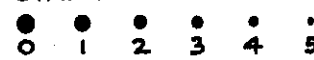


DATE SCALE for 0^h Local Mean Time (MIDNIGHT)

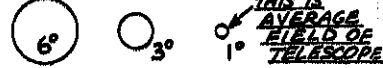
STAR MAGNITUDES



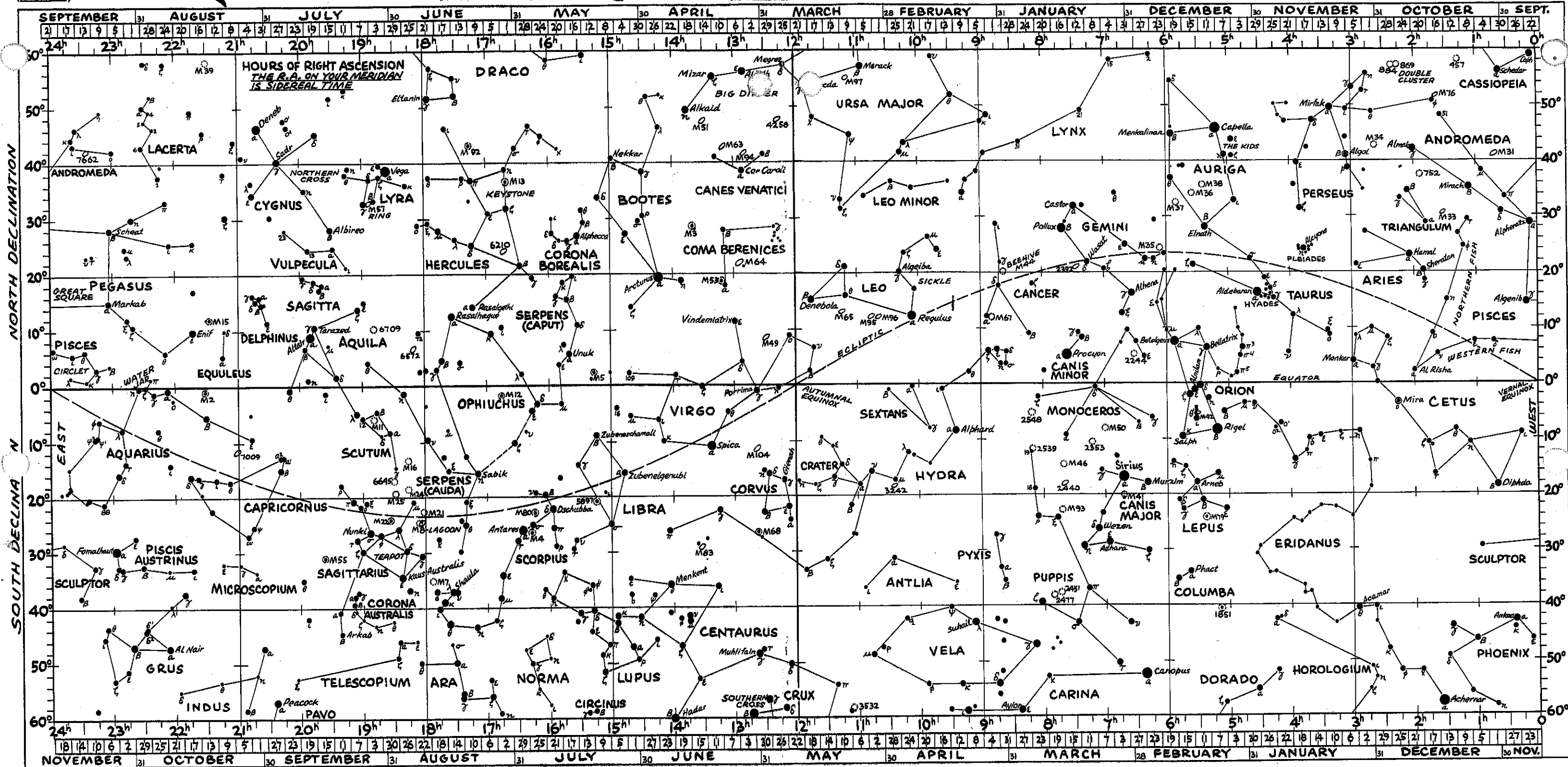
SYMBOLS



TELESCOPE FIELDS



EQUATORIAL STAR CHART with DATE SCALES for 0^h and 8:00 p.m. LOCAL MEAN TIME



DATE SCALE for 8:00 L.M.T. (EVENING)

FACE SOUTH. LOCATE CURRENT DATE ON DATE SCALE. USE BOTTOM SCALE IF TIME IS 8:00 p.m. USE TOP SCALE IF TIME IS MIDNIGHT. A VERTICAL LINE THRU DATE WILL BE YOUR MERIDIAN AT THE MOMENT

Example - TIME: JULY 3rd at 0^h (midnight). ANY LOCATION
 FACE SOUTH. USE TOP SCALE. LOCATE DATE, JULY 3, ON SCALE. A VERTICAL LINE THRU DATE SHOWS BRIGHT VEGA NEARLY ON YOUR MERIDIAN. THE TEAPOT (SAGITTARIUS) IS DUE SOUTH. RED ANTARES IS ABOUT 2 HOURS WEST.
 SIDEREAL TIME IS 18^h 44^m APPROX. (from scale)
 (COMPARE WITH 18^h 43^m (TABLE 2))

AT OTHER TIMES:
 LOCATE YOUR MERIDIAN FOR 8:00 O'CLOCK OR 12:00 O'CLOCK IN THE MANNER DESCRIBED ON OPPOSITE PAGE.
 NOTE SIDEREAL TIME ON SCALE.
 SHIFT YOUR MERIDIAN EAST THE SAME INTERVAL YOU ARE PAST 8:00 OR MIDNIGHT

Example - TIME: JULY 3rd at 9:15 p.m. L.M.T.
 USE BOTTOM SCALE. OPPOSITE JULY 3 DATE LINE, READ 14^h 45^m SIDEREAL TIME (AT 8:00 L.M.T.)
 YOU ARE 1^h 15^m PAST 8:00, SO SHIFT YOUR MERIDIAN THIS SAME TIME INTERVAL TO THE EAST. IT WILL LOCATE YOUR MERIDIAN AT 16^h 00^m. SIDEREAL TIME IS 16^h -- ANY STAR NEAR R.A. 16^h WILL BE ON YOUR MERIDIAN