730	3,930	59,780	115,440	119,400	942,230	-3.4%
1992	32,910	6,340	43,990	83,240	87,080	902,210	-4.6%
1993	34,960	6,210	52,740	93,910	98,810	866,720	-5.2%
1994	28,080	5,020	44,260	77,360	82,200	835,320	-6.3%
1995	34,980	5,220	44,840	85,040	86,270	829,790	-1.4%
1996	26,780	950	27,640	55,370	57,240	797,850	-3.4%
1997	62,320	4,450	71,470	138,240	141,200	856,000	-2.1%
1998	47,910	2,110	45,370	95,390	97,280	889,750	-2.0%
1999	58,690	2,040	55,980	116,710	120,500	961,680	-3.2%
2000	20,230	1,150	19,130	40,510	42,740	932,720	-5.5%
2001	47,710	3,900	53,740	105,350	110,600	923,920	-5.0%
2002	3,967	36	1,740	5,743	6,310	843,150	-9.9%
2003	29,850	1,130	28,040	59,020	62,460	806,800	-5.8%
2004	39,940	2,100	35,130	77,170	82,070	806,670	-6.3%
2005	63,180	6,490	75,610	145,280	152,700	873,100	-5.1%
2006	38,220	1,090	29,140	68,450	71,720	887,580	-4.8%
2007	50,370	3,160	46,490	100,020		746,380	
AVG.	38,843	3,869	44,097	86,809	90,991	878,137	-4.8%

LIMITS: 1,350,000 ACRE-FEET IN ANY TEN CONSECUTIVE YEARS, 270,000 ACRE-FEET IN ANY YEAR

WATER DIVISION SEVEN

ACTIVITY SUMMARY

FISCAL YEAR 2007

ACTIVITY	TOTAL
NUMBER OF PROFESSIONAL & TECHNICAL STAFF	6
NUMBER OF CLERICAL STAFF	1
NUMBER OF WATER COMMISSIONER FTE ASSIGNED	10.25*
NUMBER OF DECREED "SURFACE" RIGHTS (CALENDER YEAR)	147
NUMBER OF SURFACE RIGHTS ADMINISTERED	22,280
NUMBER OF WELLS ADMINISTERED	657
NUMBER OF DAMS & PONDS VISITED	2,081
NUMBER OF PLANS FOR AUGMENTATION (CALENDER YEAR)	2
NUMBER OF CONSULTATIONS WITH REFEREE (CALENDER YEAR)	122
NUMBER OF WATER COURT APPEARANCES (CALENDER YEAR)	122
NUMBER OF MEETINGS WITH WATER USERS	151
NUMBER OF MEETINGS TO RESOLVE WATER RELATED DISPUTES	98
NUMBER OF PUBLIC ASSISTANCE CONTACTS ON WATER MATTERS	14,104

*Additional 0.52 for Laser Fiche Project not included in totals

WATER COURT ACTIVITIES
CALENDAR YEAR 2007

NUMBER OF APPLICATIONS FOR DECREES	104
NUMBER OF CONSULTATIONS WITH REFEREE	122
NUMBER OF DECREES ISSUED BY WATER COURT	92

TYPE OF DECREE:

SURFACE WATER	111
GROUND WATER	20
RESERVOIRS	36
TRANSFER	1
ALTERNATE POINT	3
CHANGE IN USE	6
PLANS FOR AUGMENTATION	0
IN-STREAM FLOW	0
OTHER	4
PROTEST TO 2007 WATER CASES	85
NUMBER OF WATER RIGHTS IN DECREES:	171

TYPE OF NEW STRUCTURES:

