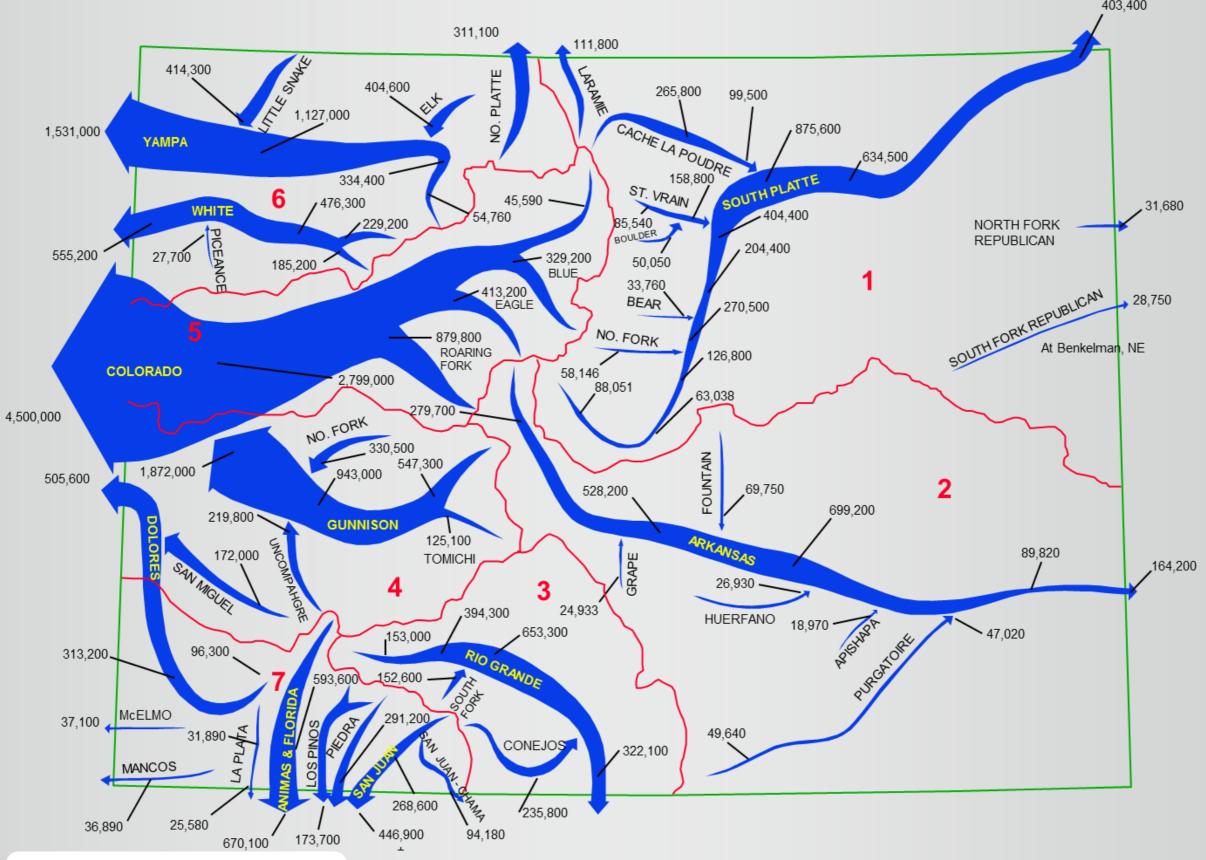




CO AVERAGE ANNUAL STREAM FLOWS (AF)



