



Launch Angle (Degrees°) ↴	Ball Speed (mph)	
	Height +/- 25 (ft)	Carry Distance (Yards)
	Backspin +/- 500rpm	
	Descent +/- 5°	Total Distance (Yards)

Optimal shots can be up to double the range (+/-50ft,+/-1000rpm,+/-10°descent) depending on the launch monitor and for maximizing distance in extreme conditions

Optimal Carry Distance +/- 20 yards depending on altitude, temperature, wind, etc. *Optimal Total Distance +/-20 yards depending on firmness of ground conditions*

Men's Long Drive				
Launch Angle (Degrees°) ↴	200	210	220	230
20°+	170 383>403 1100 45° 403>433	180 404>424 1050 46° 424>454	190 424>444 1000 47° 444>474	200 443>463 950 48° 463>493
19°	166 380>400 1200 44° 400>430	176 401>421 1150 45° 421>451	186 421>441 1100 46° 441>471	196 440>460 1050 47° 460>490
18°	162 377>397 1300 43° 397>427	172 398>418 1250 44° 418>448	182 418>438 1200 45° 438>468	192 437>457 1150 46° 457>487
17°	158 374>394 1400 42° 394>424	168 395>415 1350 43° 415>445	178 415>435 1300 44° 435>465	188 434>454 1250 45° 454>484
16°	154 370>390 1500 41° 390>420	164 394>412 1450 42° 412>442	174 412>432 1400 43° 432>462	184 430>450 1350 44° 450>480
15°	150 366>386 1600 40° 386>416	160 388>408 1550 41° 408>438	170 408>428 1500 42° 428>458	180 426>446 1450 43° 446>476
14°	145 362>382 1700 39° 382>412	155 384>404 1650 40° 404>434	165 404>424 1600 41° 424>454	175 422>442 1550 42° 442>472
13°	140 358>378 1800 38° 378>408	150 380>400 1750 39° 400>430	160 400>420 1700 40° 420>450	170 418>438 1650 41° 438>468
12°	135 354>374 1900 37° 374>404	145 376>396 1850 38° 396>426	155 396>416 1800 39° 416>446	165 414>434 1750 40° 434>464
11°	130 350>370 2000 36° 370>400	140 372>392 1950 37° 392>422	150 392>412 1900 38° 412>442	160 410>430 1850 39° 430>460
10°	124 346>366 2100 35° 366>296	134 368>388 2050 36° 388>418	144 388>408 2000 37° 408>438	154 406>426 1950 38° 426>456
9°	118 342>362 2200 34° 362>392	128 364>384 2150 35° 384>414	138 384>404 2100 36° 404>434	148 402>422 2050 37° 422>452
8°	112 338>358 2300 33° 358>388	122 360>380 2250 34° 380>410	132 380>400 2200 35° 400>430	142 398>418 2150 36° 418>448
7°	104 334>354 2400 32° 354>384	114 356>376 2350 33° 376>406	124 376>396 2300 34° 396>426	134 394>414 2250 35° 414>444
6°	96 330>350 2500 31° 350>380	106> 352>372 2450 32° 372>402	116 372>392 2400 33° 392>422	126 390>410 2350 34° 410>440
5°	88 326>346 2600 29° 346>376	98 348>368 2550 30° 368>398	108 368>388 2500 31° 388>418	118 386>406 2450 32° 406>436
4°	80 320>340 2700 26° 343>373	90 342>362 2650 27° 364>394	100 362>382 2600 28° 382>412	110 380>400 2550 29° 400>430
3°	72 314>334 2800 23° 340>370	82 336>356 2750 24° 360>390	92 356>376 2700 25° 376>406	102 374>394 2650 26° 394>424
2°	64 306>326 2900 20° 338>368	74 328>348 2850 21° 356>386	84 348>368 2800 22° 373>403	94 366>386 2750 23° 386>416
1°	56 298>318 3000 17° 336>366	66 318>338 2950 18° 352>382	74 338>358 2900 19° 370>400	84 358>378 2850 20° 382>412
0.1°	46 288>308 3100 14° 334>364	56 308>328 3050 15° 349>379	64 328>348 3000 16° 367>397	74 348>368 2950 17° 378>408