DITCHES	25
RESERVOIRS, PONDS	9
WELLS	10
SPRINGS	6
OTHER (PIPELINES, PUMPS, ETC.)	16
TOTAL NEW STRUCTURES:	66

OFFICE ADMINISTRATION FY 2007

		FY MONTHS			
NAME	POSITION	BUDGETED	WORKED	FLEET MILEAGE	PERSONAL MILEAGE
Bruce T. Whitehead	Division Engineer	12	12	328	560
Scott D. Brinton	Asst. Div. Engineer	12	12	0	1,532
Dennis Miller	Dam Safety Engineer	12	4	5,622	386
Brian Boughton	Hydrographer	12	12	7,420	0
Cheston Hart	EIT I	12	12	8,895	0
Stephanie LeMasters	Program Asst. I	9	5.5	0	0
Melissa Schneider	Program Asst. I	3	3	0	0

* Vacancy savings 3.5 months for PA1
* Vacancy savings 8 months for Dam Safety

FULL-TIME EMPLOYEES IN THE FIELD

NAME	POSITION	DISTRICT				
John (Val) Valentine	Eng Tech II	29,77,78	12.0	12.0	10,266	1,665
Tom Fiddler	Eng Tech II	30/Florida	12.0	12.0	0	11,521
Jeff Titus	Eng Tech II	30/ Animas	12.0	12.0	0	8,315
Matthew Schmitt	Eng Tech II	33	12.0	12.0	5,909	6,556
Robert Becker	Eng Tech III	32,34,69,71	12.0	12.0	0	9,034
Denise Miller	Eng Tech II	69,71	12.0	12.0	15,640	0
Doug Pickering	Eng Tech II	Well Insp.	12.0	12.0	25,547	0
David Hofmann	Eng Tech II	31,46	6.0	6.0	6,563	240
Bob Daniels	Eng Tech II	31,46	6.0	2.0	2,873	0

PERMANENT PART-TIME EMPLOYEES IN THE FIELD

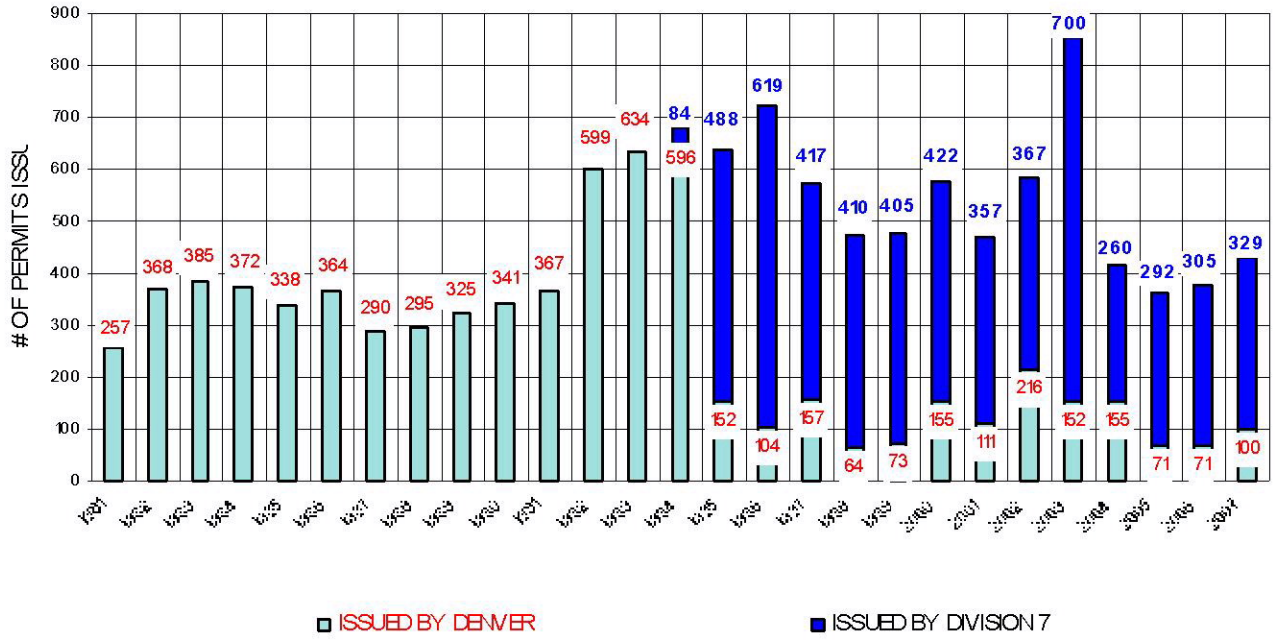
Marty Robbins	Eng Tech II	32	11.0	12.0	11,560	1,957
Wallace Patcheck	Eng Tech I	33, 30A	8.0	9.8	17,781	691
	* 30/Animas 4 months - 33/La Plata 4 months					
Sherry Schutz	Eng Tech I	77	7.5	9.5	12,969	1,407
Bob Formwalt	Eng Tech I	78	5.0	6.5	0	6,176
David Hofmann	Eng Tech II	31,46	4.6	5.8	3,719	2,360
Robert Daniels	Eng Tech I	31,46	2.9	1.6	0	1,580

