| Rank | Running Backs | Team | Орр |
|------|---------------------|------|---------|
| 1 | Alvin Kamara | NO | vs. TB |
| 2 | Todd Gurley | LAR | at OAK |
| 3 | David Johnson | ARI | vs. WAS |
| 4 | Melvin Gordon | LAC | vs. KC |
| 5 | Christian McCaffrey | CAR | vs. DAL |
| 6 | Ezekiel Elliott | DAL | at CAR |
| 7 | Leonard Fournette | JAC | at NYG |
| 8 | Kareem Hunt | KC | at LAC |
| 9 | Saquon Barkley | NYG | vs. JAC |
| 10 | Dalvin Cook | MIN | vs. SF |
| 11 | Joe Mixon | CIN | at IND |
| 12 | LeSean McCoy | BUF | at BAL |
| 13 | Alex Collins | BAL | vs. BUF |
| 14 | Devonta Freeman | ATL | at PHI |
| 15 | Kenyan Drake | MIA | vs. TEN |
| 16 | Jordan Howard | CHI | at GB |
| 17 | Lamar Miller | HOU | at NE |
| 18 | James Conner | PIT | at CLE |
| 19 | Jamaal Williams | GB | vs. CHI |
| 20 | Royce Freeman | DEN | vs. SEA |
| 21 | Jay Ajayi | PHI | vs. ATL |
| 22 | Rex Burkhead | NE | vs. HOU |
| 23 | Carlos Hyde | CLE | vs. PIT |
| 24 | James White | NE | vs. HOU |
| 25 | Dion Lewis | TEN | at MIA |
| 26 | Derrick Henry | TEN | at MIA |
| 27 | Duke Johnson | CLE | vs. PIT |
| 28 | Bilal Powell | NYJ | at DET |
| 29 | Marshawn Lynch | OAK | vs. LAR |
| 30 | Peyton Barber | TB | at NO |

| 31 | Chris Thompson | WAS | at ARI |
|------------|-------------------|-----|---------|
| 32 | Tarik Cohen | CHI | at GB |
| 33 | Chris Carson | SEA | at DEN |
| 34 | Tevin Coleman | ATL | at PHI |
| 35 | Adrian Peterson | WAS | at ARI |
| 36 | Ty Montgomery | GB | vs. CHI |
| 37 | Isaiah Crowell | NYJ | at DET |
| 38 | Matt Breida | SF | at MIN |
| 3 9 | Theo Riddick | DET | vs. NYJ |
| 40 | Giovani Bernard | CIN | at IND |
| 41 | Devontae Booker | DEN | vs. SEA |
| 42 | Jordan Wilkins | IND | vs. CIN |
| 43 | Alfred Morris | SF | at MIN |
| 44 | Austin Ekeler | LAC | vs. KC |
| 45 | Kerryon Johnson | DET | vs. NYJ |
| 46 | Latavius Murray | MIN | vs. SF |
| 47 | Mike Gillislee | NO | vs. TB |
| 48 | Javorius Allen | BAL | vs. BUF |
| 49 | Sony Michel | NE | vs. HOU |
| 50 | Rashaad Penny | SEA | at DEN |
| 51 | Kyle Juszczyk | SF | at MIN |
| 52 | Darren Sproles | PHI | vs. ATL |
| 53 | Marlon Mack | IND | vs. CIN |
| 54 | Corey Clement | PHI | vs. ATL |
| 55 | C.J. Anderson | CAR | vs. DAL |
| 56 | Nyheim Hines | IND | vs. CIN |
| 57 | Alfred Blue | HOU | at NE |
| 58 | Frank Gore | MIA | vs. TEN |
| 59 | LeGarrette Blount | DET | vs. NYJ |
| 60 | Ronald Jones II | TB | at NO |