Where to Update or Set Values in HydroBase

Stage/Flow Defaults:

Action Stage -	River Gage > River Gage > Geophysical
Bankfull Stage -	River Gage > River Gage > Additional Info
Issuance Stage / Flow - (**new!!**)	River Gage > River Gage > Geophysical
Flood Stage –	River Gage > River Gage > Geophysical
and	River Gage > Flood Category > Minor
Minor Category -	River Gage > Flood Category
Moderate Category -	River Gage > Flood Category
Major Category -	River Gage > Flood Category

Datum Information:

Zero Datum – (below stream bed)	River Gage > River Gage > Geophysical
Vertical Reference Datum used	
(e.g., NGVD 1929 or NAVD 88)	River Gage > River Gage > Additional Info
Vertical Datum Elevation and Date -	River Gage > Datum
Horizontal Datum – (Lat/Lon) –	Location > Geophysical > (Lat/Lon)
Horizontal Reference Datum –	Location > Additional Info > (e.g., NAD83)
Actual Gauge Elevation	
(above ground level) –	Location > Modify Location > Geophysical

RiverPro – Related:

Forecast Point Group Assignment -	River Gage > River Gage > Geophysical
and	Setup > RiverPro Forecast Groups/Points
RiverPro Default Settings	Setup > RiverPro General Parameters

- Lookback hours for Observed data
- Lookforward hours for Forecast data
- String to use for Missing data
- Number of hours before expiration of RVS, FLS, FLW

Impacts:

High Water Impacts	River Gage > Impact Statement

- Used by **RiverPro**
- Updates floodstmt table

High Water Events/Impacts	River Gage > Flood Damage

- Used in E-19s and internally
- Updates flood table

Low Water Impacts	River Gage > Low Water Statement

- Impacts transferred to AHPS CMS and listed on public pages
- Updates lwstmt table

Low Water Events	River Gage > Low Water

- Records displayed on E-19 and public AHPS pages
- Updates lowwater table

Create Test/Dummy Station:

Copy an existing station   Location > Geophysical > Copy to New Location
            or   Location > Additional Info > Copy to New Location
- Copy All Data (including obs/fcst)
- Copy Reference Data Only
- You still need to give it a different ID and perhaps edit Lat/Lon to see both on map

Various Settings:

Benchmark Documentation   River Gage > Benchmark

Contact / Observer Information   Location > Contacts
           and   Location > Data Sources > Type > Observer

Data Checks   Data Ingest > QC/Alert/Alarm Limits
- Default checks affecting all sites
- Location-specific checks affecting only 1 site
- Gross & Reasonable Range checks
- Rate-of-Change and Difference checks
- Seasonal checks

Description Details at Gauge   River Gage > Description
- Affected Area – lat/lon points for mapping
- Diversion remarks
- Freezing remarks
- Proximity (near, at, etc.)
- Reach (80-characters text)
- Regulation remarks
- Remarks (general)
- Stream bed
- Topography remarks

Driving Directions to Gauge -   River Gage > River Gage > Geophysical > (Remarks)

HSA, WFO, RFC responsible -   Location > Modify Location > Geophysical

HydroGen Configuration   Setup > HydroGen Configuration

Modify Crest or Record Crest Info   River Gage > Crest History

Purge Parameters   Data Ingest > Purge Parameters

Reports (Flood, E-19, B-44, etc.)   Reports >

Reservoir – other static data -   Reservoir > Reservoir

(continued)

Reservoir Pool Elevations -   Reservoir > Reservoir
- Flood, Spillway, Conservation, Dead, plus Max Surcharge, Top, Sill, Reservoir

Revision Dates – (for Location and River Gage changes)
                                          River Gage > River Gage > Geophysical
                                          Location > Modify Location > Geophysical

Station List Filter Options   Button on bottom left of HydroBase GUI
- Use to see if list of stations displayed includes SHEF Post & SHEF No Post

TypeSource Rank (of multiple gauges)   Data Ingest > Ingest Filter
- Assign 1st, 2nd etc. preferences for locations with multiple gauges

USGS Rating Number & Date -   River Gage > River Gage > Additional Info

USGS Station Number -   River Gage > River Gage > Additional Info

Wire Weight Check Bar Reading -   River Gage > River Gage > Additional Info