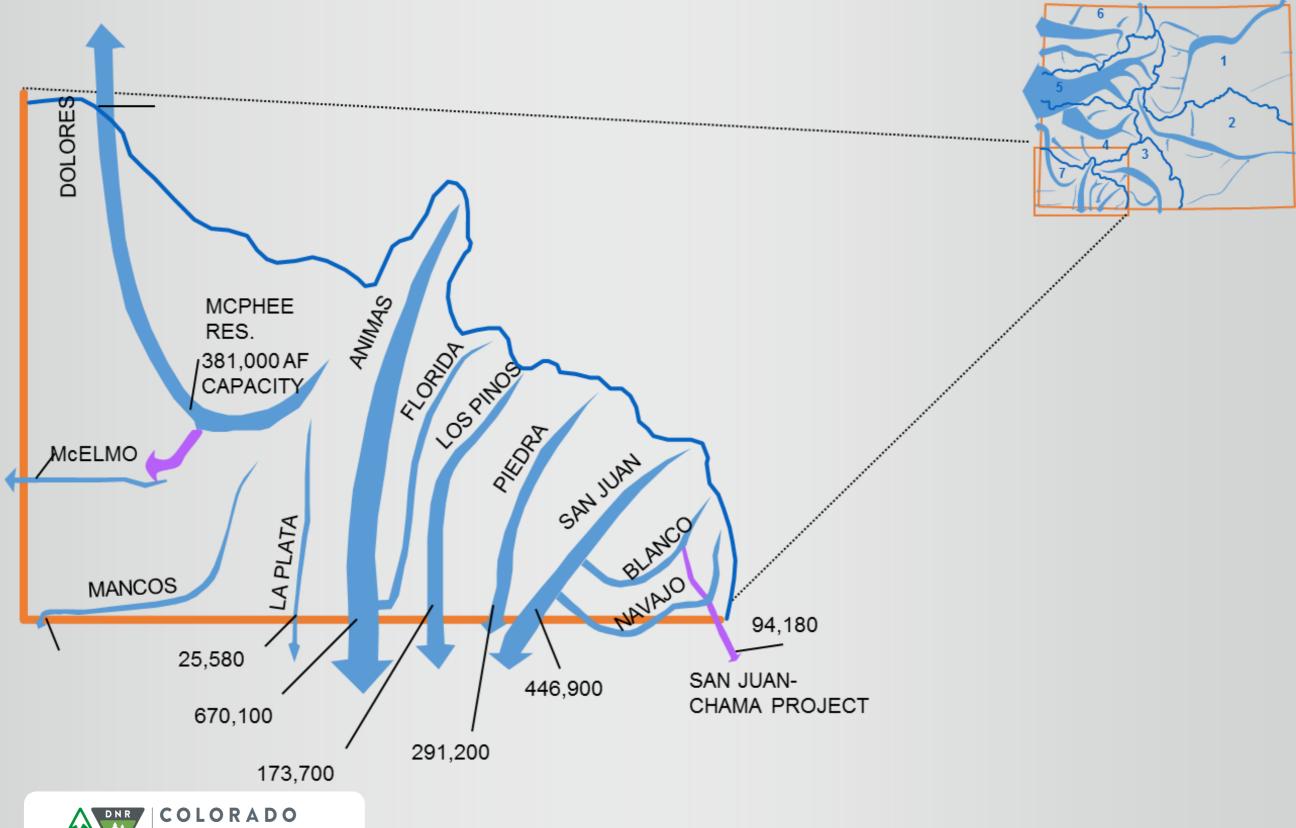




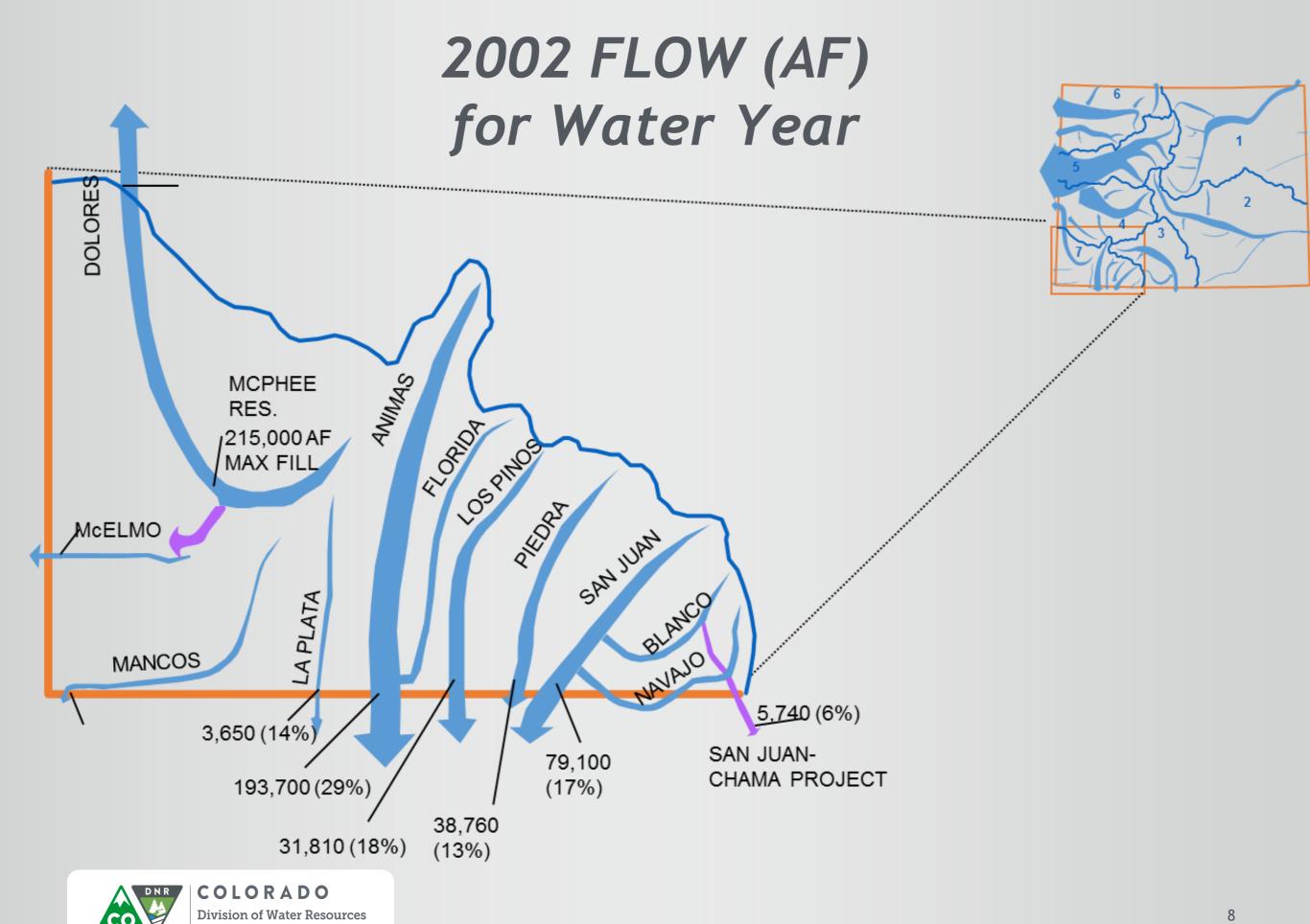
The San Juan and Dolores River Basins contribute almost 2,500,000 AF-yr which is 28% of Colorado's contributions to the Colorado River system.

Estimate uses in Division 7 to be 325,000 AF/yr (CU)

DIVISION 7 AVERAGE FLOWS (AF)

