

NGC7501 – NGC7840 *Observer's Checklist*

Observer:

√ ID	RA	DEC	CON	TYPE	MAG	SIZE	NAME	NOTES
√ NGC-7501	23h10m30s	07°35'20"	Psc	GXY	13.8	0.8	NGC7501	eF
√ NGC-7502	23h10m20s	-21°44'13"	Aqr	DST			NGC7502	Cl, pRi, pC, st 9...
√ NGC-7503	23h10m42s	07°34'04"	Psc	GXY	13.8	0.9	NGC7503	vF, S, R, psbM
√ NGC-7504	23h10m41s	14°23'09"	Peg	STR			NGC7504	pF, pS, R, F* np vnr
√ NGC-7505	23h11m01s	13°37'51"	Peg	GXY	15		NGC7505	only a F D*, not nebs
√ NGC-7506	23h11m41s	-02°09'36"	Psc	GXY	14		NGC7506	eF, S, R, sbM, stellar, sp of 2
√ NGC-7507	23h12m08s	-28°32'24"	Scl	GXY	10.4	2.6	NGC7507	eF, S, R, stellar, nf of 2
√ NGC-7508	23h11m49s	12°56'25"	Peg	GXY	15		NGC7508	eF, pS, iF
√ NGC-7509	23h12m21s	14°36'33"	Peg	GXY	15		NGC7509	eF, vS, R, stell N, *8.5 sp 3'
√ NGC-7510	23h11m04s	60°34'15"	Cep	OCL	7.9	4	NGC7510	eF, vS
√ NGC-7511	23h12m26s	13°43'35"	Peg	GXY	15		NGC7511	pF, stellar, 2 st np in line
√ NGC-7512	23h12m21s	31°07'33"	Peg	GXY	14		NGC7512	vF, S, R, stellar
√ NGC-7513	23h13m14s	-28°21'30"	Scl	GXY	11.8	3.2	NGC7513	vF, S, R, am st
√ NGC-7514	23h12m26s	34°52'52"	Peg	GXY	13		NGC7514	eF, vS, E 160deg , *8.5 p 49s , 2 st 9 n 8'
√ NGC-7515	23h12m49s	12°40'46"	Peg	GXY	14		NGC7515	cB, cL, E, vgbM
√ NGC-7516	23h12m52s	20°14'54"	Peg	GXY	14		NGC7516	F, S, IE, 7817 nf
√ NGC-7517	23h13m14s	-02°06'02"	Psc	GXY	15		NGC7517	vF, pL, R, gbM
√ NGC-7518	23h13m13s	06°19'17"	Psc	GXY	14	1.5	NGC7518	pF, cL, mE 45deg +/- , lbM
√ NGC-7519	23h13m11s	10°46'19"	Peg				NGC7519	eeF, pS, v diffic, sf 7816
√ NGC-7520	23h12m53s	-23°28'12"	Aqr	N/A			NGC7520	eF, L
√ NGC-7521	23h13m35s	-01°43'52"	Psc	GXY	15		NGC7521	pF, vS, vsmbM, *14 sp
√ NGC-7522	23h15m36s	-22°53'41"	Aqr	N/A			NGC7522	vF, pS, iF, glbM
√ NGC-7523	23h13m35s	13°59'11"	Peg	GXY	15		NGC7523	! eeF, eeL
√ NGC-7524	23h13m47s	-01°43'51"	Psc	GXY			NGC7524	F, S, R, gbM
√ NGC-7525	23h13m41s	14°01'17"	Peg	GXY	15		NGC7525	pF, S, R, *10 np
√ NGC-7526	23h14m02s	-09°13'17"	Aqr	AST			NGC7526	vF, S, gbM
√ NGC-7527	23h13m42s	24°54'08"	Peg	GXY	14		NGC7527	Cl, vP, vIC
√ NGC-7528	23h14m20s	10°13'53"	Peg	GXY			NGC7528	vF, S, R, *12-13 nf
√ NGC-7529	23h14m03s	08°59'32"	Peg	GXY	14		NGC7529	eF, S, E 130deg , sbMN, *15 sf