TOTAL MAN-MONTHS:		207.0	197.7		
TOTAL MILES DRIVEN:				135,092	53,980

DIVISION 7
IYR 2007 RIVER CALLS

WD	RIVER	INITIAL CALLING STRUCTURE	PRIORITY No.	DATE ON CALL	MOST SENIOR CURTAILED STRUCTURE	PRIORITY No.	DATE OFF CALL	DAYS
29	COAL CREEK	No Call						
29	FOUR MILE CREEK	Mesa Ditch	58	06/28/07	Dutton Ditch	173	08/06/07	39
29	RITO BLANCO	Echo Ditch	6	07/03/07	Brown Ditch	7	09/13/07	72
30	FLORIDA RIVER	Florida Farmers Ditch	66-52	06/21/07	Florida Farmers Ditch	F-22.5	10/11/07	112
30	ELBERT CREEK (Upper)	No Call						
30	ELBERT CREEK (Lower)	Ice Lake Inlet Ditch	65-69	06/19/07	Numerous Augmentation Plans		10/30/07	133
30	LITTLE CASCADE CREEK	No Call						
31	PINE RIVER	Pine River Canal	65-32	06/27/07	Numerous Ditches	P-26	09/04/07	69
32	McELMO CREEK	No Call						
33	LA PLATA RIVER (Hesperus to State Line)	Interstate Compact	Compact	03/28/07	La Plata Irrigating Ditch	1	10/31/07	217
34	MANCOS RIVER	Henry Bolen Ditch	M-7	06/20/07	Veits Ditch	M-5	09/25/06	108
71	DOLORES RIVER	CWCB Instream Flow	05/01/1975	07/17/06	Non-Decreed Uses		05/16/07	303
77	SPRING GULCH	No Call						
77	OIL WELL CREEK	McMullen Ditch	68-50	07/02/07	Non-Decreed Uses		09/19/07	79
78	STOLLSTEIMER CREEK	No Call						

DIVISION 7 WELL PERMIT ACTIVITY



SUMMARY OF WELL PERMITS ISSUED IN DIVISION 7

CALENDAR YEAR	ISSUED BY DENVER	ISSUED BY DIVISION 7
1981	257	
1982	368	
1983	385	
1984	372	
1985	338	
1986	364	
1987	290	
1988	295	
1989	325	
1990	341	
1991	367	
1992	599	
1993	634	
1994	596	84
1995	152	488
1996	104	619
1997	157	417
1998	64	410
1999	73	405
2000	155	422
2001	111	357
2002	216	367
2003	152	700
2004	155	260
2005	71	292
2006	71	305
2007	100	329

