

Coordonnées station: **Lat 48.0350, Lon -1.7601**

Magnitude: **ML 3.9**

Region: **SPAIN**

Date heure **2013-10-02 23:06:50.00 UTC**
épicentre:

Localisation: **Lat 40.3400, Lon 0.7900**

Profondeur: **10.0 km**

Distance: **~ 878.9 km (7.90 deg)**

Azimut: **165.69 deg**

Incidence: **14.31 deg**



Modèle: **iasp91**

Type	Durée t	Date Heure UTC	Take off
Onde	sssss.ms	YYYY-MM-JJ HH:mm:ss.ms	(deg)
Pn	115.008	2013-10-02 23:08:45.00	45.79
pPn	117.414	2013-10-02 23:08:47.41	134.20
sPn	118.919	2013-10-02 23:08:48.91	155.46
PnPn	122.592	2013-10-02 23:08:52.59	45.91
Pb	137.117	2013-10-02 23:09:07.11	62.75
pPb	138.700	2013-10-02 23:09:08.70	117.22
PbPb	140.321	2013-10-02 23:09:10.32	62.94
sPb	140.461	2013-10-02 23:09:10.46	149.00
sPg	153.917	2013-10-02 23:09:23.91	144.63
Sn	205.659	2013-10-02 23:10:15.65	48.19
sSn	209.630	2013-10-02 23:10:19.62	131.79
SnSn	218.133	2013-10-02 23:10:28.13	48.42
Sb	237.589	2013-10-02 23:10:47.58	63.22
sSb	240.278	2013-10-02 23:10:50.27	116.76
SbSb	243.031	2013-10-02 23:10:53.03	63.41
PcP	512.554	2013-10-02 23:15:22.55	2.26

Modèle: **ak135**

Type	Durée t	Date Heure UTC	Take off
Onde	sssss.ms	YYYY-MM-JJ HH:mm:ss.ms	(deg)
Pn	115.008	2013-10-02 23:08:45.00	45.79
pPn	117.414	2013-10-02 23:08:47.41	134.20
sPn	118.824	2013-10-02 23:08:48.82	154.68
PnPn	122.592	2013-10-02 23:08:52.59	45.91
Pb	137.117	2013-10-02 23:09:07.11	62.75
pPb	138.700	2013-10-02 23:09:08.70	117.22
PbPb	140.321	2013-10-02 23:09:10.32	62.94
sPb	140.360	2013-10-02 23:09:10.35	147.97
sPg	153.811	2013-10-02 23:09:23.81	143.41
Sn	204.535	2013-10-02 23:10:14.53	50.05
sSn	208.250	2013-10-02 23:10:18.25	129.93
SnSn	216.087	2013-10-02 23:10:26.08	50.24
Sb	231.359	2013-10-02 23:10:41.35	63.56
sSb	233.940	2013-10-02 23:10:43.93	116.41
SbSb	236.582	2013-10-02 23:10:46.58	63.76
PcP	512.957	2013-10-02 23:15:22.95	2.26

ScP	724.334	2013-10-02	23:18:54.33	1.69	ScP	724.722	2013-10-02	23:18:54.72	1.74
PcS	725.587	2013-10-02	23:18:55.58	2.93	PcS	725.889	2013-10-02	23:18:55.88	2.92
ScS	938.126	2013-10-02	23:22:28.12	2.41	ScS	938.412	2013-10-02	23:22:28.41	2.48
PKiKP	993.580	2013-10-02	23:23:23.58	0.53	PKiKP	993.798	2013-10-02	23:23:23.79	0.53
pPKiKP	997.029	2013-10-02	23:23:27.02	179.47	pPKiKP	997.247	2013-10-02	23:23:27.24	179.47
sPKiKP	998.281	2013-10-02	23:23:28.28	179.69	sPKiKP	998.413	2013-10-02	23:23:28.41	179.68
SKiKP	1204.515	2013-10-02	23:26:54.51	0.32	SKiKP	1204.719	2013-10-02	23:26:54.71	0.33
PKKPdf	1910.530	2013-10-02	23:38:40.52	0.54	PKKPdf	1910.947	2013-10-02	23:38:40.94	0.53
SKKPdf	2121.462	2013-10-02	23:42:11.46	0.30	SKKPdf	2121.863	2013-10-02	23:42:11.86	0.30
PKKSdf	2122.714	2013-10-02	23:42:12.71	0.51	PKKSdf	2123.029	2013-10-02	23:42:13.02	0.50
SKKSdf	2333.642	2013-10-02	23:45:43.64	0.28	SKKSdf	2333.942	2013-10-02	23:45:43.94	0.28
P'P'df	2421.591	2013-10-02	23:47:11.59	0.71	P'P'df	2422.427	2013-10-02	23:47:12.42	0.68
P'P'ab	2620.523	2013-10-02	23:50:30.52	13.41	P'P'ab	2621.349	2013-10-02	23:50:31.34	13.43
S'S'df	3269.135	2013-10-03	00:01:19.13	0.32	S'S'df	3269.646	2013-10-03	00:01:19.64	0.32