NGC7501 – NGC7840 *Observer's Checklist*

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√ ID	RA	DEC	CON	TYPE	MAG	SIZE	NAME	NOTES
√ NGC-7530	23h14m12s	-02°46'46"	Psc	GXY	15		NGC7530	only a *13 at 100deg , 20" from 7828
√ NGC-7531	23h14m48s	-43°35'58"	Gru	GXY	11.3	3.5	NGC7531	eF, neb* 13m
√ NGC-7532	23h14m22s	-02°43'41"	Psc	GXY	15	1.8	NGC7532	eF, vS, mE, vF* vnr
√ NGC-7533	23h14m22s	-02°02'03"	Psc	GXY	15		NGC7533	vF, vS, R, vgpsmbM, 2 st 9 sf; = IC 5386
√ NGC-7534	23h14m27s	-02°41'57"	Psc	GXY	14		NGC7534	Cl, vS, vF, 2'.5, nebs?
√ NGC-7535	23h14m13s	13°34'54"	Peg	GXY	15		NGC7535	eeF, vS
√ NGC-7536	23h14m13s	13°25'33"	Peg	GXY	15		NGC7536	eF, S, R
√ NGC-7537	23h14m35s	04°29'54"	Psc	GXY	13.2	2.3	NGC7537	eF, vS, R, bet 2 st
√ NGC-7538	23h13m38s	61°30'42"	Cep	ENE		10	NGC7538	eF, p of Dneb
√ NGC-7539	23h14m29s	23°41'05"	Peg	GXY	13		NGC7539	eF, f of Dneb
√ NGC-7540	23h14m36s	15°57'01"	Peg	GXY	15		NGC7540	vF, pS, dif, r
√ NGC-7541	23h14m44s	04°32'02"	Psc	GXY	11.7	3.5	NGC7541	eF, S
√ NGC-7542	23h14m42s	10°38'35"	Peg	GXY	15		NGC7542	vF, S, R, mbM, *11 sp
√ NGC-7543	23h14m35s	28°19'38"	Peg	GXY	14		NGC7543	B, cS, E, g, sbM, *8-9 p
√ NGC-7544	23h14m57s	-02°11'58"	Psc	GXY			NGC7544	vF, vS, gbM, *14 nf 1'
√ NGC-7545	23h15m32s	-38°32'07"	Gru	GXY			NGC7545	eF, *12 p, sp of 2
√ NGC-7546	23h15m06s	-02°19'31"	Psc	GXY	14		NGC7546	eF
√ NGC-7547	23h15m04s	18°58'24"	Peg	GXY	15	1.3	NGC7547	vF, pS, *18 close s, nf of 2
√ NGC-7548	23h15m11s	25°16'56"	Peg	GXY	14		NGC7548	eF, S, R, *9-10 p vnr
√ NGC-7549	23h15m17s	19°02'27"	Peg	GXY	14	2.9	NGC7549	Cl, L, P, IC, st 8, 10...15
√ NGC-7550	23h15m16s	18°57'39"	Peg	GXY	14	1.7	NGC7550	pF, S, R, lbM
√ NGC-7551	23h15m22s	15°56'25"	Peg	GXY			NGC7551	pF, vS, stellar
√ NGC-7552	23h16m11s	-42°35'05"	Gru	GXY	10.7	3.5	NGC7552	F, S, R, psbM, stellar
√ NGC-7553	23h15m33s	19°02'53"	Peg	GXY			NGC7553	vF
√ NGC-7554	23h15m41s	-02°22'44"	Psc	GXY			NGC7554	pB, L, E, vgbM
√ NGC-7555	23h15m30s	12°34'00"	Peg	N/A			NGC7555	pB, S, R, psbM, *12 sp, *6 sf
√ NGC-7556	23h15m44s	-02°22'54"	Psc	GXY	14		NGC7556	eF, pL, R
√ NGC-7557	23h15m40s	06°42'29"	Psc	GXY	15		NGC7557	F, pL, IE, gbM, *10 s
√ NGC-7558	23h15m38s	18°55'12"	Peg	GXY	16		NGC7558	vF, S
√ NGC-7559	23h15m47s	13°17'25"	Peg	GXY	14		NGC7559	vF, S, R

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√ NGC-7560	23h15m54s	04°29'44"	Psc	DST			NGC7560	eF, vS, R
√ NGC-7561	23h15m57s	04°31'20"	Psc				NGC7561	F, S, IE, bM, am st
√ NGC-7562	23h15m58s	06°41'15"	Psc	GXY	11.5	2.3	NGC7562	pF, cL, E 12deg +/- , vgbM
√ NGC-7563	23h15m56s	13°11'46"	Peg	GXY	14		NGC7563	pB, pL, R, mbM
√ NGC-7564	23h16m01s	07°20'53"	Psc	GXY			NGC7564	cB, cL, E, gmbM, r
√ NGC-7565	23h16m19s	00°03'30"	Psc	STR			NGC7565	eF, pL, iR
√ NGC-7566	23h16m37s	-02°19'52"	Psc				NGC7566	eeF
√ NGC-7567	23h16m11s	15°51'02"	Peg	GXY	15		NGC7567	eeF, pS, R, v diffic
√ NGC-7568	23h16m25s	24°29'48"	Peg	GXY	14		NGC7568	pB, pL, iR, mbM
√ NGC-7569	23h16m45s	08°54'22"	Peg	N/A			NGC7569	vF, vS, IE, *10 sp
√ NGC-7570	23h16m45s	13°28'59"	Peg	GXY	14		NGC7570	vF, S, iE, F* inv s
√ NGC-7571	23h17m10s	18°58'01"	Peg				NGC7571	pB, pL, E; nonexistent?
√ NGC-7572	23h16m50s	18°28'57"	Peg	GXY	15		NGC7572	F, S
√ NGC-7573	23h16m26s	-22°09'16"	Aqr	GXY	14		NGC7573	vF, pL
√ NGC-7574	23h16m25s	24°29'48"	Peg	N/A			NGC7574	eF, S, R, p of 2
√ NGC-7575	23h17m21s	05°39'39"	Psc	STR			NGC7575	eF, cS, R, f of 2
√ NGC-7576	23h17m23s	-04°43'43"	Aqr	GXY	13	1.5	NGC7576	vF, S, vIE, *13 nf, vnr
√ NGC-7577	23h17m18s	07°22'02"	Psc	GXY			NGC7577	eF, eS, gbM, bet 2 st 12
√ NGC-7578	23h17m13s	18°42'15"	Peg	GXY	14	1.6	NGC7578	vF, S, mbMN
√ NGC-7579	23h17m39s	09°25'59"	Peg	GXY	15		NGC7579	vF, n of 2
√ NGC-7580	23h17m37s	14°00'03"	Peg	GXY	15	0.9	NGC7580	s of 2, vnr
√ NGC-7581	23h14m44s	04°32'02"	Psc	N/A			NGC7581	vF, S, lbM, stellar
√ NGC-7582	23h18m23s	-42°22'14"	Gru	GXY	10.6	4.6	NGC7582	cF, cL, iR, D* 10-12 np 2'
√ NGC-7583	23h17m53s	07°22'44"	Psc	GXY	15		NGC7583	cB, cS, gmbM, *12 f 72"
√ NGC-7584	23h17m53s	09°25'58"	Peg	GXY	15		NGC7584	pF, S, R, *14 sf
√ NGC-7585	23h18m01s	-04°39'03"	Aqr	GXY	11.7	2.3	NGC7585	cB, S, vIE, svmbM *14
√ NGC-7586	23h17m56s	08°35'04"	Peg	GXY	15		NGC7586	eF
√ NGC-7587	23h17m59s	09°40'49"	Peg	GXY	15	1.4	NGC7587	eF, pS, R, * nr s
√ NGC-7588	23h17m58s	18°45'08"	Peg	GXY	15		NGC7588	vF, vS, iR
√ NGC-7589	23h18m16s	00°15'40"	Psc	GXY	15		NGC7589	vL neby, surrounds *7
√ NGC-7590	23h18m55s	-42°14'22"	Gru	GXY	11.6	2.7	NGC7590	vF, S, R, gmbM, *12 f

