1035-11-1199 Scott Ahlgren, 1409 West Green St., Urbana, IL 61801, and Matthew Boylan* (boylan@math.sc.edu), 1523 Greene St., Columbia, SC 29208. Odd coefficients of weakly holomorphic modular forms.

Suppose that $f(z) = \sum a(n)q^n$ is a weakly holomorphic modular form on $\Gamma_1(N)$ with integer coefficients. We will discuss general lower bounds on the number of integers n for which a(n) is odd. (Received September 19, 2007)