



Figure 4-5. Elevation Bands for the Protection, Restoration, and Enhancement of Different Classes of Natural Communities

Figure 4-5. Elevation Bands for the Protection, Restoration, and Enhancement of Different Classes of Natural Communities (contd.)

Figure 4-5 is a map that illustrates Elevation Bands within the Delta. Elevation Bands depicted are:

- The Floodplain Elevation Band consists of land at elevations that are greater than or equal to 10 feet mean higher high water. The Floodplain Elevation Band is the least extensive among those shown in the map. Land areas within the Floodplain Elevation Band are concentrated as follows: on the western side of the Yolo Bypass; two small areas west of the City of Galt along the Cosumnes and Mokelumne Rivers; and a conical shaped area at the southeastern tip of the Delta, along the San Joaquin River, south of the City of Lathrop.
- The Sea Level Rise Accommodation Band consists of land at elevations that are between 0 to 10 feet mean higher high water. The Sea Level Rise Accommodation Band includes: a narrow strip of land at the northern boundary of Suisun Marsh, small patches of land at the eastern edge of Suisun Marsh; a wide swath of land at the western edge of Cache Slough that continues into much of Yolo Bypass; waterside levee area along the Sacramento River and adjacent channels and sloughs; a strip of land at the eastern boundary of the Delta along Highway 5, between Stockton and Sacramento; a wide swath of land north of Tracy and Lathrop at the base of the San Joaquin River floodplain; and a narrow strip of land extending from Tracy west to Clifton Court Forebay, and northwest to Oakley.
- The Intertidal Elevation Band consists of land at elevations between mean tide level and mean higher high water in Suisun Marsh, and between mean lower low water and mean higher high water in the Delta. Existing tidal wetlands in Suisun Marsh and western Delta islands near Pittsburg are located in the Intertidal Elevation Band. Other concentrated land areas located within the Intertidal Elevation Band are within Cache Slough and in the south Delta. There are narrow strips of land located in the Intertidal Elevation Band at the edges of the Sea Level Rise Accommodation Band, extending along Highway 5 between Stockton and Sacramento, and from Tracy to Oakley. Scattered patches of land in the Intertidal Elevation Band are also present on Decker Island, Prospect Island, Merritt Island, Pearson District, McCormack Williamson Tract, and New Hope Tract.
- The Shallow Subtidal Elevation Band consists of land at elevations between 4.5 feet below mean lower low water and mean tide in Suisun Marsh, and between 8 feet below mean lower low water and mean lower low water in the Delta. The Shallow Subtidal Elevation Band consists of: the majority of Suisun Marsh; the southeastern corner of Cache Slough; land between the Sacramento River Deep Water Ship Channel and the Sacramento River in the north Delta; the majority of the Pearson District; a strip of land along the eastern edge of the Delta, adjacent to and west of the Intertidal Elevation Band; land south of Highway 4 and adjacent to the Intertidal Elevation Band, in the south Delta; and a narrow strip of land running north from Clifton Court Forebay to Oakley.

The Deep Subtidal Elevation Band consists of land at elevations that are below the Shallow Subtidal Elevation Band. The Deep Subtidal Elevation Band consists primarily of land areas on islands in the central and western Delta, from Sherman Island in the west to Rindge Tract in the east, and from Victoria Island in the south to Liberty and Grand Islands in the north. The methods used to develop this map are documented in Appendix Q1. The elevation bands illustrated in this map are the same as the elevation bands identified in Appendix Q2, which discusses the best available science concerning land subsidence, future sea level rise, and appropriate locations for protection, restoration, and enhancement actions. Alternative formats of this map are available upon request.