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√ NGC-7591	23h18m16s	06°35'09"	Psc	GXY	14		NGC7591	cF, pL, vIE 0deg , lbM, *11 sf
√ NGC-7592	23h18m22s	-04°24'59"	Aqr	GXY	14	1.4	NGC7592	F, S, R, gbM, er
√ NGC-7593	23h17m57s	11°20'56"	Peg	GXY	14		NGC7593	F, S, IE, p 7753
√ NGC-7594	23h18m14s	10°17'52"	Peg	GXY	16		NGC7594	cF, cL, vIE, vglbM, r
√ NGC-7595	23h18m30s	09°55'56"	Peg	GXY			NGC7595	eF, vS
√ NGC-7596	23h17m12s	-06°54'43"	Aqr	GXY			NGC7596	B, cL, R, psmbM
√ NGC-7597	23h18m30s	18°41'16"	Peg	GXY		1.3	NGC7597	neb, 5' sp 7757
√ NGC-7598	23h18m33s	18°44'58"	Peg	GXY	15		NGC7598	vF, cL, vIE, vglbM, 2 st 13 n
√ NGC-7599	23h19m21s	-42°15'25"	Gru	GXY	11.4	4.4	NGC7599	eF, vS, iR, sbM, D* 10 nf 50s
√ NGC-7600	23h18m54s	-07°34'48"	Aqr	GXY	13	2.4	NGC7600	vF, S, R, lbM, B* n
√ NGC-7601	23h18m47s	09°14'01"	Peg	GXY	15	1.5	NGC7601	cB, vS, R, psbM, *12 att
√ NGC-7602	23h18m43s	18°41'53"	Peg	GXY		0.6	NGC7602	F, vS, R, gbM, *10 p 8'; nonexistent?
√ NGC-7603	23h18m57s	00°14'38"	Psc	GXY	14	1.7	NGC7603	Cl, pRi, pC, st 11...15
√ NGC-7604	23h17m52s	07°25'46"	Psc	GXY	15		NGC7604	eF, vS, R, F* f
√ NGC-7605	23h17m53s	07°22'44"	Psc	N/A			NGC7605	B, pL, R, gbM
√ NGC-7606	23h19m05s	-08°29'09"	Aqr	GXY	10.8	5.8	NGC7606	vvF, 100" np 7768
√ NGC-7607	23h18m59s	11°20'28"	Peg	N/A			NGC7607	vF, S, 85" s of 7768
√ NGC-7608	23h19m15s	08°21'02"	Peg	GXY	15		NGC7608	vF, S, IE, * p 19"; = IC 1511
√ NGC-7609	23h19m30s	09°30'29"	Peg	GXY	15	1.5	NGC7609	vF, S, E, * inv, * p vnr
√ NGC-7610	23h19m41s	10°11'05"	Peg	GXY	15	3	NGC7610	pF, pS, R, mbM
√ NGC-7611	23h19m37s	08°03'48"	Psc	GXY	12.6	1.5	NGC7611	vF, vS, iR, s of 2
√ NGC-7612	23h19m44s	08°34'35"	Peg	GXY	14		NGC7612	pB, pL, E 84deg , bM, n of 2
√ NGC-7613	23h19m51s	00°11'54"	Psc	GXY			NGC7613	Cl of sc st 10m
√ NGC-7614	23h19m51s	00°11'54"	Psc	N/A			NGC7614	pF, cS, R, *13 nf nr
√ NGC-7615	23h19m55s	08°23'58"	Peg	GXY	16	1.2	NGC7615	eF, S, R, in centre of 3 st
√ NGC-7616	23h19m41s	10°11'05"	Peg	GXY			NGC7616	vF, pS, IE, glbM
√ NGC-7617	23h20m09s	08°09'56"	Psc	GXY	13.8	1	NGC7617	eF, vS, IE, gbM; nonexistent?
√ NGC-7618	23h19m47s	42°51'09"	And	GXY	14		NGC7618	vF, vS, R, bM
√ NGC-7619	23h20m15s	08°12'23"	Peg	GXY	11.1	2.9	NGC7619	cF, S, R, psbM, stellar, 1st of 4
√ NGC-7620	23h20m06s	24°13'14"	Peg	GXY	14	1.3	NGC7620	pF, S, R, psbM, stellar, 2nd of 4
√ NGC-7621	23h20m25s	08°21'57"	Peg	GXY	15		NGC7621	vF, vS, R, lbM, F* inv

