Fewest points 1 team 1 game -33 by Iowa State vs Oklahoma A&M, 1947 Fewest points 1 team 3 games - 122 by Iowa State, 1947 Fewest points 2 teams 1 game - 77 by Iowa State (33), Oklahoma A&M (44), 1947

Most field goals 1 team 1 game - 38 by Iowa State vs Stanford, 1951 (overtime)

38 by Stanford vs Iowa State, 1951 (overtime)

-38 by Kansas State vs Iowa State, 1953

Most field goals 1 team 3 games -98 by Kansas State, 1953 Most field goals 2 teams 1 game -76 by Iowa State (38), Stanford (38), 1951, overtime

Fewest field goals 1 team 1 game - 11 by Iowa State vs Kansas, 1946
11 by Iowa State vs Oklahoma A&M, 1947
- 11 by Oklahoma vs Missouri, 1949

Fewest field goals 1 team 3 games - 40 by Iowa State, 1947
Fewest field goals 2 teams 1 game - 23 by Oklahoma (11), Missouri (12), 1949

Most free throws 1 team 1 game - 36 by Kansas vs Oklahoma, 1953 Most free throws 1 team 3 games - 90 by Kansas, 1953 Most free throws 2 teams 1 game - 69 by Kansas (36), Oklahoma (33), 1953

Fewest free throws 1 team 1 game - 3 by Kansas vs Iowa State, 1950
- 3 by Kansas vs Minnesota, 1950
Fewest free throws 1 team 3 games = 11 by Kansas, 1950
Fewest free throws 2 teams 1 game - 15 by SMU (6), Missouri (9), 1946

Most missed free throws 1 team 1 game - 23 by Colorado vs Kansas, 1953 Most missed free throws 1 team 3 games - 52 by Kansas, 1953 Most missed free throws 2 teams 1 game - 42 by Colorado (23), Kansas (19), 1953

Fewest missed free throws 1 team 1 game - 0 by Colorado vs Oklahoma, 1947
- 0 by Kansas vs Michigan, 1949

Fewest missed free throws 2 teams 1 games - 8 by Kansas, 1950

Fewest missed free throws 2 teams 1 game - 5 by Oklahoma (2).

Fewest missed free throws 2 teams 1 game - 5 by Oklahoma (2), Colorado (3), 1948
5 by Kansas (2), Oklahoma (3), 1948
5 by Kansas (0), Michigan (5), 1949

Best free throw percentage 1 team 1 game - 1.000 (14-0), Cylorado vs Oklahoma, 1947
Best free throw percentage 1 team 3 games - .811 (43-10), Oklahoma, 1948
Best free throw percentage 2 teams 1 game - .839, Kansas (9-0), Michigan (17-4), 1949

Worst free throw percentage 1 team 1 game = .368, Kansas State (7-12) vs Oklahoma, '50 Worst free throw percentage 1 team 3 games - .491, Missouri (26-27), 1946 Worst free throw percentage 2 teams 1 game - .488, KSC (7-12), Oklahoma (13-9), 1950

Most personal fouls 1 team 1 game - 38 by Oklahoma vs Kansas, 1953 Most personal fouls 1 team 3 games - 87 by Kansas, 1953 Most personal fouls 2 teams 1 game - 70 by Oklahoma (38), Kansas (32), 1953

Fewest personal fouls 1 team 1 game - 9 by Michigan vs Kansas, 1949
Fewest personal fouls 1 team 3 games - 30 by Michigan, 1949
Fewest personal fouls 2 teams 1 game - 25 by Missouri (10), Oklahoma (15), 1946