2007 IRRIGATION YEAR SUMMARY
DISTRICT 29

		ACRE-FEET
DIRECT DIVERSIONS		
	IRRIGATION	34,993
	STORAGE	84
	STOCKWATER	550
	MUNICIPAL	1,008
	DOMESTIC	75
	INDUSTRIAL	0
	RECREATION	0
	FISH	7,894
	OTHER:COMMERCIAL,AUGMENTATION	1,189
	TRANSMOUNTAIN-TRANSBASIN	6,448
	INTERSTATE	50,366
	TOTAL DIVERSIONS.....	102,607
DELIVERIES FROM STORAGE		
	IRRIGATION	12
	DOMESTIC	5
	MUNICIPAL	0
	STOCK	0
	INDUSTRIAL	0
	RECREATION	0
	TRANSBASIN-TRANSMOUNTAIN	344
	OTHER:AUGMENTATION,ETC.	72
	TOTAL DIVERSIONS.....	433
DELIVERIES FROM TRANS SUB-BASIN		
	IRRIGATION	3,696
	STORAGE	0
	MUNICIPAL	0
	STOCK	0
	TOTAL FROM TRANSBASIN.....	3,696
DUTY OF WATER:		
	TOTAL TO IRRIGATION	38,701
	ACRES IRRIGATED	10,126
	ACRE-FEET DIVERTED PER ACRE	3.82
NUMBER OF STRUCTURES OBSERVED		645
	WATER RUN-NO INFORMATION AVAILABLE (E CODE)	17
	ACTIVE DIVERSIONS-DAILY	164
	-INFREQUENT STRUCTURES	131
	INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)	1
	-NOT USED (A,C,D, CODES)	319
	-NO INFORMATION AVAILABLE (F CODE)	13
NUMBER OF DITCHES, SURFACE RIGHTS		481
NUMBER OF RESERVOIRS		113
NUMBER OF WELLS		90
NUMBER OF OBSERVATIONS		2,725

2007 IRRIGATION YEAR SUMMARY
DISTRICT 30

	ACRE-FEET
DIRECT DIVERSIONS	
IRRIGATION	148,032
STORAGE	28,537
STOCKWATER	24,788
MUNICIPAL	5,344
DOMESTIC	228
INDUSTRIAL,POWER	16,715
RECREATION	102
FISH	8,609
OTHER:COMMERCIAL,RECHARGE,AUGMENTATION,etc..	1,022
SNOWMAKING	0
TRANSMOUNTAIN-TRANSBASIN	0
INTERSTATE	10,482
TOTAL DIVERSIONS.....	243,859
DELIVERIES FROM STORAGE	
IRRIGATION	19,593
DOMESTIC	0
MUNICIPAL	0
STOCK	954
INDUSTRIAL,POWER	15,746
RECREATION	0
TRANSBASIN-TRANSMOUNTAIN	0
OTHER:COMMERCIAL,RECHARGE,EVAP,AUGMENTATION	1,298
SNOWMAKING	79
TOTAL DIVERSIONS.....	37,670
DELIVERIES FROM TRANSBASIN	
IRRIGATION	9
STORAGE	393
MUNICIPAL	0
STOCK	0
OTHER:COMMERCIAL,RECREATION,etc.	64
TOTAL FROM TRANSBASIN.....	466
DUTY OF WATER:	
TOTAL TO IRRIGATION	167,634
ACRES IRRIGATED	31,318
ACRE-FEET DIVERTED PER ACRE	5.35
NUMBER OF STRUCTURES OBSERVED	1,747
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	0
ACTIVE DIVERSIONS-DAILY	305
-INFREQUENT STRUCTURES*	765
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)	30
-NOT USED (A,C,D, CODES)	645
-NO INFORMATION AVAILABLE (F CODE)	2
NUMBER OF DITCHES	1,061
NUMBER OF RESERVOIRS	224
NUMBER OF WELLS	498
NUMBER OF OBSERVATIONS	12,079