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√ ID	RA	DEC	CON	TYPE	MAG	SIZE	NAME	NOTES
√ NGC-7622	23h21m39s	-62°07'03"	Tuc				NGC7622	F, S, R, 3rd of 4
√ NGC-7623	23h20m30s	08°23'46"	Peg	GXY	12.4	1.9	NGC7623	pF, pL, IE, glbM, 4th of 4
√ NGC-7624	23h20m23s	27°18'54"	Peg	GXY	13.4	1.1	NGC7624	F, S, IE
√ NGC-7625	23h20m30s	17°13'33"	Peg	GXY	12.1	1.8	NGC7625	vF, eS, lbM, r?, p of 2
√ NGC-7626	23h20m43s	08°13'01"	Peg	GXY	11.2	2.5	NGC7626	pB, pS, iR, psbM, r, *8 p 4'.5
√ NGC-7627	23h22m31s	11°53'32"	Peg				NGC7627	pF, pS, IE, vF st inv, f of 2
√ NGC-7628	23h20m55s	25°53'55"	Peg	GXY	14		NGC7628	vF, S, R
√ NGC-7629	23h21m19s	01°24'11"	Psc	GXY	15		NGC7629	Cl, S, pRi, vC, st 10, 13...
√ NGC-7630	23h21m16s	11°23'50"	Peg	GXY	15		NGC7630	Cl, vL, vRi, vmC, st 11...18
√ NGC-7631	23h21m27s	08°13'03"	Peg	GXY	14	1.9	NGC7631	Cl, pRi, pC
√ NGC-7632	23h22m01s	-42°28'48"	Gru	GXY			NGC7632	vF, vS; F*?
√ NGC-7633	23h23m03s	-67°39'10"	Ind	GXY		2.1	NGC7633	eF, eS, bM
√ NGC-7634	23h21m42s	08°53'14"	Peg	GXY	14	1.5	NGC7634	like a comet
√ NGC-7635	23h20m45s	61°12'42"	Cas	ENE		15	NGC7635	vF, pS, iR
√ NGC-7636	23h22m33s	-29°16'51"	Scl	GXY	15		NGC7636	Cl, vL, P, IC, st 7, 10...
√ NGC-7637	23h26m29s	-81°54'41"	Oct	GXY		2.5	NGC7637	pB, cS, R, gmbM
√ NGC-7638	23h22m33s	11°19'47"	Peg	GXY	15		NGC7638	eF, pS, iR, lbM
√ NGC-7639	23h22m48s	11°22'23"	Peg	GXY	15		NGC7639	pF, S, R, sbM, *10 sp
√ NGC-7640	23h22m07s	40°50'43"	And	GXY	10.9	10.7	NGC7640	vF, vS, *16 close p
√ NGC-7641	23h22m31s	11°53'32"	Peg	GXY	15		NGC7641	F, pS, E 39deg
√ NGC-7642	23h22m53s	01°26'34"	Psc	GXY	14		NGC7642	pB, dif
√ NGC-7643	23h22m50s	11°59'18"	Peg	GXY	15		NGC7643	eF, eS, stellar
√ NGC-7644	23h22m50s	11°59'18"	Peg	GXY			NGC7644	F, vS, stellar
√ NGC-7645	23h23m47s	-29°23'15"	Scl	GXY	14		NGC7645	eF, vS, bM
√ NGC-7646	23h24m07s	-11°51'38"	Aqr	GXY			NGC7646	vF, S, R, glbM; = 7583?
√ NGC-7647	23h23m57s	16°46'38"	Peg	GXY	15		NGC7647	pF, cL, pmE 0deg +/-
√ NGC-7648	23h23m54s	09°40'04"	Peg	GXY	14	1.9	NGC7648	vF, S, R, *16 nf 0'.5 (nebs?)
√ NGC-7649	23h24m20s	14°38'48"	Peg	GXY	13.7	1.6	NGC7649	vF, pS, IE, lbM
√ NGC-7650	23h25m21s	-57°47'27"	Tuc	GXY			NGC7650	vF, vS, gbM
√ NGC-7651	23h24m26s	13°58'01"	Peg	GXY	15		NGC7651	F, S, dif
√ NGC-7652	23h25m38s	-57°53'14"	Tuc	GXY			NGC7652	F, S, R, triangle with 2 st 19 n

