We consider the enumeration of ordered set partitions avoiding a permutation pattern. Recently, many results have been published concerning this topic, including enumerative results by Bruner, Chen et al., Godbole et al., and Kasraoui. We specifically consider Kasraoui’s summation formula for the number of ordered set partitions that avoid a pattern of length 3, and analyze it in a variety of ways. Through parameterization, we find the value of $i$ for which the maximum value in the sum occurs. We develop a simplified approximation of the formula, and we then obtain a lower bound for the resulting sum. All results are thus asymptotic but the number of parts in the partition is allowed to grow to infinity with $n$. (Received September 03, 2013)