Reach 1A
Stage Monitoring Locations

Preliminary Data

Last Updated: 6/12/2012
Monitoring Location

CAC

Reach = 1A
River Mile = 260.2
X = -119.7533  Y = 36.9230
Status = Existing
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 278.4
Site = Coombs-Arnold Channel
Habitat =
Protocol Reference = ATR Appendix C
Organization = USBR
Measurements:
1. Type = Measurement
   Interval = Approx. Monthly
   Date Range =
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =
Description:
Staff Gage

Influences:
Datalogger Type =
HEC-RAS Cross-section =
Current Rating Curve =

Notes:

* = assumed value
bg = below ground surface
NR = not recorded

Last Updated: 6/12/2012
Preliminary Data
Reach = 1A  Madera County
River Mile = 260.3  Right Bank
X = -119.7527  Y = 36.9240  Status = Existing
(Horizontal Datum is NAD83)
Distance From River Centerline (ft) =
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 297.2
Site = Above G.C. Intakes
Habitat =
Protocol Reference = ATR Appendix C
Organization = USBR
Measurements:
1. Type = Measurement
   Interval = Approx. Monthly
   Date Range =
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =
Description:
Staff Gage
Influences:

Notes:
* = assumed value
bgs = below ground surface
NR = not recorded
Preliminary Data
Last Updated: 6/12/2012
Reach = 1A, Madera County
River Mile = 260.5, Right Bank
X = -119.7510, Y = 36.9265, Status = Existing

(Horizontal Datum is NAD83)
Distance From River Centerline (ft) =
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) =
Site = Main Channel
Habitat =
Protocol Reference = ATR Appendix C
Organization = USBR

Measurements:
1. Type = Measurement
   Interval = Approx. Monthly
   Date Range =
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =
Description:
Staff Gage

Influences:

Notes:

* = assumed value
bgs = below ground surface
NR = not recorded

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Last Updated: 6/12/2012
Preliminary Data
Reach = 1A  Fresno County
River Mile = 263.4  Left Bank
X = -119.7423  Y = 36.9539  Status = Existing
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 289.21
Site = Head Ledger Island
Habitat =
Protocol Reference = ATR Appendix C
Organization = DWR
Measurements:
1. Type = Datalogger
   Interval = 15 min
   Date Range =
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =
Description:
Water Level Recorder

Influences:
Madera Canal, Friant Dam, Friant Kern Canal

Notes:
* = assumed value
bgs = below ground surface
NR = not recorded

Last Updated: 6/12/2012
Preliminary Data
Monitoring Location

WLR 2

Reach = 1A  Fresno County
River Mile = 261.5  Left Bank
X = -119.7477  Y = 36.9381  Status = Existing
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 284.934
Site = Willow Unit Grade Control
Habitat =
Protocol Reference = ATR Appendix C
Organization = DWR
Measurements:
1. Type = Datalogger
   Interval = 15 min
   Date Range =
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =
Description:
Water Level Recorder

Datalogger Type =
HEC-RAS Cross-section =
Current Rating Curve =
Influences:
Madera Canal, Friant Dam, Friant Kern Canal

Notes:
* = assumed value
bgs = below ground surface
NR = not recorded

Last Updated:
6/12/2012
Preliminary Data
Monitoring Location

WLR 3

Reach = 1A  Madera County
River Mile = 260.4  Right Bank
X = -119.7522  Y = 36.9256  Status = Existing
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) = Measurement Pt. Elevation (ft NAVD88) = 274.847
Site = Rank Island Grade Control
Habitat =
Protocol Reference = ATR Appendix C
Organization = DWR
Measurements:
1. Type = Datalogger
   Interval = 15 min
   Date Range =
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =
Description:
Water Level Recorder

Influences:
Madera Canal, Friant Dam, Friant Kern Canal

Last Updated: 6/12/2012
Preliminary Data
Reach = 1A  Fresno County
River Mile = 251.1  Left Bank
X = -119.8366  Y = 36.8536  Status = Existing
*(Horizontal Datum is NAD83)*
Distance From River Centerline (ft) =
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 245.699
Site = Sycamore Island Flow Split
Habitat =
Protocol Reference = ATR Appendix C
Organization = DWR
Measurements:
1. Type = Datalogger
   Interval = 15 min
   Date Range =
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =
Description:
Water Level Recorder

Datalogger Type =
HEC-RAS Cross-section =
Current Rating Curve =
Influences:

Notes:
* = assumed value
bgs = below ground surface
NR = not recorded

Last Updated:
6/12/2012
Preliminary Data
Monitoring Location

WLR 5

Reach = 1A
River Mile = 248.4
Left Bank
X = -119.8634  Y = 36.8541
Status = Existing