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√ NGC-7653	23h24m49s	15°16'30"	Peg	GXY	14		NGC7653	pB, vS, R, bM
√ NGC-7654	23h24m48s	61°35'36"	Cas	OCL	6.9	13	NGC7654	vF
√ NGC-7655	23h26m46s	-68°01'40"	Ind	GXY			NGC7655	vF, nf of 2
√ NGC-7656	23h24m31s	-19°03'35"	Aqr	GXY	14		NGC7656	eF, cS
√ NGC-7657	23h26m47s	-57°48'18"	Tuc	GXY			NGC7657	pF, dif
√ NGC-7658	23h26m25s	-39°12'58"	Gru	GXY			NGC7658	eF, vS
√ NGC-7659	23h25m56s	14°12'34"	Peg	GXY	15		NGC7659	F, S, R, gbM
√ NGC-7660	23h25m49s	27°01'46"	Peg	GXY	14		NGC7660	cB, pS, R, psbM
√ NGC-7661	23h27m14s	-65°16'17"	Tuc	GXY		1.9	NGC7661	F, S, vIE
√ NGC-7662	23h25m54s	42°32'06"	And	PNE	9	2.2	NGC7662	eF, vS, stellar
√ NGC-7663	23h26m40s	-04°45'12"	Aqr	GXY			NGC7663	cF, eS, am 5 st (doubtful)
√ NGC-7664	23h26m40s	25°04'48"	Peg	GXY	13		NGC7664	F, vS, R, psbM
√ NGC-7665	23h27m15s	-09°23'13"	Aqr	GXY	13		NGC7665	vF, IE or iR, dif, vlbM
√ NGC-7666	23h27m24s	-04°11'12"	Aqr	N/A			NGC7666	pB, cS, R, smbM
√ NGC-7667	23h27m22s	00°11'12"	Psc	GXY	14		NGC7667	cB, pS, R, psbM
√ NGC-7668	23h27m24s	00°10'60"	Psc	N/A			NGC7668	vF, S, mE, 2 st n; = 7641
√ NGC-7669	23h27m24s	00°10'60"	Psc	N/A			NGC7669	vF, S, R, bM
√ NGC-7670	23h27m24s	00°10'60"	Psc	N/A			NGC7670	vF, vS, stellar
√ NGC-7671	23h27m19s	12°28'03"	Peg	GXY	12.7	1.7	NGC7671	F, S
√ NGC-7672	23h27m31s	12°23'06"	Peg	GXY	15	1	NGC7672	vF, vS
√ NGC-7673	23h27m41s	23°35'22"	Peg	GXY	12.7	1.7	NGC7673	F, S, R, lbM
√ NGC-7674	23h27m57s	08°46'43"	Peg	GXY	14	1.2	NGC7674	F, vS, E 90deg , psbM
√ NGC-7675	23h28m06s	08°46'06"	Peg	GXY	15	0.7	NGC7675	F, S, F** att
√ NGC-7676	23h29m02s	-59°43'02"	Tuc	GXY			NGC7676	vF, *8 inv l excentric
√ NGC-7677	23h28m06s	23°31'52"	Peg	GXY	14	1.9	NGC7677	eF, S, R, sbM
√ NGC-7678	23h28m28s	22°25'16"	Peg	GXY	12.2	2.3	NGC7678	vF, pL, R, vlbM, * nr
√ NGC-7679	23h28m47s	03°30'41"	Psc	GXY	12.7	1.9	NGC7679	1st of 2 neb, F, S
√ NGC-7680	23h28m35s	32°24'56"	Peg	GXY	13		NGC7680	2nd of 2 neb, F, S
√ NGC-7681	23h28m55s	17°18'33"	Peg	GXY	15		NGC7681	cF, L, mE 164deg , vlbM, r
√ NGC-7682	23h29m04s	03°32'00"	Psc	GXY	13.4	1.2	NGC7682	vF, S, iR, dif, lbM
√ NGC-7683	23h29m04s	11°26'41"	Peg	GXY	14		NGC7683	vF, vS, bM

NGC7501 – NGC7840 *Observer's Checklist*

Observer:

√ ID	RA	DEC	CON	TYPE	MAG	SIZE	NAME	NOTES
√ NGC-7684	23h30m32s	00°04'51"	Psc	GXY	15		NGC7684	F, pS, iR, dif, lbM
√ NGC-7685	23h30m33s	03°54'05"	Psc	GXY	15	2.1	NGC7685	vF, pS, IE
√ NGC-7686	23h30m07s	49°08'00"	And	OCL	5.6	15	NGC7686	vF, S, R, glbM
√ NGC-7687	23h30m54s	03°32'49"	Psc	GXY	15		NGC7687	vF, vS, E 260deg (neb?), *9 n 3'.6
√ NGC-7688	23h31m06s	21°24'41"	Peg	GXY	15		NGC7688	eF, cL(?), p a row of st
√ NGC-7689	23h33m16s	-54°05'38"	Phe	GXY	12	2.8	NGC7689	vF, pS, IE, bM; = IC 1486
√ NGC-7690	23h33m02s	-51°41'52"	Phe	GXY	13	2.8	NGC7690	vF, pL, R
√ NGC-7691	23h32m24s	15°50'51"	Peg	GXY	14		NGC7691	pF, pS, R, glbM, np of 2
√ NGC-7692	23h32m47s	-05°35'47"	Aqr	GXY	15		NGC7692	eF, S, R
√ NGC-7693	23h33m11s	-01°17'31"	Psc	GXY	14		NGC7693	eF, S, R, sf of 2
√ NGC-7694	23h33m16s	-02°42'12"	Psc	GXY	14		NGC7694	vF, pS, R, gbM; = IC 1488
√ NGC-7695	23h33m15s	-02°43'13"	Psc	N/A			NGC7695	Cl, L, Ri, mCM, R, st 9...13; = M52
√ NGC-7696	23h33m50s	04°52'14"	Psc	GXY	15		NGC7696	group of st (not a neb), *10 p
√ NGC-7697	23h34m53s	-65°23'46"	Tuc	GXY			NGC7697	vF, vS, R, bMN
√ NGC-7698	23h34m02s	24°56'40"	Peg	GXY	14		NGC7698	eF, R
√ NGC-7699	23h34m27s	-02°53'60"	Psc	GXY			NGC7699	D, both eF, S, R, 4 st p
√ NGC-7700	23h34m30s	-02°57'14"	Psc	GXY	14		NGC7700	vF, vS, R, psbM
√ NGC-7701	23h34m31s	-02°51'17"	Psc	GXY	14		NGC7701	F, vS, psmbM, *10 p
√ NGC-7702	23h35m29s	-56°00'40"	Phe	GXY	12.2	1.9	NGC7702	eF, cL, R, vglbM
√ NGC-7703	23h34m47s	16°04'32"	Peg	GXY	15		NGC7703	!!! PN or ring, vB, pS, R, blue, variable Nucl
√ NGC-7704	23h35m01s	04°53'51"	Psc	GXY	15		NGC7704	vF
√ NGC-7705	23h35m03s	04°48'14"	Psc	GXY	15		NGC7705	vF, * s, 2 st 11-12 p
√ NGC-7706	23h35m10s	04°57'51"	Psc	GXY	14		NGC7706	eF, S, stellar
√ NGC-7707	23h34m51s	44°18'14"	And	GXY	15		NGC7707	vF
√ NGC-7708	23h35m01s	72°50'00"	Cep	N/A			NGC7708	vF
√ NGC-7709	23h35m27s	-16°42'20"	Aqr	GXY	13		NGC7709	vF, near 7667
√ NGC-7710	23h35m46s	-02°52'52"	Psc	GXY	15		NGC7710	vF, near 7667
√ NGC-7711	23h35m39s	15°18'05"	Peg	GXY	14		NGC7711	vF, near 7667
√ NGC-7712	23h35m52s	23°37'07"	Peg	GXY	13		NGC7712	pB, S, R, vsmbM, *9 p
√ NGC-7713	23h36m15s	-37°56'20"	Scl	GXY	12	4.3	NGC7713	vF, S, 5' s of 7671

NGC7501 – NGC7840 *Observer's Checklist*

Observer:

√ ID	RA	DEC	CON	TYPE	MAG	SIZE	NAME	NOTES
√ NGC-7714	23h36m14s	02°09'18"	Psc	GXY	13	2.1	NGC7714	F, S, R
√ NGC-7715	23h36m22s	02°09'23"	Psc	GXY	15	2.6	NGC7715	F, cS, gbM, p of 2
√ NGC-7716	23h36m31s	00°17'50"	Psc	GXY	12.2	2.3	NGC7716	vF, S, R, gbM, f of 2
√ NGC-7717	23h37m43s	-15°07'08"	Aqr	GXY	13		NGC7717	B, S, IE, vsvmbM *11
√ NGC-7718	23h38m05s	25°43'11"	Peg	GXY	15		NGC7718	eF, vS, stell
√ NGC-7719	23h38m03s	-22°58'29"	Aqr	GXY			NGC7719	vF, pL, vIE, lbM, am 4 st
√ NGC-7720	23h38m30s	27°02'05"	Peg	GXY	12.6	1.9	NGC7720	pB, S, R, mbMN, stell
√ NGC-7721	23h38m49s	-06°31'05"	Aqr	GXY	11.8	3.4	NGC7721	vF, S, R, lbM, r
√ NGC-7722	23h38m41s	15°57'15"	Peg	GXY	13		NGC7722	vF, S, iR, r, ** f
√ NGC-7723	23h38m57s	-12°57'40"	Aqr	GXY	11.1	3.6	NGC7723	eF, *14 p 13s .7, ln
√ NGC-7724	23h39m07s	-12°13'28"	Aqr	GXY	13		NGC7724	F, *13 n
√ NGC-7725	23h39m15s	-04°32'21"	Aqr	GXY	14		NGC7725	F, vS, stell
√ NGC-7726	23h39m12s	27°06'55"	Peg	GXY	15		NGC7726	eF, cL, R, gbM, ** nr
√ NGC-7727	23h39m54s	-12°17'35"	Aqr	GXY	10.7	4.2	NGC7727	Cl, P, IC, st 7...11
√ NGC-7728	23h40m01s	27°08'01"	Peg	GXY	14		NGC7728	vF, vS, *11 f 1s, n 85"
√ NGC-7729	23h40m34s	29°11'17"	Peg	GXY	14		NGC7729	F, vS, dif, *11 201deg, 80"
√ NGC-7730	23h40m46s	-20°30'33"	Aqr	N/A			NGC7730	pF, L, R, vgbM
√ NGC-7731	23h41m29s	03°44'23"	Psc	GXY	14	1.7	NGC7731	cB, S, IE, psbM, *8 f
√ NGC-7732	23h41m34s	03°43'28"	Psc	GXY	15	2	NGC7732	eF, pL, triangle with 2 st 10
√ NGC-7733	23h42m33s	-65°57'25"	Tuc	GXY		1.4	NGC7733	neb, *9 f 18s, 73" s
√ NGC-7734	23h42m43s	-65°56'39"	Tuc	GXY		1.6	NGC7734	S neb or neb* 14
√ NGC-7735	23h42m17s	26°13'55"	Peg	GXY	15		NGC7735	eF, pL, stellar
√ NGC-7736	23h42m26s	-19°27'09"	Aqr	GXY	14		NGC7736	eF, stell (nr 7694)
√ NGC-7737	23h42m46s	27°03'10"	Peg	GXY	15		NGC7737	F, S, IE
√ NGC-7738	23h43m31s	00°29'18"	Psc	GXY	14	2.2	NGC7738	eeF, pL (certain)
√ NGC-7739	23h43m31s	00°29'18"	Psc	N/A			NGC7739	vF, eS, R, bMSN
√ NGC-7740	23h43m32s	27°18'46"	Peg	GXY	15		NGC7740	eF, vS
√ NGC-7741	23h43m54s	26°04'32"	Peg	GXY	11.4	4	NGC7741	vF, eS, stellar
√ NGC-7742	23h44m16s	10°46'01"	Peg	GXY	11.5	2	NGC7742	eF, vS, E 290deg ; F D*?
√ NGC-7743	23h44m21s	09°56'01"	Peg	GXY	11.2	3.1	NGC7743	vF, S, stellar
√ NGC-7744	23h44m59s	-42°54'38"	Phe	GXY	13	2.3	NGC7744	vF, S, stellar

