



Hillsboro Inlet, Pompano Beach, Florida. This small flood control inlet (which services the Hillsboro Canal) and navigational entrance is maintained by the Hillsboro Inlet Improvement and Maintenance District. The inlet was one of the first in Florida to mechanically bypass 100% of the estimated net littoral drift (from north to south). The weir jetty on the updrift side of the entrance (right photo center) over-passes sediments into the sand trap. Sediments which collect in the settling basin are periodically pumped by a floating dredge to the downdrift beach. The entrance to the inlet throat is cut through limestones of the Anastasia Formation, a coquina-rich bar deposit formed during the Sangamonian Interglacial high sea-level stand about 100,000–120,000 years ago. The operations of the Inlet District will be featured during one of the field excursions. (Photo: C. W. Finkl, Spring 1996).