(Horizontal Datum is NAD83)
Distance From River Centerline (ft) =
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 232.899
Site = Milburn Unit
Habitat =
Protocol Reference = ATR Appendix C
Organization = DWR
Measurements:
1. Type = Datalogger
   Interval = 15 min
   Date Range =
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =
Description:
Water Level Recorder

Data Logger Type =
HEC-RAS Cross-section =
Current Rating Curve =
Influences:

Notes:

* = assumed value
bgs = below ground surface
NR = not recorded

Last Updated: 6/12/2012
Preliminary Data
Reach 1B
Stage Monitoring Locations

Preliminary Data

Last Updated: 6/12/2012
Reach = 1B
River Mile = 237.7
Status = Existing
(Datum is NAD83)
Distance From River Centerline (ft) =
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 206.905
Site = Gerhardt Property
Habitat =
Protocol Reference = ATR Appendix C
Organization = DWR
Measurements:
1. Type = Datalogger
   Interval = 15 min
   Date Range =
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =
Description:
Water Level Recorder

San Joaquin River
Gravelly Ford
Reach 1B

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Notes:
* = assumed value
bgs = below ground surface
NR = not recorded
Last Updated:
6/12/2012
Preliminary Data
Reach 2A
Stage Monitoring Locations

Preliminary Data

Last Updated: 6/12/2012
Monitoring Location
SG-217.2

Reach = 2A
Fresno County
River Mile = 217.2
Left Bank
X = -120.2598 Y = 36.7721
Status = Existing
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 163.51
Site = Transect 13
Habitat =
Protocol Reference = ATR Appendix C
Organization = USBR
Measurements:
1. Type = Datalogger
   Interval = Hourly
   Date Range =
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =
Description:
2 inch pipe

Influences:
Gravelly Ford Canal, Chowchilla Bypass

Notes:
* = assumed value
bgs = below ground surface
NR = not recorded

Last Updated:
6/12/2012
Preliminary Data
Monitoring Location

SG-218.2

Reach = 2A
Madera County
River Mile = 218.2
Right Bank
X = -120.2600  Y = 36.7720
Status = Existing
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 170.53
Site = Transect 12
Habitat =
Protocol Reference = ATR Appendix C
Organization = USBR
Measurements:
1. Type = Datalogger
   Interval = Hourly
   Date Range =
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =
Description:
2 inch pipe

Influences:
Gravelly Ford Canal, Chowchilla Bypass

Notes:

Last Updated: 6/12/2012
Preliminary Data
Monitoring Location
SG-219.8

Reach = 2A
River Mile = 219.8
Fresno County
Left Bank
X = -120.2380 Y = 36.7694
Status = Existing
(Horizontal Datum is NAD83)

Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) = 169.58
Measurement Pt. Elevation (ft NAVD88) = 174.88

Site = Transect 10
Habitat =
Protocol Reference = ATR Appendix C
Organization = USBR

Measurements:
1. Type = Datalogger
   Interval = Hourly
   Date Range =
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
2 inch pipe

Influences:
Gravelly Ford Canal, Chowchilla Bypass

Notes:
*

Last Updated: 6/12/2012
Preliminary Data
Reach = 2A  Fresno County
River Mile = 222.1  Left Bank
X = -120.2211  Y = 36.7843  Status = Existing
(Horizontal Datum is NAD83)
Distance From River Centerline (ft) =
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 177.71
Site = Napa Ave.
Habitat =
Protocol Reference = ATR Appendix C
Organization = USBR
Measurements:
1. Type = Datalogger
   Interval = Hourly
   Date Range =
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =
Description:
2 inch pipe

Notes:
Datalogger Type = Solinst
HEC-RAS Cross-section =
Current Rating Curve =
Influences:
Gravelly Ford Canal, Chowchilla Bypass

* = assumed value
bgs = below ground surface
NR = not recorded

Last Updated: 6/12/2012
Preliminary Data
Reach = 2A
River Mile = 223.8
Fresno County
Left Bank
X = -120.1992  Y = 36.7803
Status = Existing
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 180.98
Site = Shields Ave.
Habitat =
Protocol Reference = ATR Appendix C
Organization = USBR
Measurements:
1. Type = Datalogger
   Interval = Hourly
   Date Range =
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =
Description:
2 inch pipe

Datalogger Type = Solinst
HEC-RAS Cross-section =
Current Rating Curve =
Influences:
Gravelly Ford Canal, Chowchilla Bypass

Notes:
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Last Updated:
6/12/2012
Preliminary Data
Monitoring Location
DM3

Reach = 2B  Fresno County
River Mile = 257.89  Left Bank
X = -120.3740  Y = 36.7780  Status = Existing
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) =
Site = Check 21
Habitat =
Protocol Reference = ATR Appendix C
Organization = USBR
Measurements:
1. Type = Realtime
   Interval = 15 min
   Date Range =
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =
Description:

Datalogger Type =
HEC-RAS Cross-section =
Current Rating Curve =
Influences:
Mendota Pool Diversions

Notes:
* = assumed value
bgs = below ground surface
NR = not recorded

Last Updated: 6/12/2012
Preliminary Data
Reach = 2B  Fresno County
River Mile = 211.8  Left Bank
X = -120.3119  Y = 36.7815  Status = Existing
(Horizontal Datum is NAD83)
Distance From River Centerline (ft) =
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 165.22
Site = San Mateo Ave.
Habitat =
Protocol Reference = ATR Appendix C
Organization = USBR
Measurements:
  1. Type = Datalogger
     Interval = Hourly
     Date Range =
  2. Type =
     Interval =
     Date Range =
  3. Type =
     Interval =
     Date Range =
Description:

Datalogger Type = Solinst
HEC-RAS Cross-section =
Current Rating Curve =
Influences:
Mendota Pool Diversions, Columbian Canal,
Chowchilla Canal

Notes:
* = assumed value
bgs = below ground surface
NR = not recorded

Last Updated: 6/12/2012
Preliminary Data
Monitoring Location

SG-182.2

Reach = 3
River Mile = 182.2

X = -120.5009
Y = 36.9831

River Mile = 182.2 Left Bank

Status = Existing

(Horizontal Datum is NAD83)

Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 129.76
Site = Valeria Avenue

Habitat =

Protocol Reference =
Organization = CCID

Measurements:
1. Type = Measurement
   Interval = Approx. Daily
   Date Range =
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
Staff Gage

Datalogger Type =
HEC-RAS Cross-section =
Current Rating Curve =

Influences:
Arroyo Canal

Notes:

* = assumed value
bgs = below ground surface
NR = not recorded

Preliminary Data

Last Updated: 6/12/2012

V:\SJRRP\Monitoring Well Data\Atlas\Stage\R_Well_SG1822.mxd
Reach = 3
River Mile = 190.4
Fresno County
Left Bank
X = -120.4634 Y = 36.9058 Status = Existing
(Horizontal Datum is NAD83)
Distance From River Centerline (ft) =
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 135.84
Site = Sniffen Bridge
Habitat =
Protocol Reference =
Organization = CCID
Measurements:
1. Type = Measurement
   Interval = Approx. Daily
   Date Range =
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =
Description:
Staff Gage
Influences:
Datalogger Type =
HEC-RAS Cross-section =
Current Rating Curve =
Notes:
* = assumed value
bgs = below ground surface
NR = not recorded
Preliminary Data

Last Updated:
6/12/2012

*V:\SJRRPMonitoring Well Data\Atlas_Stage\R_Well_SG1904.mxd
Reach = 3  Fresno County
River Mile = 194.4  Left Bank
X = -120.4558  Y = 36.8642  Status = Existing
(Horizontal Datum is NAD83)
Distance From River Centerline (ft) =
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 136.272
Site = Trailer Park
Habitat =
Protocol Reference =
Organization = CCID
Measurements:
1. Type = Measurement
   Interval = Approx. Daily
   Date Range =
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =
Description:
Staff Gage

Notes:

Datalogger Type =
HEC-RAS Cross-section =
Current Rating Curve =
Influences:
Firebaugh Wasteway

Last Updated: 6/12/2012
Preliminary Data
Monitoring Location
SG-195.2

Reach = 3  Fresno County
River Mile = 195.2  Left Bank
X = -120.4489  Y = 36.8583  Status = Existing
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 131.266
Site = Firebaugh Bridge
Habitat =
Protocol Reference =
Organization = CCID
Measurements:
1. Type = Measurement
   Interval = Approx. Daily
   Date Range =
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =
Description:
Staff Gage

Influences:
Firebaugh Wasteway

Notes:

Last Updated: 6/12/2012
Preliminary Data
Reach 4B1

Sand Slough Bypass Control Structure

Reach 4A

Stage Monitoring Locations

Sand Slough Bypass

Eastside Bypass

Chowchilla Bypass

Sack Dam

Reach 3

SG-168.5

SG-170.5

SG-173.9

SG-173.9B

SG-180.8

Reach 4A

Stage Monitoring Locations

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Preliminary Data

Last Updated: 6/12/2012
Reach = 4A
River Mile = 168.5
Merced County
Left Bank

X = -120.5905  Y = 37.1100
Status = Existing
(Horizontal Datum is NAD83)

Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) = 
Measurement Pt. Elevation (ft NAVD88) = 99.834

Site = End of Riverside

Habitat =
Protocol Reference =
Organization = CCID

Measurements:
1. Type = Measurement
   Interval = Approx. Daily
   Date Range =
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =

Description:
Staff Gage

Influences:
Mariposa bypass, Sand Slough

Notes:

* = assumed value
bgs = below ground surface
NR = not recorded

Last Updated:
6/12/2012

Preliminary Data
Reach = 4A  Merced County
River Mile = 170.5  Left Bank
X = -120.5719  Y = 37.0901  Status = Existing

(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 98.156
Site = Willis Road
Habitat =
Protocol Reference =
Organization = CCID

Measurements:
1. Type = Measurement
   Interval = Approx. Daily
   Date Range =
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =
Description:
Staff Gage

Datalogger Type =
HEC-RAS Cross-section =
Current Rating Curve =

Influences:

Notes:

* = assumed value
bgs = below ground surface
NR = not recorded

Last Updated: 6/12/2012
Preliminary Data
Reach = 4A  Merced County
River Mile = 173.9  Left Bank
X = -120.5497  Y = 37.0560  Status = Existing
(Horizontal Datum is NAD83)
Distance From River Centerline (ft) =
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 102.772
Site = Higway 152
Habitat =
Protocol Reference =
Organization = CCID
Measurements:
1. Type = Measurement
   Interval = Approx. Daily
   Date Range =
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =
Description:
Staff Gage

Influences:

Notes:

Last Updated: 6/12/2012
Preliminary Data
Monitoring Location

SG-173.9B

Reach = 4A, Merced County
River Mile = 173.9, Left Bank
X = -120.5497, Y = 37.0556, Status = Lost
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 100.875
Site = Hwy 152 Bridge
Habitat =
Protocol Reference = ATR Appendix C
Organization = USBR
Measurements:
  1. Type = Datalogger
     Interval = Hourly
     Date Range =
  2. Type =
     Interval =
     Date Range =
  3. Type =
     Interval =
     Date Range =
Description:
  2 inch pipe

Datalogger Type = Solinst?
HEC-RAS Cross-section =
Current Rating Curve =
Influences:

Notes:
* = assumed value
bgs = below ground surface
NR = not recorded

Last Updated: 6/12/2012
Preliminary Data
Monitoring Location
SG-180.8

Reach = 4A
River Mile = 180.8
Right Bank
X = -120.5045  Y = 36.9981
Status = Existing
(Horizontal Datum is NAD83)
Distance From River Centerline (ft) =
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 112.016
Site = River LP
Habitat =
Protocol Reference =
Organization = CCID
Measurements:
1. Type = Measurement
   Interval = Approx. Daily
   Date Range =
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =
Description:
Staff Gage

Influences:
Arroyo Canal

Notes:
* = assumed value
bgs = below ground surface
NR = not recorded

Preliminary Data

Last Updated: 6/12/2012
Reach 4B1
Stage Monitoring Locations

Preliminary Data

Reclamation
Managing Water in the West

Sand Slough Bypass Control Structure

Reach 4B2
Mariposa Bypass Drop Structure

EBM

Eastside Bypass

Reach 4B1

Mariposa Bypass

Reach 4A

Sand Slough Bypass

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Last Updated: 6/12/2012
Monitoring Location

EBM

Reach = 4B1
River Mile = 146
X = -120.6983  Y = 37.2060  Status = Existing  (Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Measurement Pt. Elevation (ft NAVD88) =
Ground Surface Elevation (ft NAVD88) = 106.75
Site = Eastside Bypass ds Mariposa Bypass
Habitat =
Protocol Reference = ATR Appendix C
Organization = USBR
Measurements:
1. Type = Datalogger  
   Interval = Hourly  
   Date Range =
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =
Description:
2 inch pipe

Influences:
East Side Irrigation Canal, mariposa bypass

Notes:
* = assumed value
bgs = below ground surface
NR = not recorded

Last Updated: 6/12/2012
Preliminary Data
Reach 4B2 Stage Monitoring Locations

Preliminary Data

Last Updated: 6/12/2012

V:\SJRRP\Monitoring Well Data\Atlas_Stage\R4B2.mxd
Reach = 4B2 Merced County
River Mile = Right Bank
X = -120.7194 Y = 37.2547 Status = Existing
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) =
Site = Bear Creek
Habitat =
Protocol Reference = ATR Appendix C
Organization = DWR
Measurements:
1. Type = Realtime
   Interval = 15 min
   Date Range =
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =
Description:

Datalogger Type =
HEC-RAS Cross-section =
Current Rating Curve =
Influences:
East Side Irrigation Canal

Notes:
* = assumed value
bgs = below ground surface
NR = not recorded

Last Updated: 6/12/2012
Preliminary Data

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Reach 5
Stage Monitoring Locations

Preliminary Data

Last Updated: 6/12/2012