



Rio Grande

Aerial Flood Survey

Presidio to Lajitas

September 20, 2008



Rio Grande upstream of Presidio - looking downstream at start of levees
RG_09_20_08 035



Rio Grande about 0.25 miles upstream of Presidio 7NW (PIOT2)
RG_09_20_08 036



Rio Grande at Presidio 7NW (PIOT2)
RG_09_20_08 038



Rio Grande about one mile downstream of Presidio 7NW (PIOT2) and about one mile upstream of Rio Conchos confluence.

RG_09_20_08 039



Rio Conchos floodplain – looking just upstream of confluence with Rio Grande.
RG_09_20_08 041



Rio Grande and Rio Conchos confluence (Mexico in background).
RG_09_20_08 042



Rio Grande and Rio Conchos confluence (Mexico in background).
RG_09_20_08 043



Rio Conchos flooding.
RG_09_20_08 044



Rio Conchos Flooding – looking upstream from near confluence with Rio Grande.
RG_09_20_08 045



Rio Grande Flooding – Ojinaga in background.
RG_09_20_08 046



Rio Grande Flooding – Ojinaga in background / International Bridge at left in picture.
RG_09_20_08 047



Looking upstream at confluence of Rio Conchos and Rio Grande.
RG_09_20_08 049



Rio Grande at International Bridge (Ojinaga in background)
RG_09_20_08 050



Rio Grande at International Bridge (Ojinaga in background).
RG_09_20_08 051



Rio Grande at International Bridge (Ojinaga in background)
RG_09_20_08 052



Looking upstream from International Bridge (Ojinaga, MX in background).
RG_09_20_08 053



Rio Grande at International Bridge
RG_09_20_08 054



Rio Grande about 1.6 miles downstream of International Bridge (Railroad bridge in lower left of picture)

RG_09_20_08 055



RR 170

Rio Grande – Looking downstream from Presidio (Ranch Road 170 runs along left of picture).

RG_09_20_08 057



Rio Grande at Railroad bridge crossing (downstream of International Bridge)
RG_09_20_08 058



International Bridge



Rio Grande at Presidio
RG_09_20_08 059



U.S. Army Chinook helicopter sand bagging along railroad (downstream of Presidio).
RG_09_20_08 060



International Bridge

Confluence



Rio Grande at Presidio looking upstream (confluence in background / International Bridge at left of picture).

RG_09_20_08 062



Rio Grande at International Bridge - Presidio
RG_09_20_08 063



U.S. Army Chinook helicopter sandbagging along Railroad bridge crossing Rio Grande downstream of Presidio.

RG_09_20_08 064



Rio Grande at Railroad bridge crossing downstream of Presidio (Chinook in center of picture).

RG_09_20_08 065



Rio Grande at railroad crossing downstream of Presidio.
RG_09_20_08 066



Rio Grande at railroad bridge crossing downstream of Presidio (MX in background).

RG_09_20_08 067



Rio Grande flooding - Presidio School (blue roof top).
RG_09_20_08 068



Ranch Road 170

Rio Grande flooding – looking downstream from Presidio.
RG_09_20_08 070



Looking southeast from Presidio (MX in background)
RG_09_20_08 072



Looking southwest from near Presidio golf course (looking upstream, MX in background).

RG_09_20_08 078



Looking south into MX from near the Presidio golf course.
RG_09_20_08 077



Rio Grande just downstream of Presidio golf course looking at sharp bend to the east (MX in background).

RG_09_20_08 075



Ranch Road 170

Overtopped levee

Rio Grande looking downstream from near Presidio golf course.
RG_09_20_08 076



Closer view of previous picture. Overtopping levee downstream of Presidio golf course.
RG_09_20_08 080



Mexico Tributary

Ranch Road 170
(flooded)

Rio Grande downstream of Presidio where Ranch Road 170 approaches river.
RG_09_20_08 082



RR 170



Loma Pelona Rd.



Rio Grande near RR 170 and Loma Pelona Road (just upstream of Alamito Creek).
RG_09_20_08 083



Rio Grande and Alamito Creek confluence (looking south, MX in background)

RG_09_20_08 084



PRDT2

Rio Grande and Alamito Creek confluence (MX in background).

RG_09_20_08 085



PRDT2

Rio Grande and Alamito Creek confluence (upstream is in upper right of picture).
RG_09_20_08 086



Rio Grande near Presidio 5SE (PRDT2) – MX at top of picture.
RG_09_20_08 088



Rio Grande looking downstream from about Ternereros Creek (MX in top right of picture).
RG_09_20_08 091



Rio Grande just downstream of Terneros Creek (MX in background).
RG_09_20_08 092



Rio Grande looking downstream near entrance to Big Bend Ranch State Park.
RG_09_20_08 093



Rio Grande looking upstream from near entrance to Big Bend Ranch State Park.
RG_09_20_08 096



Rio Grande looking downstream (located downstream of entrance to Big Bend Ranch State Park).