2007 IRRIGATION YEAR SUMMARY
DISTRICT 31

DIRECT DIVERSIONS (includes multiple sources)		ACRE-FEET
IRRIGATION		178,469
STORAGE		62,545
STOCKWATER		63
MUNICIPAL		1,194
DOMESTIC		28
POWER,INDUSTRIAL		280,677
RECREATION		0
FISH		117
OTHER:COMMERCIAL		157
TRANSMOUNTAIN-TRANSBASIN		1,575
	TOTAL DIVERSIONS.....	524,825
DELIVERIES FROM STORAGE		
IRRIGATION		28,724
DOMESTIC		0
MUNICIPAL		223
STOCK		0
INDUSTRIAL		0
RECREATION		0
TRANSBASIN-TRANSMOUNTAIN		0
OTHER:EVAPORATION,AUGMENTATION		4,686
	TOTAL DIVERSIONS.....	33,633
DELIVERIES FROM TRANSBASIN		
IRRIGATION		0
STORAGE		0
MUNICIPAL		0
STOCK		0
	TOTAL FROM TRANSBASIN.....	0
DUTY OF WATER:		
TOTAL TO IRRIGATION		207,193
ACRES IRRIGATED		49,325
ACRE-FEET DIVERTED PER ACRE		4.20
NUMBER OF STRUCTURES OBSERVED		918
WATER RUN-NO INFORMATION AVAILABLE (E CODE)		0
ACTIVE DIVERSIONS-DAILY		106
-INFREQUENT STRUCTURES		428
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)		14
-NOT USED (A,C,D, CODES)		367
-NO INFORMATION AVAILABLE (F CODE)		3
NUMBER OF DITCHES, OTHER SURFACE RIGHTS		515
NUMBER OF RESERVOIRS		96
NUMBER OF WELLS		357
NUMBER OF OBSERVATIONS		6,788

2007 IRRIGATION YEAR SUMMARY
DISTRICT 32

	ACRE-FEET
DIRECT DIVERSIONS	
IRRIGATION	35,357
STORAGE	417
STOCKWATER	35
MUNICIPAL	31
DOMESTIC	6
INDUSTRIAL	22
RECREATION	0
FISH	0
OTHER:COMMERCIAL,FEDERAL RESERVE	10
TRANSMOUNTAIN-TRANSBASIN	0
TOTAL DIVERSIONS.....	35,878
DELIVERIES FROM STORAGE	
IRRIGATION	18,045
DOMESTIC	0
MUNICIPAL	0
STOCK	452
INDUSTRIAL	0
RECREATION	0
TRANSBASIN-TRANSMOUNTAIN	0
OTHER:COMMERCIAL,AUGMENTATION,EVAPORATION	32
TOTAL DIVERSIONS.....	18,529
DELIVERIES FROM TRANSBASIN	
IRRIGATION	201,635
STORAGE	17,988
MUNICIPAL	5,445
STOCK	1,474
POWER	17,647
OTHER:AUGMENTATION	2
TOTAL FROM TRANSBASIN.....	244,191
DUTY OF WATER:	
TOTAL TO IRRIGATION	255,037
ACRES IRRIGATED	58,794
ACRE-FEET DIVERTED PER ACRE	4.34
NUMBER OF STRUCTURES OBSERVED	722
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	18
ACTIVE DIVERSIONS-DAILY	260
-INFREQUENT STRUCTURES	117
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)	9
-NOT USED (A,C,D, CODES)	318
-NO INFORMATION AVAILABLE (F CODE)	0
NUMBER OF DITCHES, SURFACE RIGHTS	566
NUMBER OF RESERVOIRS	20
NUMBER OF WELLS	41
NUMBER OF OBSERVATIONS	8,039

