



# ASTEROIDES

## ENERO/FEBRERO 2015

por Josep Julià

### APROXIMACIONES A LA TIERRA

Objeto	Nombre	Fecha	Dist. UA	Arco Órbita
	2010 AN61	2015 Jan. 8.60	0.07318	1-opposition, arc = 35 days
	2013 AF53	2015 Jan. 8.99	0.117303	1-opposition, arc = 3 days
	2014 YZ8	2015 Jan. 9.30	0.076908	1-opposition, arc = 10 days
	2014 XM7	2015 Jan. 11.74	0.084987	1-opposition, arc = 18 days
	2014 YT34	2015 Jan. 12.00	0.036572	1-opposition, arc = 4 days
	2007 EJ	2015 Jan. 12.33	0.177165	3 oppositions, 2007-2014
	2013 TK4	2015 Jan. 13.19	0.134844	2 oppositions, 2013-2014
	2008 YF30	2015 Jan. 13.19	0.07151	1-opposition, arc = 2 days
	2013 BY2	2015 Jan. 14.13	0.026917	1-opposition, arc = 1 days
	2014 YR15	2015 Jan. 15.36	0.056109	1-opposition, arc = 9 days
	2014 UF206	2015 Jan. 15.44	0.137694	1-opposition, arc = 63 days
	2001 XU30	2015 Jan. 15.53	0.128538	4 oppositions, 2001-2015
	2014 OV3	2015 Jan. 15.58	0.138716	2 oppositions, 2014-2014
	2007 CA27	2015 Jan. 16.04	0.154581	3 oppositions, 2007-2015
	2014 YD	2015 Jan. 16.23	0.044082	1-opposition, arc = 25 days
(162004)	1991 VE	2015 Jan. 17.15	0.104325	14 oppositions, 1991-2013
	2014 YJ42	2015 Jan. 17.17	0.183599	1-opposition, arc = 8 days
	2012 BZ61	2015 Jan. 18.51	0.09912	1-opposition, arc = 1 days
	2012 TE79	2015 Jan. 21.46	0.054245	1-opposition, arc = 6 days
	2012 BZ1	2015 Jan. 22.14	0.03944	1-opposition, arc = 1 days
	2014 BT8	2015 Jan. 22.15	0.124166	1-opposition, arc = 6 days
	2014 ST143	2015 Jan. 22.56	0.132769	1-opposition, arc = 3 days
	2011 EU29	2015 Jan. 22.61	0.109799	3 oppositions, 2011-2014
	2012 XL16	2015 Jan. 22.80	0.175938	1-opposition, arc = 11 days
	2007 AG	2015 Jan. 24.39	0.167247	5 oppositions, 2007-2014
	2014 QJ362	2015 Jan. 24.43	0.083806	1-opposition, arc = 11 days
	2013 PY38	2015 Jan. 24.80	0.130046	1-opposition, arc = 28 days
	2010 JE87	2015 Jan. 25.16	0.08039	1-opposition, arc = 5 days
	2014 YC9	2015 Jan. 26.25	0.108757	1-opposition, arc = 6 days
(357439)	2004 BL86	2015 Jan. 26.68	0.008018	6 oppositions, 2004-2013
	2014 YS14	2015 Jan. 29.40	0.147039	1-opposition, arc = 6 days
	2014 SQ143	2015 Jan. 29.85	0.111893	1-opposition, arc = 83 days
	2014 UW34	2015 Jan. 31.92	0.154836	1-opposition, arc = 10 days
	2008 CQ	2015 Feb. 1.06	0.02343	1-opposition, arc = 5 days
	1998 GL10	2015 Feb. 1.12	0.155385	2 oppositions, 1998-2015
	2014 YS43	2015 Feb. 1.15	0.171582	1-opposition, arc = 5 days
	2013 BZ45	2015 Feb. 3.85	0.064644	3 oppositions, 2013-2014
	2013 WR45	2015 Feb. 3.93	0.168387	1-opposition, arc = 25 days
	2009 SP104	2015 Feb. 4.32	0.08924	1-opposition, arc = 1 days
	2009 DT10	2015 Feb. 7.18	0.05482	2 oppositions, 2009-2012
	2012 VA26	2015 Feb. 8.29	0.177783	1-opposition, arc = 5 days
	2013 BS45	2015 Feb. 9.47	0.089410	2 oppositions, 2013-2014
	2002 EX11	2015 Feb. 11.77	0.168615	3 oppositions, 2002-2014
	2011 WK15	2015 Feb. 12.06	0.115068	2 oppositions, 2011-2015
	2013 BK18	2015 Feb. 12.36	0.081297	3 oppositions, 2013-2014
	2014 YM9	2015 Feb. 12.98	0.103771	1-opposition, arc = 15 days
	2014 DH	2015 Feb. 16.42	0.139374	1-opposition, arc = 14 days
	2004 DH2	2015 Feb. 17.55	0.169494	4 oppositions, 2004-2014
	2000 AC6	2015 Feb. 17.96	0.06430	4 oppositions, 2000-2011
	2013 JH22	2015 Feb. 18.41	0.192748	1-opposition, arc = 3 days
	2002 RQ25	2015 Feb. 20.39	0.051372	5 oppositions, 2002-2014
	2014 QB433	2015 Feb. 21.69	0.161140	1-opposition, arc = 28 days
	2014 EK24	2015 Feb. 23.73	0.040966	1-opposition, arc = 239 days
	2013 RZ53	2015 Feb. 24.36	0.030149	1-opposition, arc = 3 days
	2009 AM15	2015 Feb. 25.51	0.182614	4 oppositions, 2009-2015
(90416)	2003 YK118	2015 Feb. 27.81	0.078234	7 oppositions, 1993-2013
	2013 HT150	2015 Feb. 27.95	0.169664	1-opposition, arc = 3 days
	2014 TA36	2015 Feb. 27.98	0.151971	1-opposition, arc = 66 days
	2014 YS34	2015 Feb. 28.68	0.098061	1-opposition, arc = 8 days

La mayoría de éstos asteroides suelen tener pocas observaciones, lo que se traduce en órbitas con un elevado grado de incertidumbre. Por ello, es recomendable obtener las efemérides actualizadas en:

<http://www.minorplanetcenter.net/iau/MPEph/MPEph.html>

### ASTEROIDES BRILLANTES

Las efemérides de los asteroides más brillantes en:

<http://www.heavens-above.com/Asteroids.aspx>

que corresponde a la fantástica web Heavens-above.



Magnífica foto del cometa C 2014 Q2 obtenida por José F. Hernández (<http://altamiraobs.teobaldopower.org/>  
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de mañana hoy**

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