Let $R$ be a commutative ring. An $R$-complex $F$ is \textit{perfect} if it is quasiisomorphic to a bounded complex of finitely generated projective modules. A useful invariant associated to every perfect complex is its \textit{level}. We can think of the level of $F$ as the number of steps it takes to build $F$ out of $R$. We will discuss finding bounds on the level of a perfect complex. In particular, we will show that the length of the largest gap in the homology of a complex $F$ gives a lower bound for the level of $F$. (Received September 21, 2015)