Answers to Take-home #5

**July 21:**
RA = 8h, Dec = +20° (from in-class discussion)

From diagram at right:
Sun rising azimuth: ENE
Sun noon altitude: 70°
Sun setting azimuth: WNW
Daylight hours = 14h30m
Sunrise time = 4:45 am
Sunset time = 7:15 pm
Sun’s Constellation = Cancer (this answer not graded; for info only)

**February 21:**
RA = 22h, Dec = -12° (from in-class discussion)

From diagram at right:
Sun rising azimuth: ESE
Sun noon altitude: 38°
Sun setting azimuth: WSW
Daylight hours = 10h30m
Sunrise time = 6:45 am
Sunset time = 5:15 pm
Sun’s Constellation = Aquarius (this answer not graded; for info only)