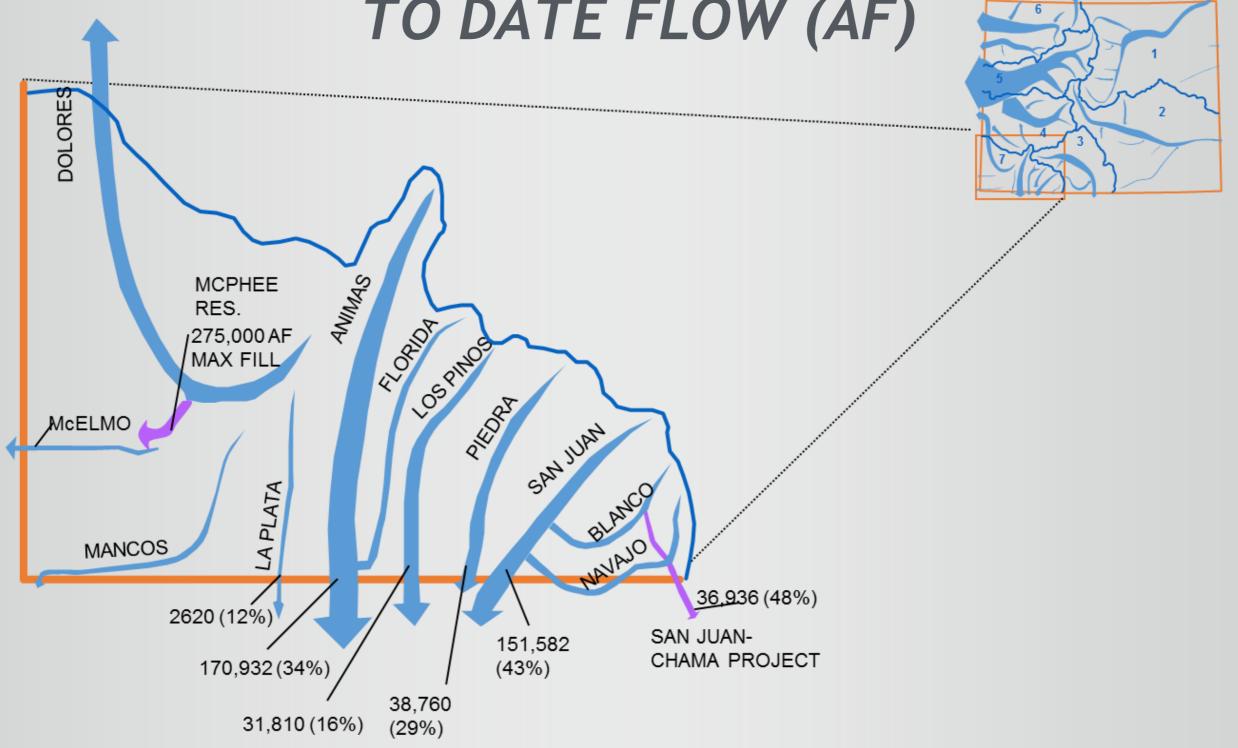


Division of Water ResourcesDepartment of Natural Resources



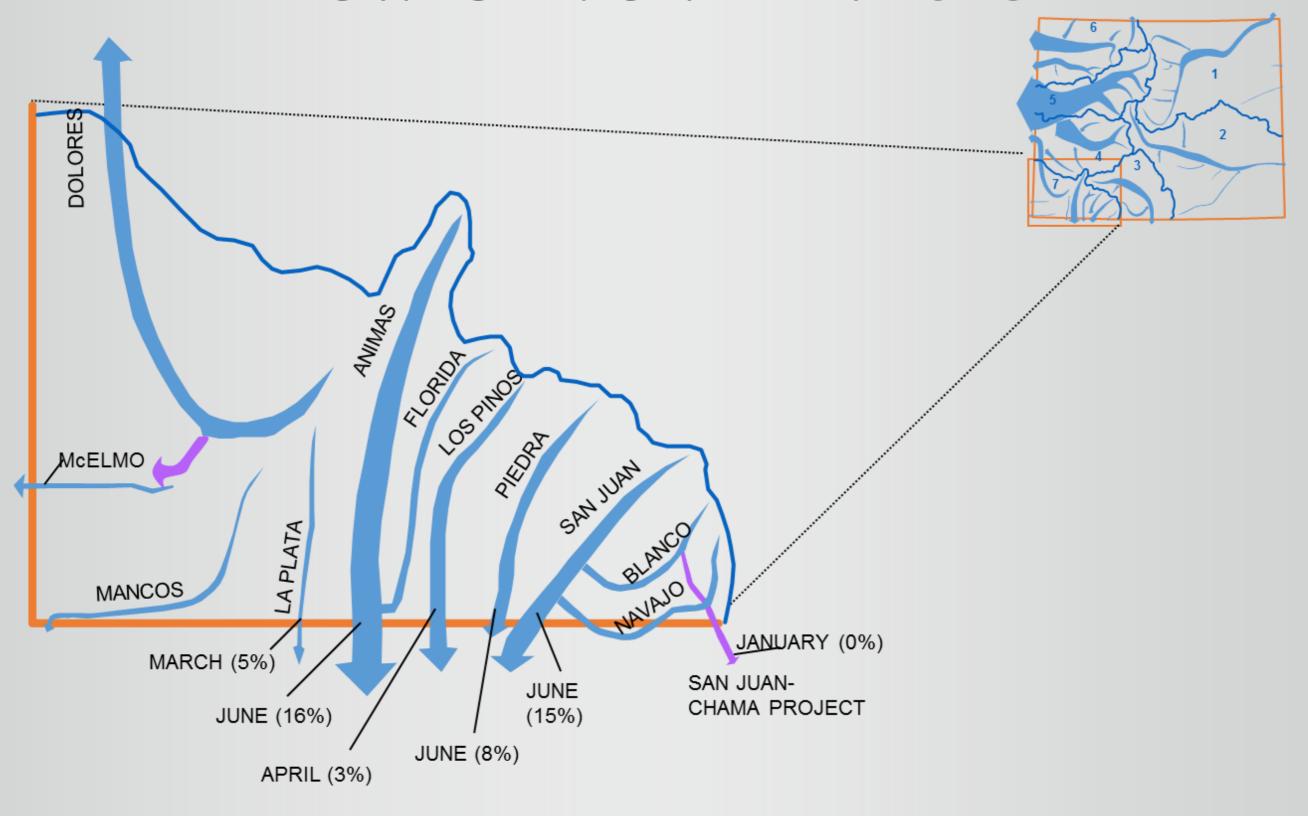
Department of Natural Resources

2018 WATER YEAR TO DATE FLOW (AF)





LOWEST MONTH IN 2018



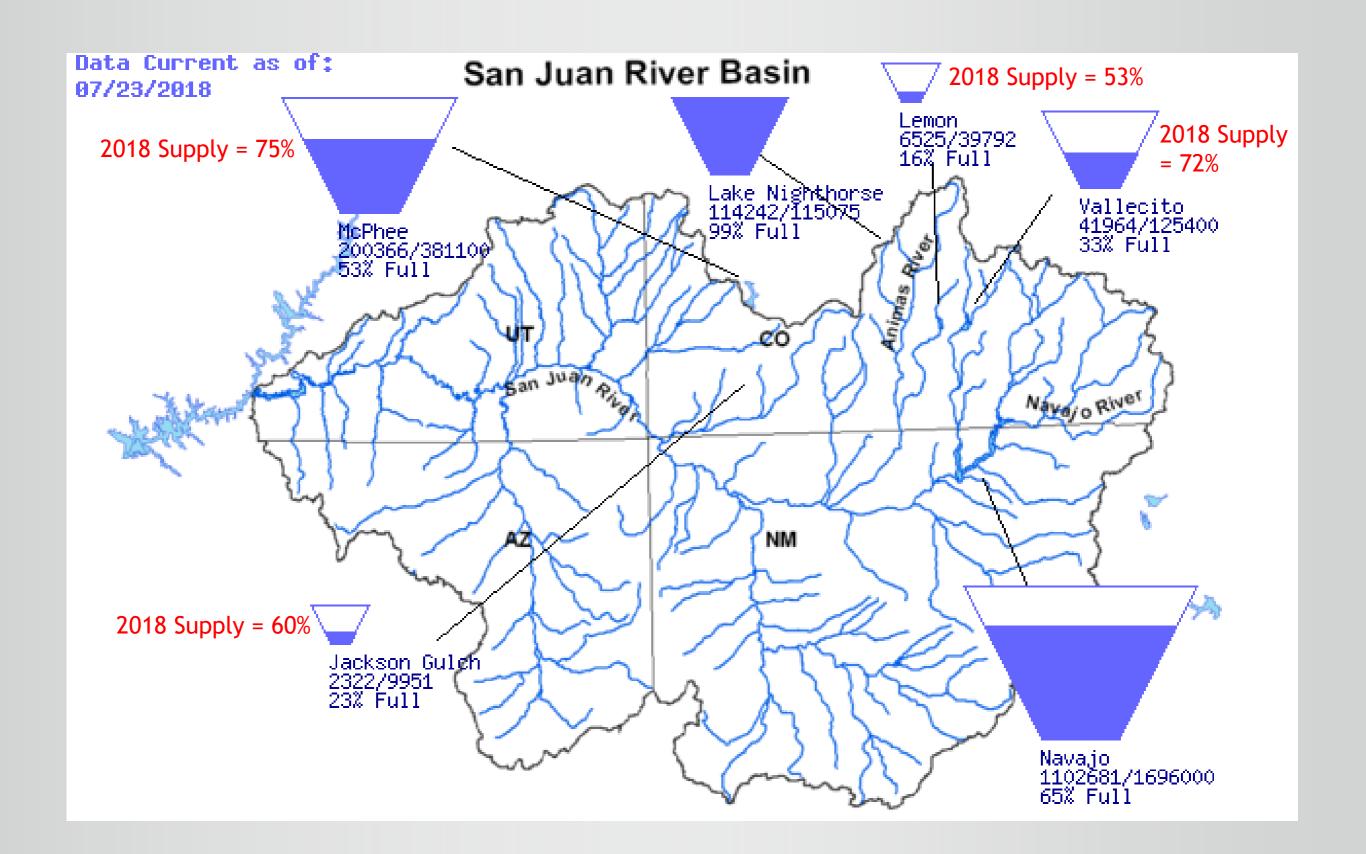


San Juan-Chama Trans-mountain/Trans-state Diversion



Where does San Juan-Chama Project water go?







Division 7 Conditions as of June 30

CURRENT DIVISION 7 WATER CONDITIONS AS OF 30-June-2018 STORAGE AVERAGE ON LAST STORAGE ON Out Of DAY OF LAST DAY OF RESERVOIR STORAGE % OF AVERAGE CAPACITY PERCENT FULL 2018 RANK MONTH MONTH Years 52 55 LEMON 9.150 33.287 27% 39.792 23% VALLECITO 63,485 105,398 60% 125,400 51% 75 78 McPHEE 67% 35 225.079 337.814 381,100 59% 31 56 NAVAJO 1,159,334 1,331,448 87% 