Since 2014, the California Department of Water Resources (DWR) has conducted annual Chinook salmon redd surveys. The objective of this data collection effort is to quantify and understand potential shits in redd distribution and potential habitat differences between historic and restored sites. The redd surveys are conducted in the uppermost 16 miles of the lower Feather River though have been concentrated in the uppermost two miles of the lower Feather River in, and adjacent to the Gravel Supplementation Areas (GSAs). Redd surveys are conducted less frequently in the 14 miles downstream of the GSAs. Surveys typically begin in mid-September at the onset of spawning and generally conclude at the end of November. This dataset represents an extensive time series that could be used to identify habitat conditions where Chinook salmon spawn, how these conditions have changed over time, especially in areas where restoration has occurred. These data were published to support the Healthy Rivers and Landscapes Program.