Reach 1A
Flow Monitoring Locations

Preliminary Data

Last Updated: 6/11/2012
Reach = 1A  Fresno County
River Mile = 243.16  Left Bank
X = -119.9322  Y = 36.8432  Status = Existing
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 222.464
Site = SJR at Hwy 99 (Camp Pashayan)
Habitat =
Protocol Reference = ATR Appendix C
Organization = USBR
Measurements:
1. Type = Measurement
   Interval =
   Date Range =
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =
Description:

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

Notes:

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

Last Updated: 6/11/2012
Preliminary Data
Reach = 1A  Fresno County
River Mile = 260.6  Left Bank
X = -119.6830  Y = 36.9420  Status = Existing
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 312.31
Site = Little Dry Creek
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:

Notes:

Last Updated: 6/11/2012
Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_Flow\R_Well_LDC.mxd
Monitoring Location
MIL

Reach = 1A
Madera County
River Mile = 267.7
Right Bank
X = -119.7050  Y = 37.0010  Status = Existing
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) = 581
Measurement Pt. Elevation (ft NAVD88) = 587.15
Site = Friant Dam
Habitat =
Protocol Reference = ATR Appendix C
Organization = USBR
Measurements:
1. Type = Realtime
   Interval = Hourly
   Date Range =
2. Type = Measurement
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =
Description:

Influences:
Friant Dam, Madera Canal, Friant Kern Canal

Notes:

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

Last Updated:
6/11/2012

V:\SJRRP\Monitoring Well Data\Atlas_Flow\R_Well_MIL.mxd
Reach = 1A  Fresno County  River Mile = 266  Left Bank  
X = -119.7230  Y = 36.9840  Status = Existing  
(Horizontal Datum is NAD83)  
Distance From River Centerline (ft)=  
Ground Surface Elevation (ft NAVD88) =  
Measurement Pt. Elevation (ft NAVD88) = 309.04  
Site = Below Friant (Lost Lake Park)  
Habitat =  
Protocol Reference = ATR Appendix C  
Organization = USGS  
Measurements:  
1. Type = Realtime  
    Interval = 15 min  
    Date Range =  
2. Type = Measurement  
    Interval =  
    Date Range =  
3. Type =  
    Interval =  
    Date Range =  
Description:  

Influences:  
Friant Dam, Madera Canal, Friant Kern Canal  

Notes:  
* = assumed value  
bg = below ground surface  
nr = not recorded  
Preliminary Data  

V:\SJRRP\Monitoring Well Data\Atlas_Flow\R_Well_SJF.mxd  
Last Updated: 6/11/2012
Reach = 1B  Fresno County
River Mile = 227.6  Left Bank
X = -120.1600  Y = 36.7980  Status = Existing
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 184.88
Site = Gravelly Ford
Habitat =
Protocol Reference = ATR Appendix C
Organization = USBR
Measurements:
1. Type = Realtime
   Interval = 15 min
   Date Range =
2. Type = Measurement
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =
Description:

Influences:
Gravelly Ford Canal

Notes:

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

Last Updated:
6/11/2012

Preliminary Data
Monitoring Location
SKG

Reach = 1B
Fresno County
River Mile = 232.1
Left Bank
X = -120.0568  Y = 36.8227
Status = Existing
(Horizontal Datum is NAD83)
Distance From River Centerline (ft) =
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 235.22
Site = SJR at Skaggs Bridge
Habitat =
Protocol Reference = ATR Appendix C
Organization = USBR
Measurements:
1. Type = Measurement
   Interval =
   Date Range =
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =
Description:

Bridge crossing, Madera Lateral 6.2

Notes:

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

Last Updated:
6/11/2012
Preliminary Data
Reach = 2A  Fresno County
River Mile = 227.6  Left Bank
X = -120.1600  Y = 36.7980  Status = Existing
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 184.88
Site = Gravelly Ford
Habitat =
Protocol Reference = ATR Appendix C
Organization = USBR
Measurements:
1. Type = Realtime
   Interval = 15 min
   Date Range =
2. Type = Measurement
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =
Description:

Gravelly Ford Canal

Influences:

Notes:

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

Last Updated: 6/11/2012
Preliminary Data
Reach = 2A  Fresno County
River Mile = 224  Left Bank
X = -120.1800  Y = 36.6530  Status = Existing
(Horizontal Datum is NAD83)
Distance From River Centerline (ft) =
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 166.13
Site = James Bypass
Habitat =
Protocol Reference = ATR Appendix C
Organization = SLDMWA
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:

Notes:

