

# Efémerides

## El cielo en el mes de Diciembre / 2011

Meridianos planetarios centrales (00:00 UT)

| Fecha | Marte  | Júpiter   |            |             | Saturno |
|-------|--------|-----------|------------|-------------|---------|
|       |        | Sistema I | Sistema II | Sistema III |         |
| 01    | 24,85  | 52,087    | 306,572    | 265,711     | 94,8    |
| 02    | 15,29  | 210,002   | 96,857     | 56,262      | 219,1   |
| 03    | 5,73   | 7,914     | 247,139    | 206,810     | 343,3   |
| 04    | 356,19 | 165,824   | 37,419     | 357,356     | 107,6   |
| 05    | 346,64 | 323,732   | 187,697    | 147,900     | 231,8   |
| 06    | 337,10 | 121,636   | 337,971    | 298,440     | 356,1   |
| 07    | 327,57 | 279,539   | 128,244    | 88,979      | 120,4   |
| 08    | 318,04 | 77,439    | 278,514    | 239,515     | 244,7   |
| 09    | 308,51 | 235,336   | 68,781     | 30,048      | 8,9     |
| 10    | 298,99 | 33,230    | 219,045    | 180,578     | 133,2   |
| 11    | 289,48 | 191,122   | 9,307      | 331,106     | 257,5   |
| 12    | 279,97 | 349,012   | 159,567    | 121,632     | 21,8    |
| 13    | 270,47 | 146,898   | 309,823    | 272,154     | 146,0   |
| 14    | 260,98 | 304,782   | 100,077    | 62,674      | 270,3   |
| 15    | 251,49 | 102,663   | 250,328    | 213,191     | 34,6    |
| 16    | 242,01 | 260,542   | 40,577     | 3,706       | 158,9   |
| 17    | 232,53 | 58,417    | 190,822    | 154,217     | 283,2   |
| 18    | 223,06 | 216,290   | 341,065    | 304,726     | 47,5    |
| 19    | 213,60 | 14,160    | 131,305    | 95,232      | 171,8   |
| 20    | 204,14 | 172,028   | 281,543    | 245,736     | 296,0   |
| 21    | 194,70 | 329,892   | 71,777     | 36,236      | 60,3    |
| 22    | 185,26 | 127,754   | 222,009    | 186,734     | 184,6   |
| 23    | 175,82 | 285,613   | 12,238     | 337,229     | 308,9   |
| 24    | 166,40 | 83,469    | 162,464    | 127,721     | 73,2    |
| 25    | 156,98 | 241,322   | 312,687    | 278,210     | 197,5   |
| 26    | 147,57 | 39,172    | 102,907    | 68,696      | 321,8   |
| 27    | 138,16 | 197,020   | 253,125    | 219,180     | 86,1    |
| 28    | 128,77 | 354,864   | 43,339     | 9,660       | 210,5   |
| 29    | 119,39 | 152,706   | 193,551    | 160,138     | 334,8   |
| 30    | 110,01 | 310,545   | 343,760    | 310,613     | 99,1    |
| 31    | 100,64 | 108,381   | 133,966    | 101,185     | 223,4   |



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