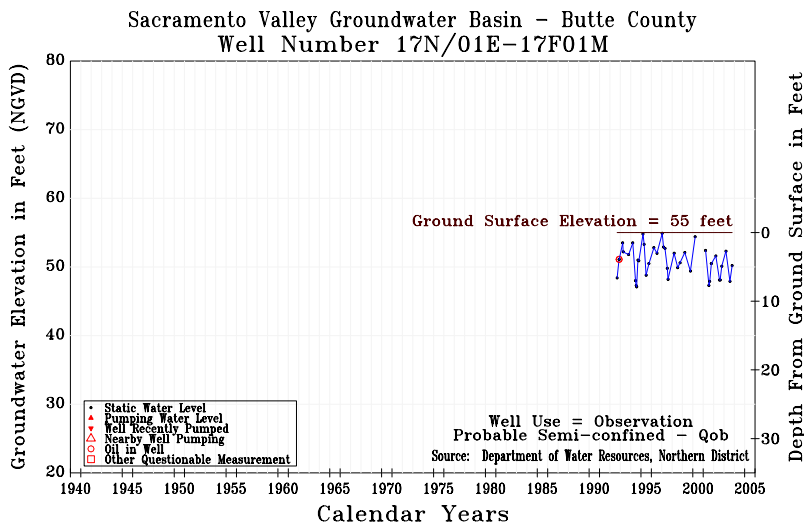


Butte Sink Sub-Area (Well Number 17N/01E-17F01M):

The figure below is a hydrograph for well 17N/01E-17F01M, in the northwestern portion of the Butte Sink Sub-area. The land use surrounding this well is characterized as native riparian and agricultural. Agricultural cultivation in this area consists of rice production supported primarily by surface water. Surface water is also used as the primary source for flooding of native riparian land for waterfowl habitat. This well is a dedicated monitoring well constructed in the upper to middle portions of the aquifer, with a groundwater level measurement record dating back to 1992. The groundwater levels in this well were monitored on a monthly basis from 1992 to 1995, and are currently monitored four times a year during March, July, August and October.

The figure shows that the spring to summer fluctuation of groundwater levels in the unconfined portion of the aquifer system averages only 3 to 5 feet during years of normal precipitation and 5 to 8 feet during years of drought. Long-term comparison of spring-to-spring groundwater levels show little change in spring groundwater levels from 1986-94 drought. Further long-term analysis of spring-to-spring groundwater levels is not possible due to the short monitoring history.



Hydrograph for Well 17N/01E-17F01M

Examination of this record reveals that following 1997, groundwater levels declined about three feet. Since that time groundwater levels have remained relatively stable at that level. It is unknown why the level dropped, however, it is not considered significant. Groundwater in storage is not being depleted in the sub-area at this time.