

1971-2005 data modifications

In addition to extending the natural flows to 2006 we recomputed flows from 1971-2005. The differences with previously released natural flows date 6/22/07 result from:

Upper Basin differences:

In reach 09072500 non-mainstem Willow Creek reservoir, data was added from 1/71-10/74.
In reach 09127800 non-mainstem Silver Jack reservoir, data was added from 5/71-4/72.
In reach 09234500 mainstem Flaming Gorge reservoir, the bank storage coefficient was changed from 0.033 to 0.04 to match Hydromet calculations.
In reach 09234500 non-mainstem Meeks Cabin reservoir, data was added from 4/71-5/73, data was revised from 11/01-01/02.
In reach 09302000 non-mainstem Moon Lake reservoir data was revised from 6/01-7/01 and 12/01-01/02 and 6/03-7/03.
In reach 09302000 major reservoir Strawberry evaporation was removed after 1986 when the dam was breeched and replaced by Solider Creek dam. Previously this evaporation was double accounted.
In reach 09315000 non-mainstem reservoir Stienaker data was revised from 6/81-8/81 and 10/89-10/90.
In reach 09328500 non-mainstem reservoir Joes Valley data was revised from 10/88-10/90.
In reach 09379500 minor reservoir data for New Mexico was added from 1/76-12/84 and data was revised from 1/85-12/00.
In reach 09380000 mainstem Powell reservoir, the bank storage was revised from 10/04-12/05 and evaporation was revised 9/04-10/04.
In various reaches WY 2005 historic gauge data was updated to official from provisional data.

There are also some general consumptive uses and losses changes;

Changes across all categories resulted from updating provisional data from 2001-2005.

Lower Basin differences:

In reach 09429490 depletion data for the Colorado River Indian Reservation, AZ was revised for CY 2005 from provisional values stored in HDB to final values published in the Colorado River Accounting and Water Use Report, Arizona, California, and Nevada for CY 2005.

Additional minor changes resulted from updating provisional diversion/depletion data in HDB from 1996-2005.