



Yards of beach were swept inland by flooding. Picture by T. Pressler

Hurricane Iwa moved with a forward speed of 30 to 40 mph past Kauai with maximum sustained winds estimated at approximately 90 mph. A small area near the center had gusts as high as 120 mph. Surf and water damage to shoreline property was extensive along the entire south shore of Kauai. Mr. Pressler provided engineering assistance to several Hotels during the reconstruction period of approximately one year.



Luxury ocean front view

High -->
water
marks
from salt
water
flooding



Motor starters submersed
in salt water

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STORM CATEGORIES:

Tropical storms are named once they obtain sustained winds of 39 to 73 mph.

Hurricanes:

Category 1: winds 74-95mph, storm surge of 4-6ft. above normal.

Category 2: winds 96-110mph, storm Surge 6-10ft.

Category 3: winds 111-130mph, storm surge 10-16ft.

Category 4: winds 131-155mph, storm surge 16-22ft.

Category 5: winds greater than 155mph and a storm surge greater than 22ft above normal.

Though Iwa was only listed as a Category 1 hurricane a large amount of destruction by wind and waves occurred. It seems miraculous that injuries and loss of life were so small.