Lyrae	Makes great sndard of	andles										
Star B	_											
Delta	Apaprent Brightness	Time										
468	15.7	0.228										
470	16.4	0.279			Mal	ke graph for st	ar B					
475	15.3	0.381										
477	15.3	0.409										
481	15.6	0.478										
Average Magnitude:	15.66											
star mag	Α	В	С		D		E		F			
m	15.59	15.66		15.58		15.7		15.64	15.68	3	where D = 10)^((m - M +5)/5)
D (parsecs)	8279.421637	8550.667129		8241.38115		8709.6359	84	72.274141	8629.785478	3	M = 1.0	
AVG D =	8480.527572											
MAX D =	8709.6359								_			
DEV D (err D) =	229.1083271			GC Nan			<u>Diameter [arcsec]</u>				ce [pc]	
				M 15		27	278.9			8480.52757	8480.527572 Vie	
				NGC 662		72	72.1			32804.7 Vi		View & Measu
3.26 LYR = 1 parsec				NGC 6	626	96	i.2			24586.5	24586.5 Vi	
rcumfrence = 2*pi*r				NGC 6637		77	77.4			30558.4 \		View & Measu
sun speed: 220km/sec = 0.00021parsec/year				NGC 6638		50	50.5		46836.0		View & Measu	
Mass in solar Masses = 8.8 * 10^15 * A^3 / Period^2		2		NGC 6638						_		
Distance to galactic center(parsecs): 13300.1				NGC 6652			45.0					View & Measu
2 1047d- i				NGC 6	656	90	90.2			26221.9 V		View & Measu
3x 10^7 seconds in a year				NGC 668		50	50.8			46559.4		View & Measu
				NGC 6	NGC 6715		69.7			33934.3		View & Measu
radius = 13300.1 parsecs				NGC 6	723	67	7.6			34988.4 V		View & Measu
circumfrence (parsecs)	83566.92232			NGC 6809		30	300.4			7873.6		View & Measu
period (years)	397937725.3			NGC 0	503	30	J			7075.0		VICTI & MEASU
mass of galaxy (sol masses)	130,742,614,336.98											
time to check out each (sec)	4358.087145											
				Distance to galactic centre [pc]: 13300.1								