



Water-Data Report 2012

294020102420300 Rio Grande at Taylors Farm, TX (2011 Gain-Loss)

Rio Grande-Amistad Basin
Reagan-Sanderson Subbasin

LOCATION.--Lat 29°40'19.72", long 102°42'02.52" referenced to North American Datum of 1983, Brewster County, TX, Hydrologic Unit 13040208.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--February 15, 2011 to March 3, 2011

GAGE.--No Gage at this location.

REMARKS.--Measurements rated good. Field ID # RG15. Project Synopsis: Gain/Loss survey to evaluate and quantify groundwater contributions along the Rio Grande from below Johnson Ranch to below Foster Ranch including portions of Big Bend National Park and the Rio Grande Wild and Scenic River, Texas. The Gain/Loss was in cooperation with National Parks Service (NPS). Completed February 15th to March 3rd, 2011. Two or more measurements were completed at each site. The Gain/Loss survey consisted of 86 measurements collected at the following 38 locations:

| | | | | | | |
|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| 290246103061500 | 290905103000700 | 291109102582200 | 291217102544900 | 291411102521500 | 291552102541300 | 291722102532200 |
| 291805102532500 | 292055102530100 | 292115102524100 | 292229102504200 | 292700102491700 | 293340102464100 | 293836102433400 |
| 294020102420300 | 294319102412800 | 294402102380100 | 294453102363200 | 294608102335400 | 294500102322000 | 294654102295100 |
| 294702102231600 | 294820102222900 | 295108102211100 | 295221102172600 | 295053102141700 | 294831102085200 | 294808102070900 |
| 294725102043400 | 294807102013600 | 294856101582800 | 294803101562300 | 294744101525000 | 294721101494700 | 294645101475800 |
| 294627101430600 | 294616101394200 | 294527101381900 | | | | |

**DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

| Date | Discharge, in ft ³ /s | Gage height, in ft |
|--------------|-------------------------------------|-----------------------|
| Feb 24, 2011 | 252 | --- |
| Feb 24, 2011 | 249 | --- |