V:\SJRRP\Monitoring Well Data\Atlas_Flow\R_Well_JBP.mxd

Last Updated: 6/11/2012
Preliminary Data
Reach = 2B  Madera County
River Mile = 216  Right Bank
X = -120.2850  Y = 36.7740  Status = Existing
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 180.59
Site = Chowchilla Bypass
Habitat =
Protocol Reference = ATR Appendix C
Organization = SLDMWA
Measurements:
1. Type = Realtime
   Interval = 15 min
   Date Range =
2. Type = Measurement
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =
Description:

Influences:
Chowchilla Bypass, Chowchilla Canal, Columbia Canal

Notes:

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

Last Updated: 6/11/2012

* = assumed value
bgs = below ground surface
NR = not recorded
Preliminary Data
Reach = 2B  Fresno County
River Mile = 216  Left Bank
X = -120.2860  Y = 36.7730  Status = Existing

(Horizontal Datum is NAD83)

Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 180.52

Site = Below Bifurcation
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:
Chowchilla Bypass, Chowchilla Canal, Columbia Canal

Notes:

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

Preliminary Data

Last Updated: 6/11/2012
Reach = 2B Fresno County
River Mile = 211.8 Left Bank
X = -120.3067 Y = 36.7789 Status = Existing
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 165.22
Site = SJR at San Mateo Rd nr Mendota
Habitat =
 protocol Reference = ATR Appendix C
Organization = USGS
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:
Chowchilla Bypass, Chowchilla Canal, Columbia Canal
Notes:

Last Updated: 6/11/2012
Preliminary Data
Reach = 3 Fresno County
River Mile = 202.1 Left Bank
X = -120.3670 Y = 36.7830 Status = Existing
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 155.06
Site = San Joaquin River near Mendota
Habitat =
Protocol Reference = ATR Appendix C
Organization = USGS
Measurements:
1. Type = Realtime
   Interval = 15 min
   Date Range =
2. Type = Measurement
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =
Description:

Influences:
Mendota Diversions

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

Last Updated: 6/11/2012

V:\SJRRP\Monitoring Well Data\Atlas_Flow\R_Well_MEN.mxd
Reach 4B1
Sand Slough Bypass
Control Structure

Eastside Bypass

Reach 4A

H152

Reach 4A
Flow Monitoring Locations

RECLAMATION
Managing Water in the West

V:\SJRRP\Monitoring Well Data\Atlas_Flow\R4A.mxd

Preliminary Data

Last Updated: 6/11/2012
Monitoring Location H152

Reach = 4A
River Mile = 173.9
X = -120.5497 Y = 37.0560

Site = SJR at Hwy 152
Habitat =
Protocol Reference = ATR Appendix C
Organization = USBR

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

Description:

Influences:
Highway Crossing

Notes:

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

Flow

Last Updated: 6/11/2012
Preliminary Data
Reach = 4A  Fresno County
River Mile = 181.2  Left Bank
X = -120.5015  Y = 36.9940  Status = Existing
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 126.934
Site = Below Sack Dam
Habitat =
Protocol Reference = ATR Appendix C
Organization = DWR
Measurements:
1. Type = Realtime
   Interval = 15 min
   Date Range =

2. Type = Measurement
   Interval =
   Date Range =

3. Type =
   Interval =
   Date Range =
Description:

Influences:
Sac Dam, Arroyo Canal

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

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

Last Updated: 6/11/2012
Preliminary Data
Reach = 4A Merced County
River Mile = 168.4 Left Bank
X = -120.5870 Y = 37.1153 Status = Existing
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 101.796
Site = Washington Road
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:
Sand Slough, Mariposa bypass, East Side Bypass
Notes:

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

Preliminary Data

Last Updated: 6/11/2012
Reach 4B1
Flow Monitoring Locations

Preliminary Data

Last Updated: 6/11/2012
Reach = 4B1 Merced County
River Mile = 163 Left Bank
X = -120.6053 Y = 37.1475 Status = Existing
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 109.68
Site = Eastside Bypass near El Nido
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:

Influences:
Sand Slough, Mariposa bypass, East Side Bypass

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

Last Updated: 6/11/2012
Reach 4B2 Flow Monitoring Locations

Preliminary Data

V:\SJRRP\Monitoring Well Data\Atlas_Flow\R4B2.mxd

Last Updated: 6/11/2012
Reach = 4B2        Merced County
River Mile = 146     Left Bank
X = -120.6981 Y = 37.2050 Status = Existing
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 106.75
Site = Eastside Bypass blw Mariposa Bypass
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:
Mariposa bypass, East Side Bypass, East Side
Irrigation Canal, Deep Slough
Notes:

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

Last Updated: 6/11/2012
V:\SJRRP\Monitoring Well Data\Atlas_Flow\R_Well_EBM.mxd
Reach = 4B2  Merced County
River Mile = 132.8  Left Bank
X = -120.8511  Y = 37.2478  Status = Existing
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 79.14
Site = Salt Slough
Habitat =
Protocol Reference = ATR Appendix C
Organization = USGS
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:
Salt Slough, San Luis Drain

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

Last Updated: 6/11/2012
Preliminary Data
Reach = 5  Merced County
River Mile = 125.1  Right Bank
X = -120.9300  Y = 37.3100  Status = Existing
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 73.31
Site = San Joaquin R at Fremont Ford Bridge
Habitat =
Protocol Reference = ATR Appendix C
Organization = USGS
Measurements:
1. Type = Realtime
   Interval = 15 min
   Date Range =
2. Type = Measurement
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =
Description:

Datalogger Type =
HEC-RAS Cross-section =
Current Rating Curve =
Influences:
Bridge crossing, Shag Slough(w/Pump)

Notes:

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

Last Updated:
6/11/2012
Preliminary Data
Reach = 5
River Mile = 118.4
Left Bank
X = -120.9918 Y = 37.3476
Status = Existing
(Horizontal Datum is NAD83)
Distance From River Centerline (ft) =
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) =
Site = SJR above Merced River (Hills Ferry)
Habitat =
Protocol Reference = ATR Appendix C
Organization = USBR
Measurements:
1. Type = Measurement
   Interval =
   Date Range =
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =
Description:

Influences:
Newman Westway, Merced River, Bridge Crossing

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

Last Updated: 6/11/2012

V:\SJRRP\Monitoring Well Data\Atlas_Flow\R_Well_HFB.mxd
Reach = 5
River Mile = 128.5
Merced County
Left Bank
X = -120.9056  Y = 37.2625
Status = Existing
(Horizontal Datum is NAD83)
Distance From River Centerline (ft) =
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 67.78
Site = Mud Slough
Habitat =
Protocol Reference = ATR Appendix C
Organization = USGS
Measurements:
1. Type = Realtime
   Interval = 15 min
   Date Range =
2. Type =
   Interval =
   Date Range =
3. Type =
   Interval =
   Date Range =
Description:

Influences:
San Luis Drain, Santa Fe Canal

Notes:

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

V:\SJRRP\Monitoring Well Data\Atlas_Flow\R_Well_MSG.mxd

Last Updated: 6/11/2012
Reach = 5  Merced County
River Mile = 118.4  Left Bank
X = -120.9770  Y = 37.3500  Status = Existing
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 71.39
Site = Newman
Habitat =
Protocol Reference = ATR Appendix C
Organization = USGS / 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:
Newman Westway, Merced River, Bridge Crossing
Notes:
* = assumed value
\( bgs = \) below ground surface
\( NR = \) not recorded

Preliminary Data

Last Updated:
6/11/2012

V:\SJRRP\Monitoring Well Data\Atlas_Flow\R_Well_NEW.mxd
Reach = 5
River Mile = 132.8
Merced County
Left Bank
X = -120.8510 Y = 37.2950 Status = Existing
(Horizontal Datum is NAD83)
Distance From River Centerline (ft)=
Ground Surface Elevation (ft NAVD88) =
Measurement Pt. Elevation (ft NAVD88) = 79.67
Site = Stevinson
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:
Deep Slough, East Side Irrigation Canal

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

Last Updated: 6/11/2012
Reach = 5  
River Mile = 118.4  
Left Bank  
X = -120.9751  Y = 37.3473  
Status = Existing  
(Horizontal Datum is NAD83)  

Distance From River Centerline (ft)=  
Ground Surface Elevation (ft NAVD88)=  
Measurement Pt. Elevation (ft NAVD88) = 71.39  
Site = San Joaquin River near Newman  
Habitat =  
Protocol Reference = ATR Appendix C  
Organization = USGS  

Measurements:  
1. Type = Realtime  
   Interval = 15 min  
   Date Range =  
2. Type =  
   Interval =  
   Date Range =  
3. Type =  
   Interval =  
   Date Range =  

Description:  

Influences:  
Newman Westway, Merced River, Bridge Crossing  

Notes:  

" * = assumed value  
 bgs = below ground surface  
 NR = not recorded  
 Preliminary Data  

Last Updated: 6/11/2012  
V:\SJRRP\Monitoring Well Data\Atlas_Flow\R_Well_SMN.mxd