2007 IRRIGATION YEAR SUMMARY
DISTRICT 33

DIRECT DIVERSIONS		ACRE-FEET
IRRIGATION		19,057
STORAGE		596
STOCKWATER		3,820
MUNICIPAL		2
DOMESTIC		48
INDUSTRIAL		0
RECREATION		0
FISH		0
OTHER:COMMERCIAL		8
TRANSMOUNTAIN-TRANSBASIN		489
INTERSTATE		1,859
	TOTAL DIVERSIONS.....	24,020
DELIVERIES FROM STORAGE		
IRRIGATION		899
DOMESTIC		0
MUNICIPAL		0
STOCK		15
INDUSTRIAL		0
RECREATION		0
TRANSBASIN-TRANSMOUNTAIN		0
OTHER:RECHARGE,AUGMENTATION		8
	TOTAL DIVERSIONS.....	922
DELIVERIES FROM TRANSBASIN		
IRRIGATION		0
STORAGE		0
MUNICIPAL		0
STOCK		0
	TOTAL FROM TRANSBASIN.....	0
DUTY OF WATER:		
TOTAL TO IRRIGATION		19,956
ACRES IRRIGATED		5,706
ACRE-FEET DIVERTED PER ACRE		3.50
NUMBER OF STRUCTURES OBSERVED		350
WATER RUN-NO INFORMATION AVAILABLE (E CODE)		0
ACTIVE DIVERSIONS-DAILY		49
-INFREQUENT STRUCTURES		76
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)		20
-NOT USED (A,C,D, CODES)		204
-NO INFORMATION AVAILABLE (F CODE)		1
NUMBER OF DITCHES, SURFACE RIGHTS		286
NUMBER OF RESERVOIRS		26
NUMBER OF WELLS		56
NUMBER OF OBSERVATIONS		6,305

2007 IRRIGATION YEAR SUMMARY
DISTRICT 34

DIRECT DIVERSIONS	ACRE-FEET
IRRIGATION	24,283
STORAGE	5,762
STOCKWATER	3,266
MUNICIPAL	430
DOMESTIC	20
RECREATION	0
FISH	1,086
POWER	7,835
OTHER:COMMERCIAL,FEDERAL RESERVE,RECHARGE	238
TOTAL DIVERSIONS.....	42,920
DELIVERIES FROM STORAGE	
IRRIGATION	7,809
DOMESTIC	0
MUNICIPAL	201
STOCK	67
INDUSTRIAL	0
RECREATION	0
POWER	3,632
OTHER:FISHERY,COMMERCIAL,EVAPORATION,AUGMENTATION	37
TOTAL DIVERSIONS.....	11,746
DELIVERIES FROM TRANSBASIN	
IRRIGATION	595
STORAGE	26
MUNICIPAL	0
STOCK	0
TOTAL FROM TRANSBASIN.....	621
DUTY OF WATER:	
TOTAL TO IRRIGATION	32,687
ACRES IRRIGATED	11,184
ACRE-FEET DIVERTED PER ACRE	2.92
NUMBER OF STRUCTURES OBSERVED	498
WATER RUN-NO INFORMATION AVAILABLE (E CODE)	0
ACTIVE DIVERSIONS-DAILY	70
-INFREQUENT STRUCTURES	248
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)	15
-NOT USED (A,C,D, CODES)	152
-NO INFORMATION AVAILABLE (F CODE)	13
NUMBER OF DITCHES, SURFACE RIGHTS	420
NUMBER OF RESERVOIRS	43
NUMBER OF WELLS	41
NUMBER OF OBSERVATIONS	3,535

