



# MYSTERY CLASS

# SAMPLE



## Equinox Sunrise Table in Universal Time 2009

The sunrise times below are a clue to the approximate longitude of each site.

Print this page and use with the Map and Longitude Clues Worksheet.

Mystery Class	Sunrise in Universal Time and Date
# 1	05:25 (3/20)
# 2	05:37 (3/20)
# 3	22:02 (3/19)
# 4	03:53 (3/20)
# 5	16:06 (3/20)
# 6	21:06 (3/19)
# 7	08:34 (3/20)
# 8	23:05 (3/19)
# 9	20:48 (3/19)
#10	12:09 (3/20)

**Important:** The table above shows the time the sun rises at each Mystery Class on March 20, 2009, the spring equinox. The time shown is NOT the time of sunrise using the Mystery Class's local time. Rather, it gives you the time that it is at Greenwich, England when the sunrise takes place at the specific Mystery Class. This is known as Universal Time (UT).

"Why are dates included next to the times?"

If the Mystery Class's sunrise time in Universal Time is earlier than the 3/20 sunrise in Greenwich (06:03 AM), then that Mystery Class will be located in the Eastern Hemisphere, east of Greenwich. A sunrise time in Universal Time that occurs on the date 3/19 is considered earlier than the 3/20 sunrise in Greenwich. If the Mystery Class's sunrise time in Universal Time is later than the 3/20 sunrise in Greenwich, then that Mystery Class will be located in the Western Hemisphere, west of Greenwich.