

Dear Alan,

Here is the data base that I have worked up. It includes the three different times that we have monitored the area since I have been here on Kauai. There is some data that Ben W has and I will try to get it from him, it is not included at this time. Check this out and tell me if it is to your liking.

The three dates here are July 3, 7 & 11. 7-3 (Sat) was partly cloudy and sunny (turning overcast as the wind came up), with 1-2 ft surf, light winds and very low tides in the morning, with the tide coming up in the afternoon. 7-7 (Wed) was partly cloudy with scattered showers, light wind picking up slightly in the afternoon, with 1 ft surf / glassy, and a similar tidal situation as 7-3. 7-11 (Sun) was clear with just a few clouds (1-3 ft swell), calm seas in the morning and picking up as the breeze intensified (windsurfing), low tide in the morning and getting high in the afternoon.

I feel pretty good about this data, but there are some problems that I would like your ideas on. 1) We did not have a column for people walking on the reef on the survey, and I have included in now, but not all observers noted it in the beginning, 2) The observations are not good about the tour buses, because it was very difficult to see the parking lot and the beach and marine activities simultaneously. I am worried that we missed some buses, but I did talk to a bus operator and she said that she visited Ke'e 2-3 times a week and had 26-31 passengers. She was with Polynesian Adventure Tours, and said that KIT and Roberts send buses out to Ke'e also and at about the same rate. 3) We did not include helicopters in the study but some of the observers included it in their survey, but the observations were not consistent, 4) It appears that the Kayaks do not run on Sundays and this will change the data, so I need to contact the kayak companies and find out, 5) I did not include a weather section in the data sheet. 6) We only focused on the beach and lagoon area, and not on the trails or paths on the other side of the lagoon. 7) The actual time that people spent at the beach was not noted, but I did to a number of tourists and it seemed that they stayed from 1-2 hours (if they came to snorkel and sunbath), some people just came, looked and drove away, but I do not think they were too much of an impact since we did not count people in the parking lot. Just once they got onto the beach.

No boats (that I know of)S, except kayaks came into the lagoon. They were all outside the reef and passing by.

Snorkelers are defined as anyone in the water at any level with a mask and snorkel on, or in their hands.

Swimmers are defined as anyone in the water at any level without snorkel gear.

Boogyboarders are anyone with a boogyboard in their hand and in the water.

Surfers are the same, so these people might not actually be in the act and could be just paddling around.

Some of the boogyboarders were using them for floatation.

I think that is all, but if I think of anything I will let you know.

The Hui meeting is set for 4 pm on Aug 1. I know it is late in the afternoon, and hope that you can make it.

See ya,

Carl Stepath