1.696,000 68% 40 CURRENT 2018 AVE DAILY MONTHLY FLOW (cfs) MONTHLY HISTORIC % OF HISTORIC PEAK PEAK TOTAL FLOW Out Of RIVER FLOWS AVERAGE DAILY (cfs) AVERAGE DAILY AVERAGE VALUE DATE 2018 RANK Years (Last Day of Mo.) 2,768 761 6/1 107 ANIMAS/DURANGO 221 489 18% 105 DOLORES/DOLORES 34.7 82 1,301 6% 169 6/18 106 107 LA PLATA/HESPERUS 5.54 124 22.1 6/17 11.8 10% 100 101 30-YEAR THIS MONTH AS MONTHLY CURRENT MONTHLY % OF 30 YR WATER YEAR % OF AVG WTR PRECIP Out Of DURANGO WEATHER MONTH AVERAGE AVERAGE TO DATE YEAR TO DATE 2018 RANK Years PRECIP 1.33 0.61 217.0% 5.46 41% 23 124 MONTHLY AVG. OUT OF DATE MONTHLY AVG. 30 YR AVG 100 YR AVG RANK YEARS **TEMPS** HIGH 96 6/27 87.2 82.6 81.2 5 116 LOW 39 6/2 46.4 46.4 42.9 20 116

Jan.

37%

Feb.

55%

Mar.

52%

Apr

14%



Oct.

20%

Nov.

29%

Dec.

