

It would be of interest to place 10 plaques of material of 10 different hardnesses on the surfaces of rocks that receive erosive action of waves and after certain periods of time (1 hr to a year or so) examine these surfaces with the electronic scanning scope to determine degree of erosion. With such information one could predict the rate of erosion of shorelines. One would naturally take into account the nature of massive effoliation of the land heads.

Bufadora, Baja California, Mexico  
~~inferred~~ ~~reference~~ ~~reference~~  
 May 25, 1983

Temperatures in A.M. about 60°F, every day foggy and sun not out until about noon.

This P.M. took following photographs

- 830625-1 From Barth of view of rocks and water action below. Points of reference can be seen such as circulation of water, tide markers etc.
- 830625-2 *ibid* m/c
- 830625-3 Same area but close-up of water falls over rock partition between 2 basins. Falls reverse movement.
- ~~830625-4 *ibid*. Shadow of Annette me on rock.~~
- 830625-5 Rocks and wave action
- 830625-6 " "
- 830625-7 <sup>m/c</sup> " "
- 830625-8 Annette and water action, all below camp.
- 830625-9 Barth and villa on SE point.
- 830625-10 Cone & water action on round boulders E of flow-hole area.

A harbor seal passed 50' to E of 830625-8. Photo, also an American oystercatcher flew by. This is an extension of the usual range of this bird which is more generally found further to the south.

up to 6:00 P.M. brown pelican dropped from range to E, probably from W side of peninsula in groups of 65-20-32-48-60-2. after six o'clock one group 14 at 6:03, 1 at 6:06, 1 at 6:30, all flying to W past bay.

Some noticed that debris moves N with incoming tide & S with outgoing tide. One can move thru rocks below camp to N, thence E, thence S to be caught 10' into mass of floating kelp. Kelp trap surface scum which is usually broken or dissolved. Larger particles remained trap in kelp.

In some channels water flows constantly, first one direction, then another and the kelp and other vegetation is always moving with great pressures.