Love 242.113 2013-10-02 23:10:52.11
Rayleigh 292.957 2013-10-02 23:11:42.95



Coordonnées station: **Lat 48.0350, Lon -1.7601**

Magnitude: **ML 3.8**

Region: **SPAIN**

Date heure: **2013-10-02 23:29:29.00 UTC**
épicentre:

Localisation: **Lat 40.3400, Lon 0.7800**

Profondeur: **10.0 km**

Distance: **~ 878.7 km (7.90 deg)**

Azimut: **165.74 deg**

Incidence: **14.26 deg**



Modèle: **iasp91**

Type	Durée t	Date Heure UTC	Take off
Onde	sssss.ms	YYYY-MM-JJ HH:mm:ss.ms	(deg)
Pn	114.985	2013-10-02 23:31:23.98	45.79
pPn	117.392	2013-10-02 23:31:26.39	134.20
sPn	118.896	2013-10-02 23:31:27.89	155.46
PnPn	122.569	2013-10-02 23:31:31.56	45.91
Pb	137.089	2013-10-02 23:31:46.08	62.76
pPb	138.672	2013-10-02 23:31:47.67	117.22
PbPb	140.293	2013-10-02 23:31:49.29	62.94
sPb	140.433	2013-10-02 23:31:49.43	149.00
sPg	153.885	2013-10-02 23:32:02.88	144.63
Sn	205.618	2013-10-02 23:32:54.61	48.19
sSn	209.589	2013-10-02 23:32:58.58	131.79
SnSn	218.092	2013-10-02 23:33:07.09	48.42
Sb	237.540	2013-10-02 23:33:26.54	63.22
sSb	240.229	2013-10-02 23:33:29.22	116.76
SbSb	242.983	2013-10-02 23:33:31.98	63.41
PcP	512.553	2013-10-02 23:38:01.55	2.26

Modèle: **ak135**

Type	Durée t	Date Heure UTC	Take off
Onde	sssss.ms	YYYY-MM-JJ HH:mm:ss.ms	(deg)
Pn	114.985	2013-10-02 23:31:23.98	45.79
pPn	117.392	2013-10-02 23:31:26.39	134.20
sPn	118.802	2013-10-02 23:31:27.80	154.68
PnPn	122.569	2013-10-02 23:31:31.56	45.91
Pb	137.089	2013-10-02 23:31:46.08	62.76
pPb	138.672	2013-10-02 23:31:47.67	117.22
PbPb	140.293	2013-10-02 23:31:49.29	62.94
sPb	140.332	2013-10-02 23:31:49.33	147.97
sPg	153.779	2013-10-02 23:32:02.77	143.41
Sn	204.495	2013-10-02 23:32:53.49	50.05
sSn	208.210	2013-10-02 23:32:57.20	129.93
SnSn	216.046	2013-10-02 23:33:05.04	50.24
Sb	231.312	2013-10-02 23:33:20.31	63.56
sSb	233.892	2013-10-02 23:33:22.89	116.41
SbSb	236.534	2013-10-02 23:33:25.53	63.76
PcP	512.956	2013-10-02 23:38:01.95	2.26

ScP	724.332	2013-10-02	23:41:33.33	1.69	ScP	724.720	2013-10-02	23:41:33.72	1.74
PcS	725.585	2013-10-02	23:41:34.58	2.92	PcS	725.887	2013-10-02	23:41:34.88	2.92
ScS	938.123	2013-10-02	23:45:07.12	2.41	ScS	938.410	2013-10-02	23:45:07.41	2.48
PKiKP	993.580	2013-10-02	23:46:02.58	0.53	PKiKP	993.798	2013-10-02	23:46:02.79	0.53
pPKiKP	997.028	2013-10-02	23:46:06.02	179.47	pPKiKP	997.246	2013-10-02	23:46:06.24	179.47
sPKiKP	998.280	2013-10-02	23:46:07.28	179.69	sPKiKP	998.412	2013-10-02	23:46:07.41	179.68
SKiKP	1204.515	2013-10-02	23:49:33.51	0.32	SKiKP	1204.719	2013-10-02	23:49:33.71	0.33
PKKPdf	1910.530	2013-10-03	00:01:19.53	0.54	PKKPdf	1910.947	2013-10-03	00:01:19.94	0.53
SKKPdf	2121.462	2013-10-03	00:04:50.46	0.30	SKKPdf	2121.864	2013-10-03	00:04:50.86	0.30
PKKSdf	2122.714	2013-10-03	00:04:51.71	0.51	PKKSdf	2123.030	2013-10-03	00:04:52.02	0.50
SKKSdf	2333.643	2013-10-03	00:08:22.64	0.28	SKKSdf	2333.943	2013-10-03	00:08:22.94	0.28
P'P'df	2421.591	2013-10-03	00:09:50.59	0.70	P'P'df	2422.428	2013-10-03	00:09:51.42	0.68
P'P'ab	2620.530	2013-10-03	00:13:09.53	13.41	P'P'ab	2621.356	2013-10-03	00:13:10.35	13.43
S'S'df	3269.135	2013-10-03	00:23:58.13	0.32	S'S'df	3269.647	2013-10-03	00:23:58.64	0.32

Love 242.063 2013-10-02 23:33:31.06
Rayleigh 292.896 2013-10-02 23:34:21.89



