

Schema for IP3 Data Archive

Basins		
BasinId	Integer	Basin Identifier
BasinName	Text	Name
Prov	Text	Province / Territory
Hydroclimate	Text	Hydroclimatic context
Lead	Text	Name of lead investigator
eMail	Text	e-mail address of Basin Lead
Institution	Text	Institution / Department of Basin Lead
AuthorList	Text	List of dataset 'authors'
FundOrgs	Text	Other funding organisations
OtherSupport	Text	Other support
Locale	Text	Nearest town (with vector)
TimeZone	Text	PST / MST

Stations		
BasinId	Integer	Identifier of Basin in which Station is located
StationId	Integer	Station Identifier
BasinName	Text	Name of containing basin
StationName	Text	Name of station
StationType	Text	Type of station
PosnLat	Float	Latitude (decimal)
PosnLong	Float	Longitude (decimal)
PosnUTMZone	Text	UTM Zone
PosnUTMEast	Integer	UTM Easting
PosnUTMNorth	Integer	UTM Northing
Elevation	Integer	Elevation (approx)

DetDefs		
StationId	Integer	Identifier of Station at which observations were made
DetName	Text	Name of observation
DetGroup	Text	General observation group
TableName	Text	Name of table containing data for station
FieldName	Text	Name of field containing data
Units	Text	Units of measurement
Notes	Text	Notes on data (may be several, separated by ' ')
Instrument	Text	Instruments (may be several, separated by ' ')
InstrumentHeight	Text	Instrument height (may be several, separated by ' ')
ObsFreq	Text	Observation frequency
PoRStart	Date / Time	Date / time of first value
PoRFinish	Date / Time	Date / time of last value
NumValues	Integer	Number of (non-null) values
MinValue	Float	Minimum value
MaxValue	Float	Maximum value
Flags	Text	Flags used (may be several, separated by ' ')

TableName identifies the name of the table storing the dataset

FieldName identifies the name of the field in that table in which the data are stored

TableName		
ObsDateTime	Date / Time	Date / time of observation
FieldName	Float	Value
FieldName_Flags	Text	Value-flag or Null (does not exist in every table!)
...		