NGC7501 – NGC7840 *Observer's Checklist*

Observer:

√ ID	RA	DEC	CON	TYPE	MAG	SIZE	NAME	NOTES
√ NGC-7745	23h44m46s	25°54'30"	Peg	GXY			NGC7745	eeF, eS, IE, bet a B & 2 F st
√ NGC-7746	23h45m20s	-01°41'06"	Psc	GXY	14		NGC7746	cF, vS, R, sbM *15
√ NGC-7747	23h45m32s	27°21'36"	Peg	GXY	14		NGC7747	pB, cS, R, psvmbM, *10 np
√ NGC-7748	23h44m57s	69°45'17"	Cep	N/A			NGC7748	eF, bM*, *11 np 2'
√ NGC-7749	23h45m47s	-29°31'03"	Scl	GXY	14		NGC7749	vF, S, R, bet 2 st
√ NGC-7750	23h46m38s	03°47'58"	Psc	GXY	14	1.8	NGC7750	Cl, pRi, pC, fan-sh, st pB
√ NGC-7751	23h46m58s	06°51'43"	Psc	GXY	14		NGC7751	eeF, S, R, v diffic, sev st nf
√ NGC-7752	23h46m59s	29°27'32"	Peg	GXY	14	0.7	NGC7752	F, S, R, vS* in centre
√ NGC-7753	23h47m05s	29°28'60"	Peg	GXY	13	3.4	NGC7753	vF, pL, E, gbM
√ NGC-7754	23h49m11s	-16°36'01"	Aqr	GXY	15		NGC7754	eF, pL, iR
√ NGC-7755	23h47m51s	-30°31'22"	Scl	GXY	12	3.7	NGC7755	F, cS, R, vglbM, r
√ NGC-7756	23h48m29s	04°07'31"	Psc	STR			NGC7756	F, vS, stellar
√ NGC-7757	23h48m46s	04°10'16"	Psc	GXY	14	2.6	NGC7757	vF, vS, stellar
√ NGC-7758	23h48m55s	-22°01'27"	Aqr	GXY			NGC7758	vF, S, R
√ NGC-7759	23h48m55s	-16°32'28"	Aqr	GXY	14		NGC7759	vF, pL
√ NGC-7760	23h49m12s	30°58'58"	Peg	GXY	15		NGC7760	F, pS, bet 2 st; nonexistent?
√ NGC-7761	23h51m29s	-13°22'54"	Aqr		14		NGC7761	vF, pS, psbM
√ NGC-7762	23h50m01s	68°02'18"	Cep	OCL	10	11	NGC7762	eF, vS, iR, *10 nff 3'; nonexistent?
√ NGC-7763	23h50m16s	-16°35'25"	Aqr	GXY			NGC7763	eeF, E
√ NGC-7764	23h50m54s	-40°43'47"	Phe	GXY	12.3	1.5	NGC7764	eF, vS
√ NGC-7765	23h50m52s	27°09'55"	Peg	GXY	15		NGC7765	eF, vS, vIE, gbM
√ NGC-7766	23h50m56s	27°07'35"	Peg	GXY	15		NGC7766	eF, vS
√ NGC-7767	23h50m57s	27°05'12"	Peg	GXY	14		NGC7767	vF, vS, stellar
√ NGC-7768	23h50m59s	27°08'49"	Peg	GXY	14	1.7	NGC7768	F, S
√ NGC-7769	23h51m04s	20°09'01"	Peg	GXY	12.1	1.8	NGC7769	vF
√ NGC-7770	23h51m23s	20°05'48"	Peg	GXY	15	1	NGC7770	eF, vS, alm stellar
√ NGC-7771	23h51m25s	20°06'43"	Peg	GXY	12.3	2.7	NGC7771	pB, S, IE, pgbM
√ NGC-7772	23h51m45s	16°14'54"	Peg	OCL			NGC7772	vF, vS, IE
√ NGC-7773	23h52m10s	31°16'37"	Peg	GXY	14		NGC7773	F, S, R
√ NGC-7774	23h52m12s	11°28'11"	Peg	GXY	14		NGC7774	eF, vS, IE
√ NGC-7775	23h52m24s	28°46'20"	Peg	GXY	14		NGC7775	eeF, pS, R, v diffic, n of 2