25%

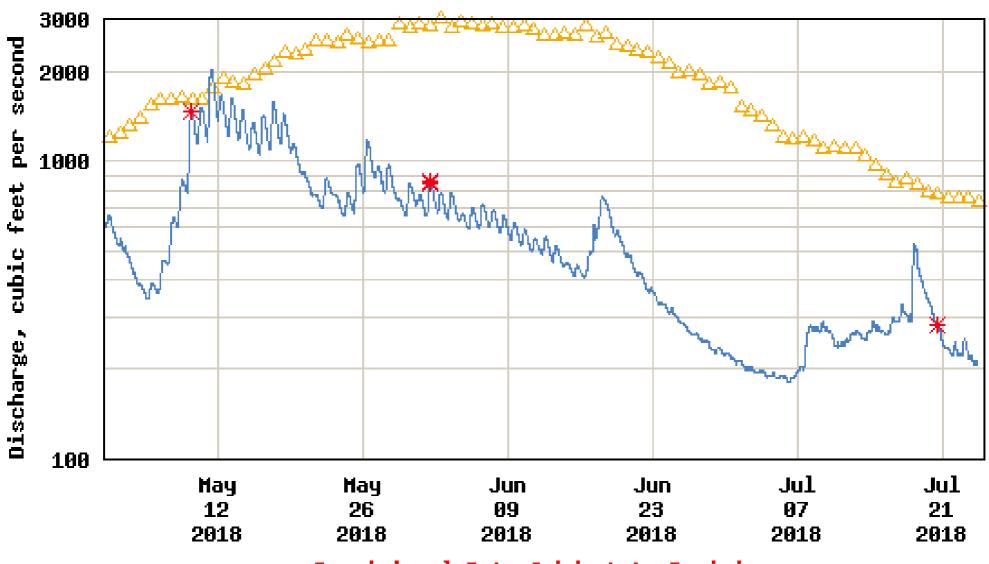
SNOW

Snow Water Equivalent Pct of Median

Discharge, cubic feet per second

Most recent instantaneous value: 213 07-24-2018 08:30 MDT

USGS 09361500 ANIMAS RIVER AT DURANGO, CO



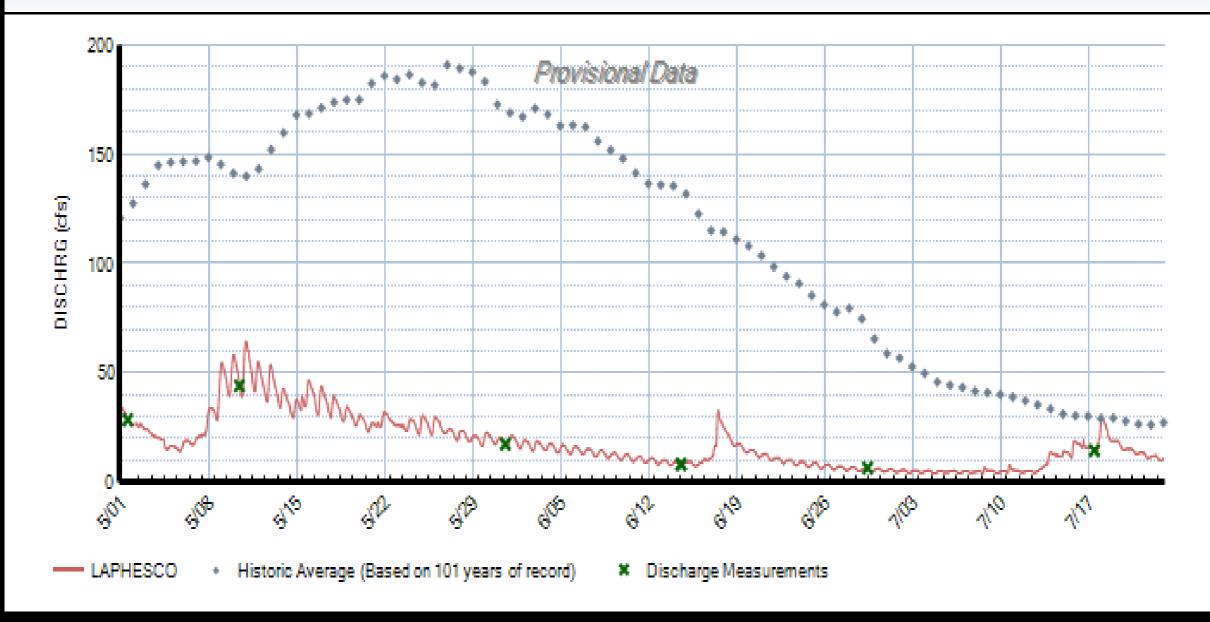
---- Provisional Data Subject to Revision ----

