**IEP Status & Trends Report: Winter Season Datasets**

**Dayflow Program (DWR): net Delta outflow index**

Study description: <https://water.ca.gov/Programs/Environmental-Services/Compliance-Monitoring-And-Assessment/Dayflow-Data>

Data location: <https://water.ca.gov/Programs/Environmental-Services/Compliance-Monitoring-And-Assessment/Dayflow-Data>

Data format: comma delimited files (.csv)

Range: 1929-present

Data is posted by year- so will need to combine. Easy to read into pandas

**Environmental Monitoring Program (DWR): Temperature, NO3-/NO2-/NH4+, Turbidity, Chlorophyll-a**

Study description: <https://emp.baydeltalive.com/projects/11285>

Data location: <https://emp.baydeltalive.com/projects/11285>

(lab data) <https://data.ca.gov/dataset/water-quality-data>

Data format: Microsoft Excel files (.xls)

Range: 1979-present

The data is not available at a static url (linked using html/jquery)

Where is the field data hosted? Its on WDL, but can’t figure out how to get that routinely- have reached out Kelli P

<https://emp.baydeltalive.com/projects/11285#>

**Environmental Monitoring Program (DWR): Phytoplankton**

Study description: <https://emp.baydeltalive.com/project/11282>

Data location: <https://emp.baydeltalive.com/project/11282>

Data format: comma delimited files (.csv)

Range: 1976-present

<https://emp.baydeltalive.com/assets/06942155460a79991fdf1b57f641b1b4/text/csv/Phytoplankton_Algal_Type_Data_1975_-2016.csv>

**Zooplankton Survey (CDFW): Zooplankton**

Study description: <https://emp.baydeltalive.com/projects/11281>

Data location: <https://emp.baydeltalive.com/projects/11281>

Data format: Microsoft Excel files (.xlsx)

Range: 1979-present

Three diff. types of sampling (e.g.pumps. etc). pull all three, but not up to date

<https://emp.baydeltalive.com/assets/06942155460a79991fdf1b57f641b1b4/application/vnd.ms-excel/1972-2016CBMatrix.xlsx>

<https://emp.baydeltalive.com/assets/06942155460a79991fdf1b57f641b1b4/application/vnd.ms-excel/1972-2016PumpMatrix.xlsx>

<https://emp.baydeltalive.com/assets/06942155460a79991fdf1b57f641b1b4/application/vnd.ms-excel/1972-2016MysidMatrix.xlsx>

**Smelt Larva Survey (CDFW): Longfin Smelt**

Study description: <http://www.dfg.ca.gov/delta/projects.asp?ProjectID=SLS>

Data location: <ftp://ftp.dfg.ca.gov/Delta%20Smelt/>

Data format: Microsoft Access database (.mdb)

Range: 2009-present

**Bay Study (CDFW): Longfin Smelt**

Study description: <http://www.dfg.ca.gov/delta/projects.asp?ProjectID=BAYSTUDY>

Data location: <ftp://ftp.dfg.ca.gov/BayStudy>

Data format: Microsoft Access database (.mdb)

Range: 1980-present

**Spring Kodiak Trawl (CDFW): Delta Smelt**

Study description: <http://www.dfg.ca.gov/delta/projects.asp?ProjectID=SKT>

Data location: <ftp://ftp.dfg.ca.gov/Delta%20Smelt/>

Data format: Microsoft Access database (.mdb)

Can we pull mdb into pandas or R directly?

Range: 2002-present

**Red Bluff Diversion Dam Rotary Screw Trap Monitoring (US FWS): Winter-run Chinook**

Study description: <https://www.fws.gov/redbluff/rbdd_jsmp.html>

Final reports: <https://www.fws.gov/redbluff/MSJM%20Reports/RST/rbdd_jsmp_annual.html>

Bi-weekly data: <https://www.fws.gov/redbluff/RBDD%20JSM%20Biweekly/2018/rbdd_jsmp_2018.html>

Data format: tables in electronic reports (.pdf) by week

Range: 1994-2000; 2002-present

**Yolo Bypass Fish Monitoring Program (DWR): juvenile Chinook & Splittail**

Study description: <https://portal.edirepository.org/nis/mapbrowse?packageid=edi.233.1>

Data location: <https://portal.edirepository.org/nis/mapbrowse?packageid=edi.233.1>

Data format: comma delimited files (.csv)

Range: 1998-present