

Récords del Mundo y Mejores Marcas mundiales logradas en España

Aire Libre

HOMBRES

| | | | | | | |
|-----------------|------------|---|-----|------------------------|------------|-------|
| 300m | 31.48 | Danny Everett | CUB | Jerez de la Frontera | 03.09.1990 | |
| | 31.48 | Roberto Hernández | CUB | Jerez de la Frontera | 03.09.1990 | |
| 400m | 43.18 | Michael Johnson | USA | Sevilla | 26.08.1999 | |
| 400m vallas | 46.78 * | Kevin Young | USA | Barcelona | 06.08.1992 | |
| 20 Millas pista | 1:45:28 | Eino Oksanen | FIN | Barcelona | 26.11.1955 | R.EUR |
| Altura | 2.43 | Javier Sotomayor | CUB | Salamanca | 08.09.1988 | |
| | 2.45 * | Javier Sotomayor | CUB | Salamanca | 27.07.1993 | |
| Triple | 17.98 | Jonathan Edwards | GBR | Salamanca | 18.07.1995 | R.EUR |
| 4x100m | 37.40 | Estados Unidos | USA | Barcelona | 08.08.1992 | |
| | | (Michael Marsh, Leroy Burrell, Dennis Mitchell, Carl Lewis) | | | | |
| 4x400m | 2:55.74 | Estados Unidos | USA | Barcelona | 08.08.1992 | |
| | | (Andres Valmon, Quincy Wats, Michael Johnson, Steven Lewis) | | | | |
| 10.000m marcha | 37:53.09 * | Francisco Javier Fernández | ESP | Santa Cruz de Tenerife | 27.07.2008 | R.EUR |
| 1 hora marcha | 14.430m | Daniel Bautista | MEX | Madrid | 28.05.1978 | |
| 2 horas marcha | 28.165m | José Marín | ESP | Barcelona | 08.04.1979 | R.EUR |
| 20km marcha | 1:22.16 | Daniel Bautista | MEX | Valencia | 19.05.1979 | |
| 30.000m marcha | 2:07:59.8 | José Marín | ESP | Barcelona | 08.04.1979 | R.EUR |
| 50km marcha | 3:40:46 | José Marín | ESP | Valencia | 13.03.1983 | R.EUR |

MUJERES

| | | | | | | |
|--------------------------|-----------|-------------------------|-----|-------------|------------|-------|
| 600m | 1:22.63 | Ana Fidelia Quirot | CUB | Guadalajara | 25.07.1997 | |
| 15km ruta | 46:14 | Florence Jebet Kiplagat | KEN | Barcelona | 16.02.2014 | |
| | 46:14 | Florence Jebet Kiplagat | KEN | Barcelona | 15.02.2015 | |
| 20km ruta | 1:01:56 | Florence Jebet Kiplagat | KEN | Barcelona | 16.02.2014 | |
| | 1:01:54 | Florence Jebet Kiplagat | KEN | Barcelona | 15.02.2015 | |
| Medio Maratón | 1:05:12 | Florence Jebet Kiplagat | KEN | Barcelona | 16.02.2014 | |
| | 1:05:09 | Florence Jebet Kiplagat | KEN | Barcelona | 15.02.2015 | |
| | 1:04:51 * | Joyciline Jepkosgei | KEN | Valencia | 22.10.2017 | |
| M.Maratón (sólo mujeres) | 1:06:11 | Netsanet Gudeta Kebede | ETH | Valencia | 24.03.2018 | |
| Pértiga | 4.60 | Stacy Dragila | USA | Sevilla | 21.08.1999 | |
| | 4.95 | Yelena Isinbayeva | RUS | Madrid | 16.07.2005 | R.EUR |
| Martillo | 17.03 | Lucinda Moles | ESP | Madrid | 29.06.1931 | R.EUR |
| | 18.58 | Aurora Villa | ESP | Madrid | 18.10.1931 | R.EUR |
| | 22.85 | Margarita Moles | ESP | Madrid | 19.06.1932 | R.EUR |
| 5km marcha | 21:25 | Maria Reyes Sobrino | ESP | La Coruña | 16.05.1987 | R.EUR |
| 20km marcha | 1:24:38 * | Hong Liu | CHN | La Coruña | 06.06.2015 | |

* *Récords en vigor*

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HOMBRES

| | | | | | |
|-------------|---------|---|-----|----------------------|------------|
| 4x400m | 37.73 * | Gran Bretaña (Jason Gardener, Darren Campbell, Marlon Devonish, Milton Chambers) | GBR | Sevilla | 29.08.1999 |
| 50km marcha | 3:50:03 | Jorge Llopart | ESP | Reus | 25.03.1979 |
| | 3:44:33 | Jorge Llopart | ESP | Reus | 29.08.1979 |
| | 3:43.35 | José Marín | ESP | El Prat de Llobregat | 09.03.1980 |

MUJERES

| | | | | | |
|---------|------|---------------------|-----|---------|------------|
| Pértiga | 4.55 | Anzhela Balakhonova | UKR | Sevilla | 21.08.1999 |
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* *Récords en vigor*