- riangle Median daily statistic (106 years) imes Measured discharge
- Discharge

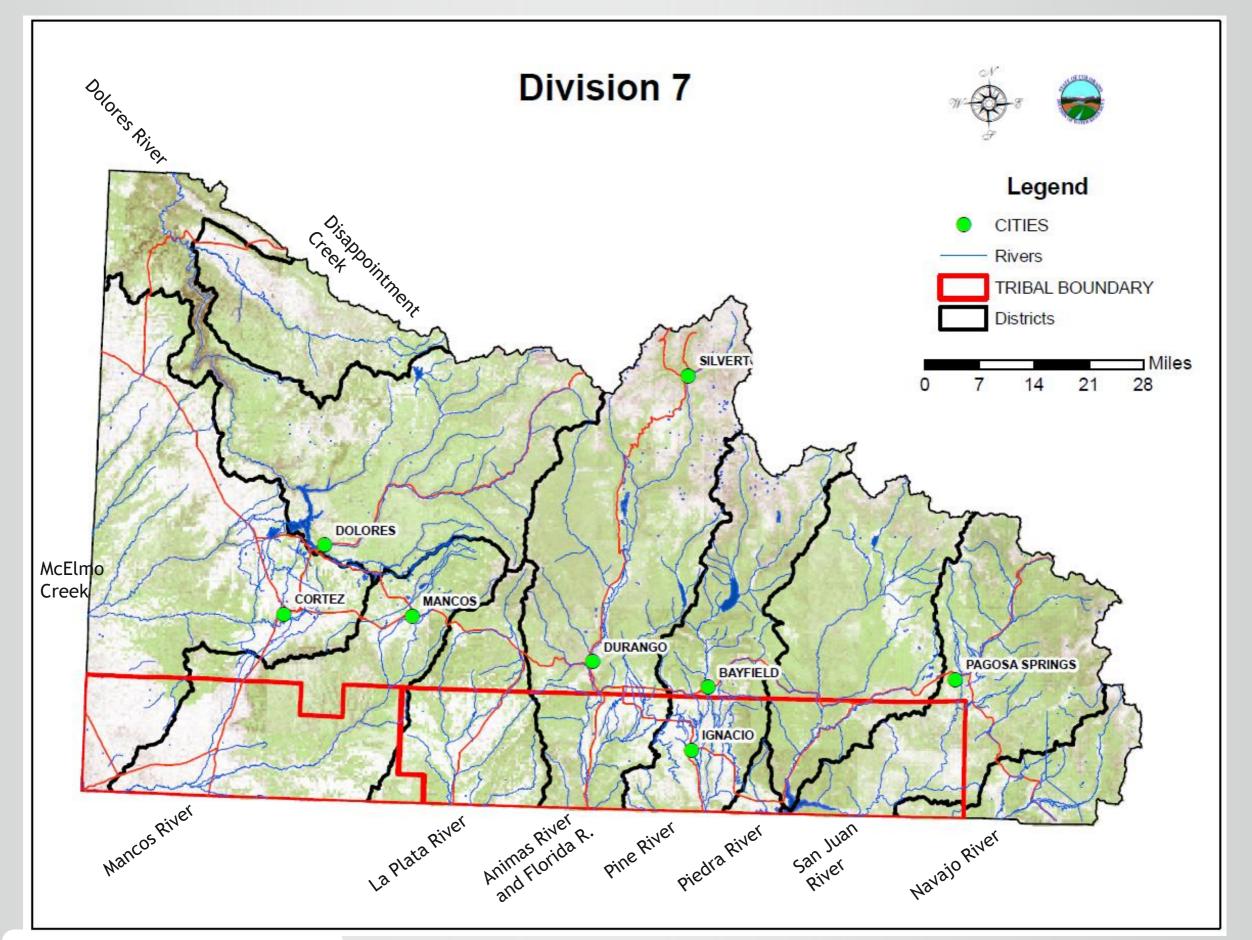


LA PLATA RIVER AT HESPERUS (LAPHESCO)

Data Source: Co. Division of Water Resources









Questions











Dolores River

- Primarily diverted into McElmo Creek basin (Cortez area)
- > On-stream use occurs mainly upstream of McPhee Reservoir
- > Administered without a valid call most of the time
- Exchanges from Groundhog Reservoir allow junior users to divert

MUNICIPAL USE	IRRIGATION USE
Town of Dolores • Surface diversion - full supply	Surface diversion in river bottoms



Dolores River





Dolores





McElmo Creek

- Transbasin water from McPhee Reservoir and Dolores River feed this basin
- Call on McElmo was removed once return flows from irrigation made it into McElmo Creek

MUNICIPAL USE	IRRIGATION USE
 Cortez Transbasin from Dolores - full supply Storage water available from McPhee 	Large scale irrigation from McPhee Reservoir and Dolores River • Good carryover in McPhee was critical this year • Approximately 75% of full delivery to users
Towaoc • Transbasin from Dolores - full supply	Summit Reservoir only supplied 14 days of water
Montezuma Water Company • Transbasin from Dolores - full supply	Ute Mountain Ute Farm supplied from McPhee



McElmo Creek



Cortez





Mancos River

- > Jackson Reservoir provides critical storage
- > Heavily Administered
 - Mancos #2 priority at times

MUNICIPAL USE	IRRIGATION USE
Town of MancosSenior water usually available from Mancos RiverStorage water available from Jackson	Only senior irrigators allowed to divert
Mesa Verde National ParkSenior water available from Mancos RiverStorage water available from Jackson	Jackson Reservoir provides supplemental water
Mancos Rural WaterSenior water available from Mancos RiverStorage water available from Jackson	



Mancos River



Jackson Gulch Reservoir

Mancos





La Plata River

- > Red Mesa Ward Reservoir provides storage water
- Long Hollow Reservoir exchanges to irrigators and Compact deliveries
- > Very water short
- > Compact Issues

MUNICIPAL USE	IRRIGATION USE
None	Only senior irrigators typically receive river water
	Long Hollow Reservoir extended the season for many irrigators this year



La Plata River



Long Hollow Reservoir





Animas River

- > Operates as free river
- > Reservoirs are minimally used

MUNICIPAL USE	IRRIGATION USE
 City of Durango Animas provides supplemental supply to Florida River Durango owns most senior rights on Florida River Water quality issues on Animas last week following 416 Fire Water restrictions put in place in 2018 No bulk sales to new users starting in May No storage water available in Lemon Reservoir Storage water available by exchange in Lake Nighthorse 	Free river allows for extensive irrigation in river bottoms
Town of SilvertonSurface diversions on tributaries on Animas	
Animas Water Company • Groundwater source	



Animas River



Durango





Florida River

- Lemon Reservoir provides critical supplemental water
- > Administered daily
 - #17 Florida priority at times this year
- > Lemon Reservoir did not fill
 - Irrigation deliveries stopped July 8

MUNICIPAL USE	IRRIGATION USE
Durango has most senior rights	Heavily reliant upon reservoir deliveries
	Extensive agriculture on Florida Mesa



Florida River



Lemon Dam





Pine River

- Vallecito Reservoir provides critical supplemental water
- > Vallecito Reservoir did not fill in 2018
 - Irrigation deliveries are still occurring
 - Carryover into 2019 will be minimal

