

- Most points by winning team - 103 by Stanford, vs Iowa State, 1951 (overtime)
 98 by Kansas State vs Iowa State, 1953 (regulation)
- Most points by losing team - 102 by Iowa State vs Stanford, 1951 (overtime)
 87 by Kansas vs Kansas State, 1952 (regulation)
- Fewest points by winning team - 44 by Oklahoma A&M vs Iowa State, 1947
 - 44 by Missouri vs Oklahoma, 1949
- Fewest points by losing team - 33 by Iowa State vs Oklahoma A&M, 1947
- Widest winning margin - 33 points by Colorado (81) vs Harvard (48), 1948
- Most points in overtime - 19 by Nebraska vs Iowa State, 1949
- Fastest fouling out - 43 seconds playing time by Jack Froistad (C) vs Iowa State, 1950
- Most points 1 player 1 game - 39 by Sherman Norton (O) vs Stanford, 1951
- Most points 1 player 3 games - 82 by Clyde Lovellette (K), 1950
- Most points 1 player all meets - 222 by Clyde Lovellette (K)
- Most field goals 1 player 1 game - 15 by Maynard Johnson (Minn) vs Colorado, 1950
- Most field goals 1 player 3 games - 37 by Clyde Lovellette (K), 1950
- Most field goals 1 player all meets - 93 by Clyde Lovellette (K)
- Most free throws 1 player 1 game - 14 by Dick Knostman (KS) vs Kansas, 1952
 - 14 by Bill Brainard (K) vs Oklahoma, 1953
- Most free throws 1 player 3 games - 28 by Delmar Diercks (IS), 1952
- Most free throws 1 player all meets - 47 by Bill Johnson (N)
- Most free throws missed 1 player 1 game - 8 by Clarence Brannum (KS) vs Oklahoma, '49
 - 8 by Sam Morrison (C) vs Kansas, 1953
- Most free throws missed 1 player 3 games - 12 by Leo Vanderkuy (Mich), 1949
 12 by Dean Parson (Wash), 1953
 - 12 by Charles Duncan (IS), 1953
- Most free throws missed 1 player all meets - 27 by Bill Johnson (N)
- Most personal fouls 1 player 3 games - 15 by Delmar Diercks (IS), 1950
- Most personal fouls 1 player all meets - 37 by Delmar Diercks (IS).

FORWARDS

- Most points 1 game - 39 by Sherman Norton (O) vs Stanford, 1951
- Most points 3 games - 65 by Sherman Norton (O), 1951
- Most points all meets - 135 by Jesse Prisock (KS)
- Most field goals 1 game - 13 by George Hess (IS) vs Stanford, 1951
 - 13 by Sherman Norton (O) vs Stanford, 1951
- Most field goals 3 games - 25 by Jesse Prisock (KS), 1953
- Most field goals all meets - 49 by Jesse Prisock (KS)
- Most free throws 1 game - 13 by Sherman Norton (O) vs Stanford, 1951
- Most free throws 3 games - 21 by Sherman Norton (O), 1951
 - 21 by Bob Jeangerard (C), 1953
- Most free throws all meets - 37 by Jesse Prisock (KS)

(more)