

Ocean Beach, San Francisco, California

Mega Rip currents on a Disappative Beach

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Abstract: Ocean Beach is a disapative beach, which is associated with large powerful rip currents. The processes that cause these rip currents on Ocean Beach have not been studied. As well, the general dimension of size, shape and velocity (the 3-dimension seaward distance and vertical distance) of these rip currents are also unknown. This report looks at the coastal geography of these mega rip currents. Using video and GPS as observational tools locate and plot these rip currents.