MUNICIPAL USE	IRRIGATION USE
 Town of Bayfield Surface water rights from Pine River subject to curtailment Water Conservation Schedule implemented Odd/even address number watering No daytime watering 	Heavily reliant upon reservoir deliveries
La Plata Archuleta Water DistrictRural districtGradually expanding	Extensive agriculture on Florida Mesa
Town of Ignacio • Surface water diversions	

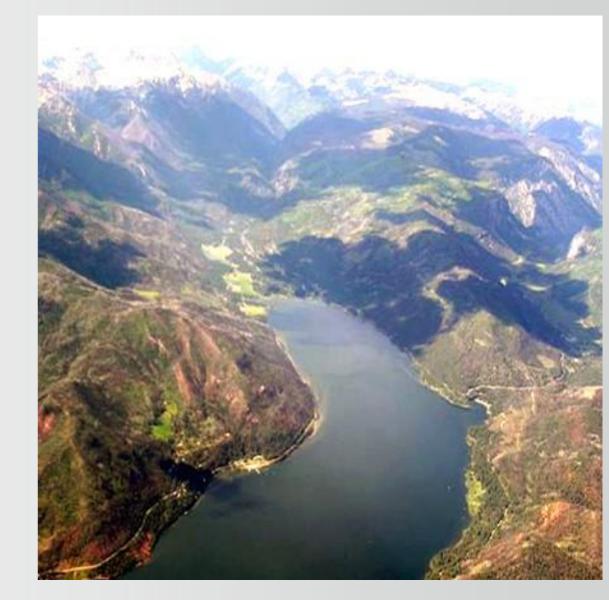


Pine River



Bayfield

Vallecito Reservoir





Piedra River

- > No reservoirs on main stem
- > Generally, operates as free river

MUNICIPAL USE	IRRIGATION
Pagosa Springs Area Water and Sanitation District • Surface water rights tributary to Piedra River	Minimal irrigation
Aspen Springs Metro District	



Piedra River





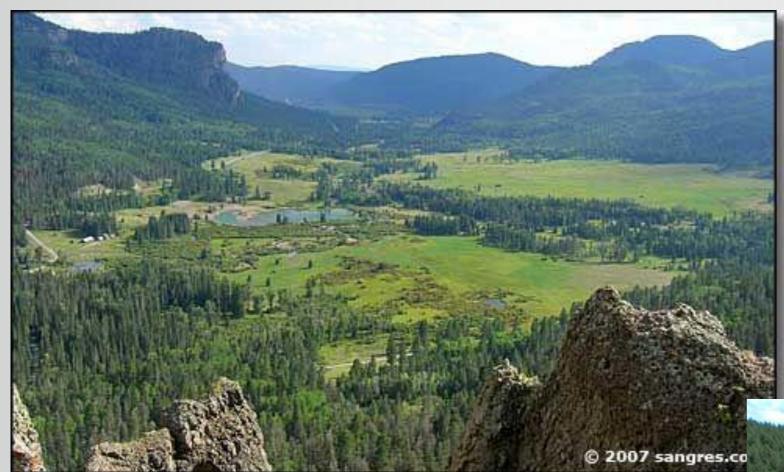
San Juan River

- > No reservoirs on main stem until Navajo Reservoir
- > Free river

MUNICIPAL USE	IRRIGATION
Pagosa Springs Area Water and Sanitation District • Surface water rights	Irrigation mainly along river bottoms



San Juan River



Pagosa Springs





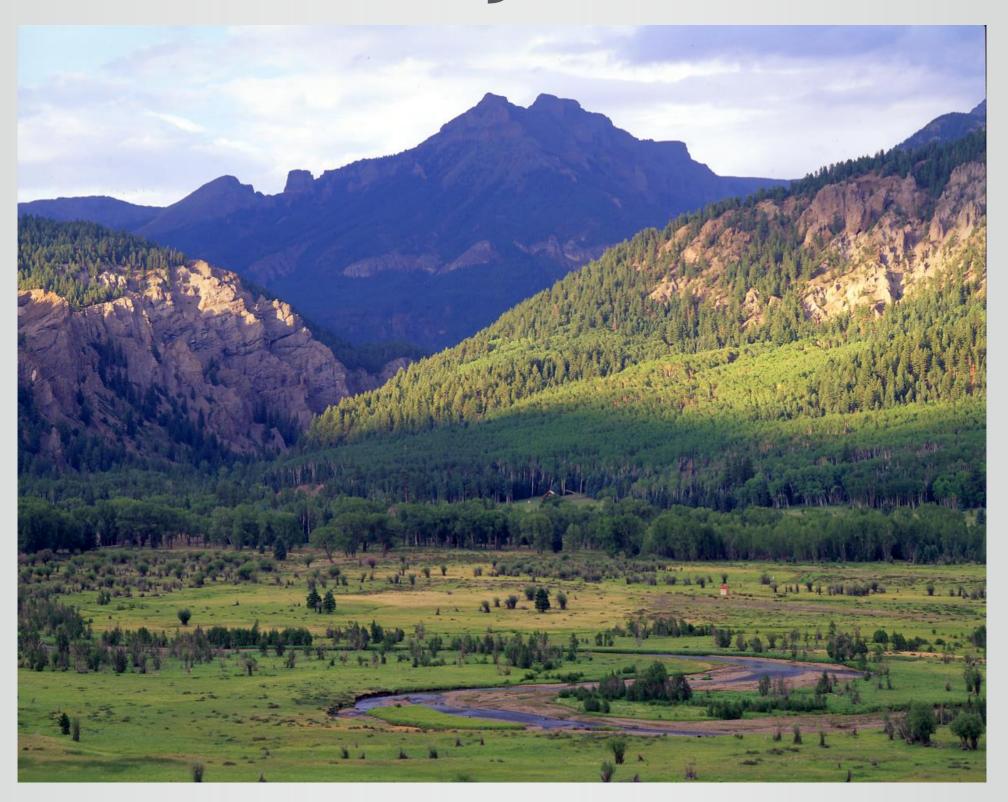
Navajo River

- > No reservoirs on main stem
- > Generally, operates as free river
- > Major contributor to San Juan-Chama Project