2007 IRRIGATION YEAR SUMMARY
DISTRICT 46

		ACRE-FEET
DIRECT DIVERSIONS		
IRRIGATION		3,196
STORAGE		0
STOCKWATER		22
MUNICIPAL		0
DOMESTIC		0
INDUSTRIAL		0
RECREATION		0
FISH		0
OTHER:EVAPORATION		2
INTERSTATE		1,589
	TOTAL DIVERSIONS.....	4,809
DELIVERIES FROM STORAGE		
IRRIGATION		0
DOMESTIC		0
MUNICIPAL		0
STOCK		0
OTHER:FISH		0
	TOTAL DIVERSIONS.....	0
DELIVERIES FROM TRANSBASIN		
IRRIGATION		0
STORAGE		0
MUNICIPAL		0
STOCK		0
	TOTAL FROM TRANSBASIN.....	0
DUTY OF WATER:		
TOTAL TO IRRIGATION		3,196
ACRES IRRIGATED		782
ACRE-FEET DIVERTED PER ACRE		4.09
NUMBER OF STRUCTURES OBSERVED		87
WATER RUN-NO INFORMATION AVAILABLE (E CODE)		0
ACTIVE DIVERSIONS-DAILY		37
-INFREQUENT STRUCTURES		12
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)		4
-NOT USED (A,C,D, CODES)		34
-NO INFORMATION AVAILABLE (F CODE)		0
NUMBER OF DITCHES, SURFACE RIGHTS		72
NUMBER OF RESERVOIRS		10
NUMBER OF WELLS		1
NUMBER OF OBSERVATIONS		807

2007 IRRIGATION YEAR SUMMARY
DISTRICT 69

DIRECT DIVERSIONS		ACRE-FEET
IRRIGATION		2,230
STORAGE		103
STOCKWATER		1
MUNICIPAL		0
DOMESTIC		0
INDUSTRIAL		0
RECREATION		0
FISH		0
OTHER:		0
	TOTAL DIVERSIONS.....	2,334
DELIVERIES FROM STORAGE		
IRRIGATION		146
DOMESTIC		0
MUNICIPAL		0
STOCK		3
OTHER:		0
	TOTAL DIVERSIONS.....	149
DELIVERIES FROM TRANSBASIN		
IRRIGATION		0
STORAGE		27
MUNICIPAL		0
STOCK		0
	TOTAL FROM TRANSBASIN.....	27
DUTY OF WATER:		
TOTAL TO IRRIGATION		2,376
ACRES IRRIGATED		430
ACRE-FEET DIVERTED PER ACRE		5.53
NUMBER OF STRUCTURES OBSERVED		44
WATER RUN-NO INFORMATION AVAILABLE (E CODE)		1
ACTIVE DIVERSIONS-DAILY		9
-INFREQUENT STRUCTURES		18
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)		4
-NOT USED (A,C,D, CODES)		12
-NO INFORMATION AVAILABLE (F CODE)		0
NUMBER OF DITCHES, SURFACE RIGHTS		36
NUMBER OF RESERVOIRS		7
NUMBER OF WELLS		1
NUMBER OF OBSERVATIONS		91

2007 IRRIGATION YEAR SUMMARY
DISTRICT 71

		ACRE-FEET
DIRECT DIVERSIONS		
	IRRIGATION	12,753
	STORAGE	40,222
	STOCKWATER	483
	MUNICIPAL	222
	DOMESTIC	13
	INDUSTRIAL	0
	RECREATION	85
	FISH	2,506
	POWER (Multiple Sources)	29,157
	OTHER:COMMERCIAL,AUGMENTATION	85
	TRANSMOUNTAIN-TRANSBASIN	134,695
	TOTAL DIVERSIONS.....	220,221
DELIVERIES FROM STORAGE		
	IRRIGATION	37
	DOMESTIC	0
	MUNICIPAL	0
	STOCK	163
	INDUSTRIAL	0
	RECREATION	0
	TRANSBASIN-TRANSMOUNTAIN	95,470
	POWER (See Direct Diversions)	0
	OTHER:AUGMENTATION,EVAPORATION	2,796
	TOTAL DIVERSIONS.....	98,466
DELIVERIES FROM TRANSBASIN		
	IRRIGATION	0
	STORAGE	0
	MUNICIPAL	0
	STOCK	0
	TOTAL FROM TRANSBASIN.....	0
DUTY OF WATER:		
	TOTAL TO IRRIGATION	12,790
	ACRES IRRIGATED	1,516
	ACRE-FEET DIVERTED PER ACRE	8.44
NUMBER OF STRUCTURES OBSERVED		224
	WATER RUN-NO INFORMATION AVAILABLE (E CODE)	13
	ACTIVE DIVERSIONS-DAILY	55
	-INFREQUENT STRUCTURES	70
	INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)	2
	-NOT USED (A,C,D, CODES)	60
	-NO INFORMATION AVAILABLE (F CODE)	24
NUMBER OF DITCHES, SURFACE RIGHTS		186
NUMBER OF RESERVOIRS		25
NUMBER OF WELLS		42
NUMBER OF OBSERVATIONS		5,681

