

Some Stars within 30 Light Years of the Earth 2022

Name _____ Scope _____

This is a list of all the stars brighter than magnitude 6.5 within 30 light years, so all of these stars can be seen with the naked eye although most of them are quite faint. This list contains every G-type star within 30 light years. The Sun seen from a distance of 30 light years would be a magnitude 4.65 star, (per: https://www.neoprogrammics.com/stellar_magnitude_of_sun/index.php) so it also would be a faint point of light visible with the naked eye.

#	Catalog Name	Visual Mag	Dist ly	Proper Name	Notes
1	Sun	-26.8	8 min	Sol	
2	η Cassiopeiae	3.46	19.42	Achird	
3	τ Ceti	3.49	11.90		
4	107 Piscium	5.24	24.36		
5	μ Cassiopeiae	5.17	24.63		
6	ϵ Eridani	3.72	10.50		
7	δ Eridani	3.52	29.50		
8	κ^1 Ceti	4.84	29.87		
9	Xi Ursae Majoris	3.79	27.2	Alula	
10	HR4550	6.42	29.87	Groombridge	
11	β Canum	4.24	27.30	Chara	
12	61 Virginis	4.74	27.81		

#	Catalog Name	Visual Mag	Dist ly	Proper Name	Notes
13	β Comae	4.23	29.86		
14	ξ Boötis	4.54	21.85		
15	36 Ophiuchi	4.33	19.52		
16	μ Herculis	3.42	27.40		
17	70 Ophiuchi	4.03	16.59		
18	α Lyrae	0.03	25.30	Vega	
19	χ Draconis	3.55	26.28		
20	α Aquilae	0.77	16.77	Altair	
21	σ Draconis	4.67	18.81	Alsafi	
22	61 Cygni	4.79	11.43		
23	α Piscis Austrini	1.15	25.07	Fomalhaut	
	BONUS	BONUS	BONUS	BONUS	
B1	Barnard's Star	9.54	5.94	Ophiuchus	
B2	Lalande 21185	7.49	8.31	Ursa Major	
B3	Kruger 60 A	9.85	13.07	Cephus	