KVAS NITE SKY July 16 - August 2010

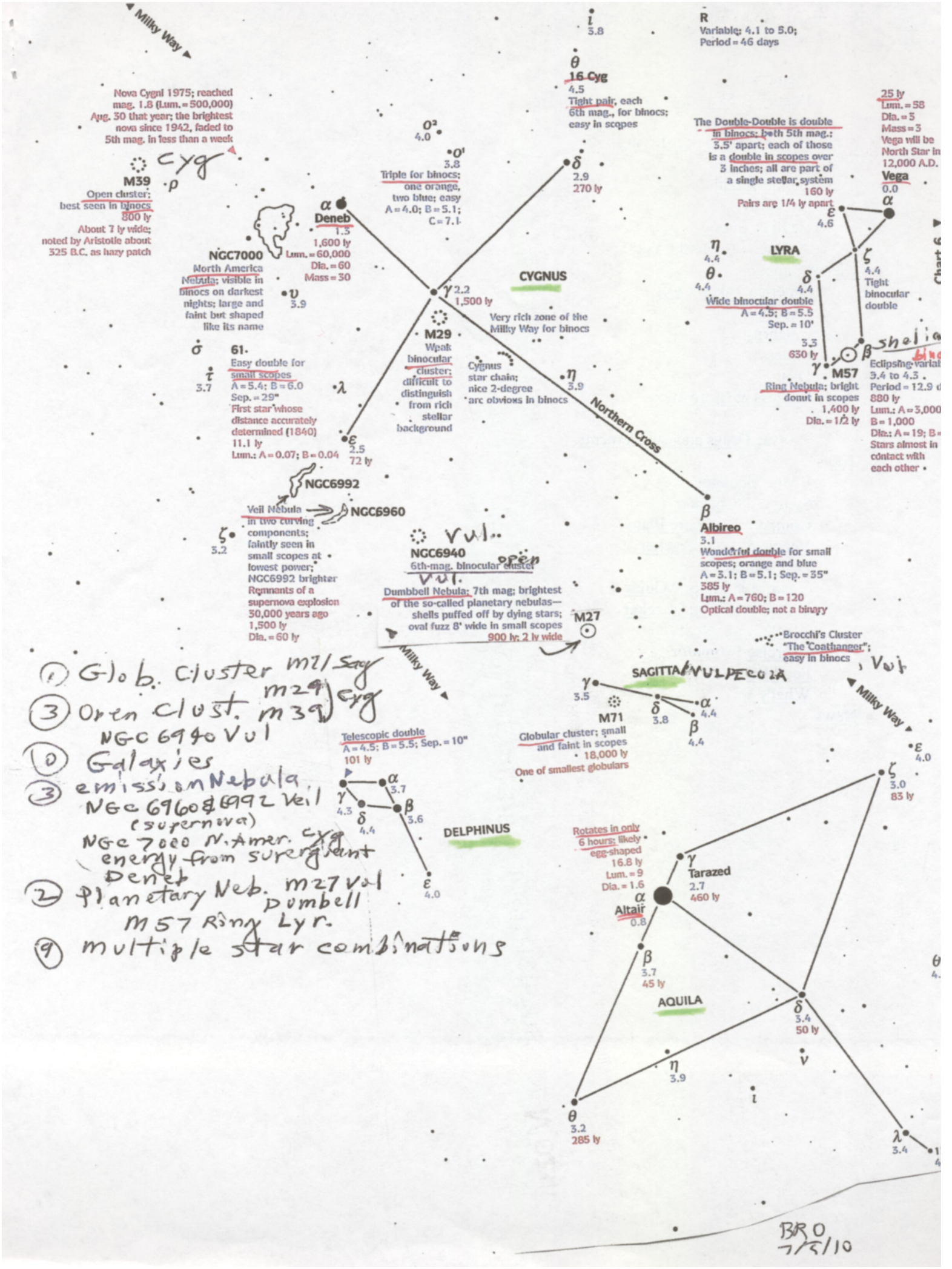
MOON PHASES, EDT: 7/18 1st Q 6:11AM, 7/25 Full 9:37PM,
8/3 L. Q 12:59AM, 8/9 New 11:08PM, 8/16 1st Q 2:17PM, 8/24 Full 1:05PM

7/11 Solar Eclipse in South Pacific
8/1 Dusk, Mars 2° below Saturn in West with bright Venus 8° to right & slightly below.
8/8-9 Venus passes 3° below Saturn with Venus & Mars trio in 5° binoc viewing field, between & bdow constellations Virgo & Leo.
8/11 After sunset Mercury is barely visible in West bot it's 2° above thin waxing moon.
8/11-12 Night, Perseid Shower peaks but random meteors can be seen all month as well as the weaker meteor showers Delta Aquarids & Kappa Cygnids
8/26 11PM Moon is about 9° above Jupiter/Uranus (with 2° separation) in SW Pisces.
Also an excellent time to enjoy Jupiter, our largest planet & brightest planet next to the moon and Venus (rarely Mars).
In August Neptune rises around sunset between Capricorn & Aquarius & Pluto continues to be near Asterism M24 between Sag. & Oph.
8/31 Don't miss the Pleiades open cluster's return after Midnight about 7° left of waxing Moon.

CONSTELLATIONS OF THE MONTH

Cygnus (SIG-nus) The Swan - ancient mythology
Lyra (LYE-rah) The Lyre - ancient mythology
Sagitta (sa-JIT-ah) - The Arrow - ancient legend
Volpecula (vul-PECK-you-lah) The Fox - invented by Johannes Hevelius around 1660.
Aquila (uh-KWL-lah) The Eagle - ancient mythology

B. R. Eagle
7/5/10



(1) Glob. cluster M71/Sag
(3) Open clust. M29 Cyg
M39
NGC 6940 Vul
(0) Galaxies
(3) emission Nebula
NGC 6960 & 6992 Veil (supernova)
NGC 7000 N. Amer. Cyg
energy from supergiant Deneb
(2) planetary Neb. M27 Vul Dumbell
M57 Ring Lyr.
(9) multiple star combinations

BRO 7/5/10