2007 IRRIGATION YEAR SUMMARY
DISTRICT 77

DIRECT DIVERSIONS		ACRE-FEET
IRRIGATION		15,169
STORAGE		358
STOCKWATER		676
MUNICIPAL		0
DOMESTIC		20
INDUSTRIAL		0
RECREATION		0
FISH		1,572
OTHER:COMMERCIAL		0
INTERSTATE		49,647
	TOTAL DIVERSIONS.....	67,442
DELIVERIES FROM STORAGE		
IRRIGATION		372
DOMESTIC		0
STOCK		0
INDUSTRIAL		0
RECREATION		0
OTHER:FISH		0
	TOTAL DIVERSIONS.....	372
DELIVERIES FROM TRANSBASIN		
IRRIGATION		0
STORAGE		0
MUNICIPAL		0
STOCK		0
OTHER:MULTIPLE		519
	TOTAL FROM TRANSBASIN.....	519
DUTY OF WATER:		
TOTAL TO IRRIGATION		15,541
ACRES IRRIGATED		2,989
ACRE-FEET DIVERTED PER ACRE		5.20
NUMBER OF STRUCTURES OBSERVED		170
WATER RUN-NO INFORMATION AVAILABLE (E CODE)		0
ACTIVE DIVERSIONS-DAILY		77
-INFREQUENT STRUCTURES		26
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)		1
-NOT USED (A,C,D, CODES)		66
-NO INFORMATION AVAILABLE (F CODE)		0
NUMBER OF DITCHES, SURFACE RIGHTS		126
NUMBER OF RESERVOIRS		27
NUMBER OF WELLS		29
NUMBER OF OBSERVATIONS		1,799

2007 IRRIGATION YEAR SUMMARY
DISTRICT 78

DIRECT DIVERSIONS		ACRE-FEET
IRRIGATION		17,430
STORAGE		1,249
STOCKWATER		379
MUNICIPAL		29
DOMESTIC		11
INDUSTRIAL		0
RECREATION		0
FISH		711
OTHER:COMMERCIAL		8
TRANSMOUNTAIN-TRANSBASIN		735
	TOTAL DIVERSIONS.....	20,552
DELIVERIES FROM STORAGE		
IRRIGATION		358
DOMESTIC		0
MUNICIPAL		1,099
STOCK		0
INDUSTRIAL		0
RECREATION		0
TRANSBASIN-TRANSMOUNTAIN		0
OTHER:COMMERCIAL		1
	TOTAL DIVERSIONS.....	1,458
DELIVERIES FROM TRANSBASIN		
IRRIGATION		831
STORAGE		382
MUNICIPAL		1,284
STOCK		0
	TOTAL FROM TRANSBASIN.....	2,497
DUTY OF WATER:		
TOTAL TO IRRIGATION		18,619
ACRES IRRIGATED		4,054
ACRE-FEET DIVERTED PER ACRE		4.59
NUMBER OF STRUCTURES OBSERVED		308
WATER RUN-NO INFORMATION AVAILABLE (E CODE)		8
ACTIVE DIVERSIONS-DAILY		85
-INFREQUENT STRUCTURES		76
INACTIVE DIVERSIONS-NO WATER AVAILABLE (B CODE)		2
-NOT USED (A,C,D, CODES)		136
-NO INFORMATION AVAILABLE (F CODE)		1
NUMBER OF DITCHES, SURFACE RIGHTS		224
NUMBER OF RESERVOIRS		70
NUMBER OF WELLS		32
NUMBER OF OBSERVATIONS		1,661