RG_09_20_08 098



Looking southwest at Rio Grande in Big Bend Ranch State Park (MX in background).

RG_09_20_08 099



El Mulato Diversion



Rio Grande looking upstream in Big Bend Ranch State Park.
RG_09_20_08 100



El Mulato Diversion



Rio Grande looking upstream in Big Bend Ranch State Park (MX in background).

RG_09_20_08 101



Rio Grande in Big Bend Ranch State Park about 1.6 miles northwest of Redford.
RG_09_20_08 104



Rio Grande in Big Bend Ranch State Park looking west about 1.3 miles northwest of Redford.
RG_09_20_08 105



Rio Grande from near Redford looking southeast into MX.
RG_09_20_08 108



Rio Grande near Redford looking southeast into MX.
RG_09_20_08 109



Rio Grande near Redford
RG_09_20_08 110



Rio Grande near Redford looking into MX at tributary.
RG_09_20_08 111



Rio Grande at Redford area (MX in background, downstream is at left of picture).

RG_09_20_08 112



Rio Grande near Redford (MX in background, downstream is at left of picture).

RG_09_20_08 113



Rio Grande near Redford (MX in background, left side of picture is downstream).

RG_09_20_08 114



Rio Grande between Redford and El Mulato (MX in background, left side of picture is downstream).

RG_09_20_08 115



Rio Grande upstream of El Mulato (MX in background).
RG_09_20_08 117



Rio Grande near El Mulato (MX in background).
RG_09_20_08 116



Rio Grande near El Mulato (MX in background).
RG_09_20_08 118



Rio Grande at El Mulato (MX in background).
RG_09_20_08 119



Rio Grande at El Mulato (MX in background).
RG_09_20_08 120



Rio Grande downstream of El Mulato (MX in background).
RG_09_20_08 121



Rio Grande downstream of El Mulato (MX in background).
RG_09_20_08 122



Ranch Road 170 at approximately N29.390, W104.327 (arrow).
RG_09_20_08 123



Rio Grande looking upstream toward El Mulato (MX in background).
RG_09_20_08 125



Mexico tributary coming in to Rio Grande downstream of El Mulato.
RG_09_20_08 126



Rio Grande confluence with Mexico tributary at approximately N29.3599, W104.0932.
RG_09_20_08 127



Rio Grande confluence with Mexico tributary at approximately N29.3440, W104.0710
RG_09_20_08 128



RR 170 flooding

Ranch Road 170 flooding along Rio Grande at approximately N29.3428, W104.0681 (arrow).
RG_09_20_08 129



Rio Grande looking downstream. Ranch Road 170 flooding at approximately N29.3363, W104.0548 (arrow).
RG_09_20_08 130



Rio Grande flooding Ranch Road 170 at approximately N29.3363, W104.0548 (arrow).
RG_09_20_08 131



Rio Grande Tributary entering canyon at approximately N29.3271, W104.0314.
RG_09_20_08 135



Rio Grande and Panther Creek confluence at approximately N29.2990, W103.9667.
RG_09_20_08 139



Rio Grande at Panther Creek confluence.
RG_09_20_08 141



Rio Grande and Panther Creek confluence (looking upstream).
RG_09_20_08 142



Rio Grande just downstream of Panther Creek confluence (MX in background).
RG_09_20_08 143



Teepees –
Roadside Park
(RR 170)

Santana Mesa

Rio Grande near Santana Mesa (MX in background)
RG_09_20_08 144



Rio Grande near Santana Mesa (MX in background).
RG_09_20_08 145



Rio Grande looking upstream from near Santana Mesa (MX on left side of picture).
RG_09_20_08 148



N29.2695°
W103.8348°

Ranch Road 170

Rio Grande just downstream of "Contrabando" movie set (MX in background).
RG_09_20_08 150



Ranch Rd 170
flooding at
N29.2739°
W103.8159°

Rio Grande upstream of Lajitas
RG_09_20_08 158



Rio Grande approaching Lajitas (MX in background)
RG_09_20_08 155



Rio Grande at Lajitas
RG_09_20_08 164



Rio Grande at Lajitas (looking upstream).
RG_09_20_08 165



Rio Grande at Lajitas (looking downstream)
RG_09_20_08 161



Rio Grande at Lajitas (looking downstream).
RG_09_20_08 162



Rio Grande at Lajitas golf course (looking downstream).
RG_09_20_08 163



Rio Grande at Lajitas golf course (looking downstream).
RG_09_20_08 166



Rio Grande looking downstream from Lajitas (MX in right of picture)
RG_09_20_08 151