

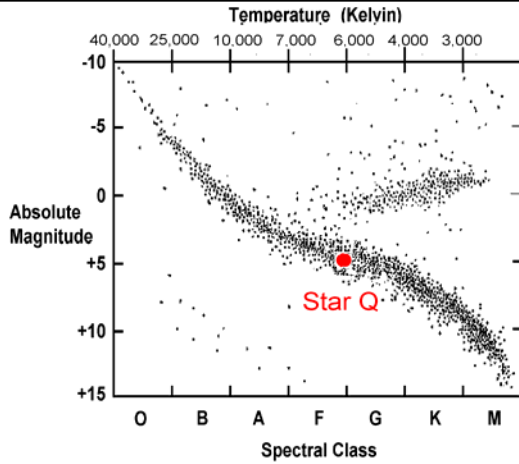
Image Set D

| OBJECT | ORBITAL SEMIMAJOR AXIS (A.U.) | ORBITAL PERIOD (Earth years) | MASS (Earth masses) | RADIUS (Earth radii) | NUMBER OF KNOWN SATELLITES | ROTATION PERIOD* (days) |
|--------|-------------------------------|------------------------------|---------------------|----------------------|----------------------------|-------------------------|
| Earth | 1.0 | 1.0 | 1.0 | 1.0 | 1 | 1.0 |
| Mars | 1.52 | 1.9 | 0.11 | 0.53 | 2 | 1.0 |

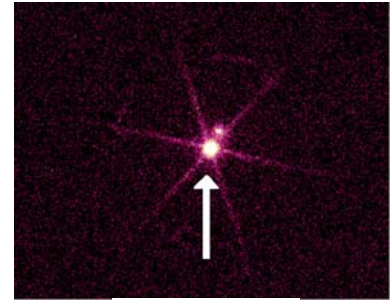
- Figure 1 -



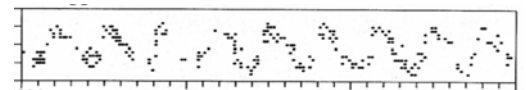
- Figure 7 -



- Figure 2 -



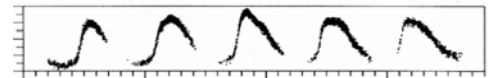
- Figure 8 -



- Figure 9 -

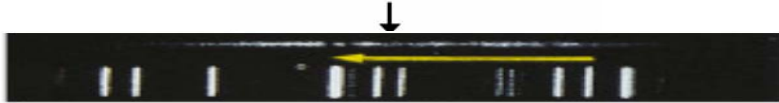
| Galactic Data | | | |
|----------------------|-----------------|-----------|---|
| rot. velocity (km/s) | L (solar-units) | L (Watts) | Energy Flux at 1 pc (W/m ²) |
| 250 | 5.50E+10 | 2.15E+37 | 1788 |
| 205 | 2.50E+10 | 9.75E+36 | 813 |

- Figure 3 -

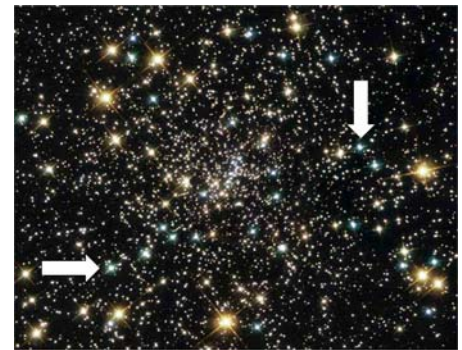


- Figure 10 -

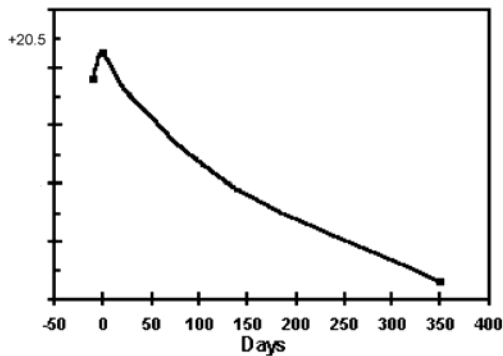
H-alpha = 550 nm



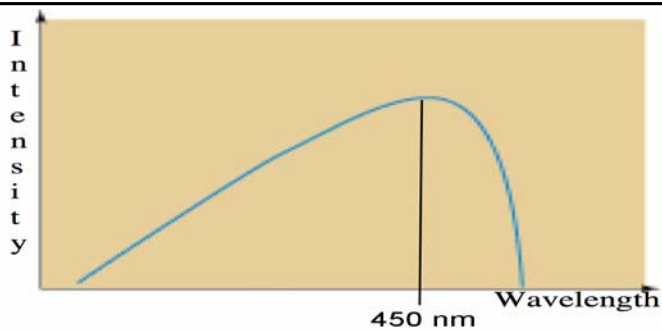
- Figure 4 -



- Figure 11 -



- Figure 5 -



- Figure 6 -