MUNICIPAL USE	IRRIGATION
None	Irrigation within river bottoms



Navajo River











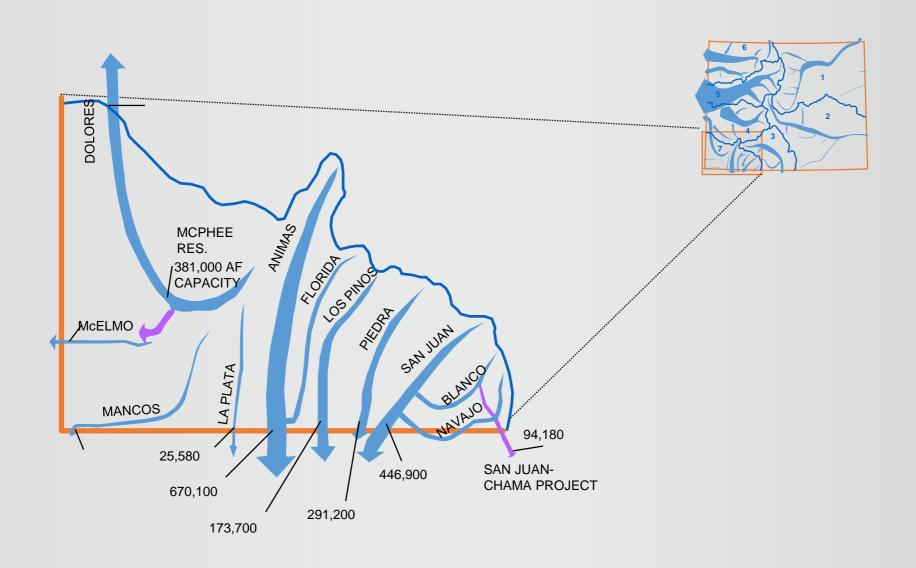






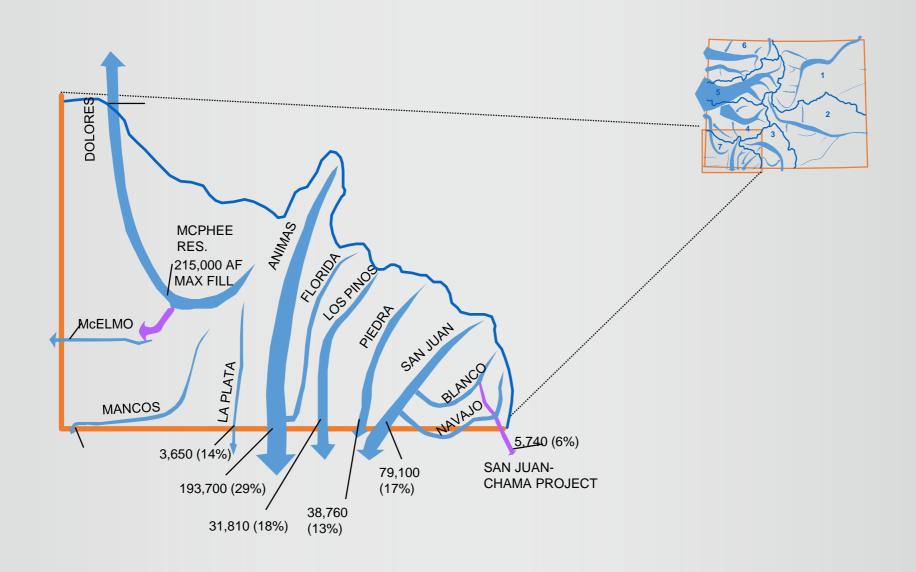


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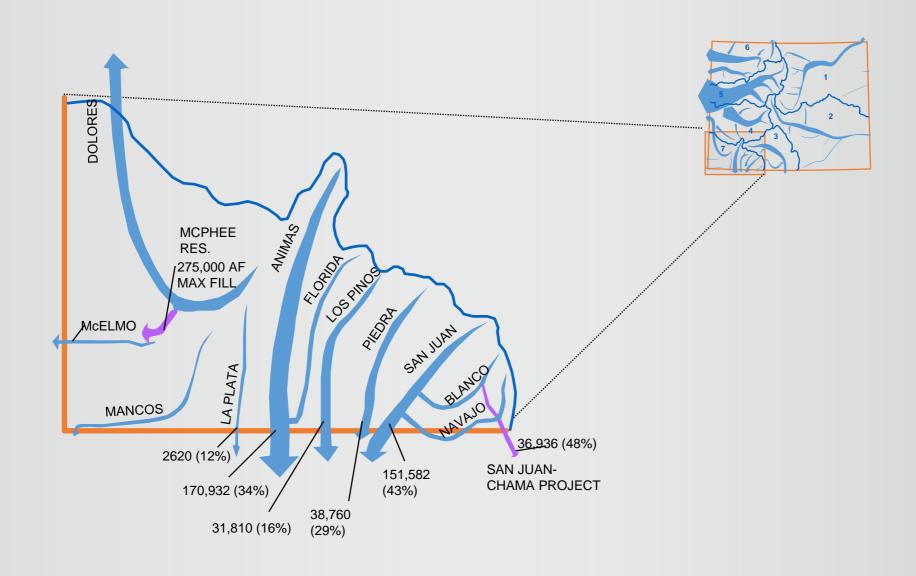


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USE THIS PAGE TO ADJUST 2018 WATER (OCT-JUNE) YEAR TEXT, THEN COPY and PASTE AS PICTURE TO MAKE IT LARGER ON OTHER SLIDE





USE THIS PAGE TO ADJUST Worst Month 2018 TEXT, THEN COPY and PASTE AS PICTURE TO MAKE IT LARGER ON OTHER SLIDE

