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Answer: Boat c
Just as raindrops hit you harder the faster you run into a slanting rain, the wind impact increases for Boat c that angles into the wind. This is the main reason that a sailcraft attains maximum speed when directed at an angle upwind rather than crosswind or downwind. It can’t sail directly upwind, but it can sail to a destination upwind by zig-zagging back and forth. This is called tacking.