NGC7501 – NGC7840 *Observer's Checklist*

Observer:

√ ID	RA	DEC	CON	TYPE	MAG	SIZE	NAME	NOTES
√ NGC-7776	23h54m16s	-13°35'12"	Aqr				NGC7776	eeF, pS, R, am 6 st, s of 2
√ NGC-7777	23h53m13s	28°17'01"	Peg	GXY	14		NGC7777	vF, cS, R, bM, sp of 2
√ NGC-7778	23h53m20s	07°52'15"	Psc	GXY	14		NGC7778	vF, L, 2 pB st inv
√ NGC-7779	23h53m27s	07°52'32"	Psc	GXY	14	1.6	NGC7779	F, S, R, psbM
√ NGC-7780	23h53m32s	08°07'04"	Psc	GXY	15	1.2	NGC7780	F, vS, stellar
√ NGC-7781	23h53m46s	07°51'37"	Psc	GXY	15		NGC7781	B, L, mE 97deg , mbM, nf of 2
√ NGC-7782	23h53m54s	07°58'14"	Psc	GXY	13	2.4	NGC7782	eF, eS, stellar
√ NGC-7783	23h54m10s	00°22'58"	Psc	GXY	14	1.9	NGC7783	vF, S, R, lbM
√ NGC-7784	23h55m14s	21°45'44"	Peg	GXY	15		NGC7784	eF, vS
√ NGC-7785	23h55m19s	05°54'56"	Psc	GXY	11.6	2.3	NGC7785	F, S, vIE, vgvIbM, *10 att
√ NGC-7786	23h55m21s	21°35'17"	Peg	GXY	14		NGC7786	eF, S, IE
√ NGC-7787	23h56m08s	00°32'58"	Psc	GXY	15		NGC7787	vF, S, iR
√ NGC-7788	23h56m46s	61°23'59"	Cas	OCL	9	9	NGC7788	vF, vS, *16 p 11s
√ NGC-7789	23h57m24s	56°42'30"	Cas	OCL	6.7	16	NGC7789	pF, pS, R, *10-11 p
√ NGC-7790	23h58m24s	61°12'30"	Cas	OCL	8.5	17	NGC7790	cF, S, R
√ NGC-7791	23h57m57s	10°45'56"	Peg	DST			NGC7791	neb* 13m
√ NGC-7792	23h58m04s	16°30'05"	Peg	GXY	15		NGC7792	B, S, mE 90deg +/- , vsbM *13
√ NGC-7793	23h57m50s	-32°35'28"	Scl	GXY	9.1	9.1	NGC7793	vF, vS, R
√ NGC-7794	23h58m34s	10°43'41"	Peg	GXY	14		NGC7794	eF, eS, alm stell, 7556 f
√ NGC-7795	23h58m37s	60°02'06"	Cas	N/A			NGC7795	F, R, bM, place very rough
√ NGC-7796	23h58m60s	-55°27'25"	Phe	GXY	12	2.3	NGC7796	cF, pL, R, B** f
√ NGC-7797	23h58m59s	03°38'04"	Psc	GXY	15		NGC7797	vF, vS, p of 2
√ NGC-7798	23h59m26s	20°44'58"	Peg	GXY	13	1.5	NGC7798	eeF, neb* 13m
√ NGC-7799	23h59m32s	31°17'44"	Peg	GXY			NGC7799	F, cS, R, bM *16, np of 2
√ NGC-7800	23h59m37s	14°48'25"	Peg	GXY	13	2.6	NGC7800	F, vS, iR, sp of 2
√ NGC-7801	00h00m21s	50°44'30"	Cas	N/A			NGC7801	eF, stellar, nf of 2
√ NGC-7802	00h01m00s	06°14'31"	Psc	GXY	14		NGC7802	cB, pS, iR, psbM
√ NGC-7803	00h01m20s	13°06'40"	Peg	GXY	14		NGC7803	pF, cS, R, sbM *16, sf of 2
√ NGC-7804	00h01m19s	07°44'56"	Psc				NGC7804	vF, eS, stellar N
√ NGC-7805	00h01m27s	31°26'02"	Peg	GXY	14	1.4	NGC7805	vF
√ NGC-7806	00h01m30s	31°26'30"	Peg	GXY	14	1.3	NGC7806	vF, pS, E, er, 3 F st inv

NGC7501 – NGC7840 *Observer's Checklist*

Observer:

√ ID	RA	DEC	CON	TYPE	MAG	SIZE	NAME	NOTES
√ NGC-7807	00h00m27s	-18°50'31"	Cet	GXY		1	NGC7807	eeF, vS, E
√ NGC-7808	00h03m32s	-10°44'40"	Cet	GXY	14		NGC7808	eF, pL, iR, sev st inv
√ NGC-7809	00h02m09s	02°56'25"	Psc	GXY	15		NGC7809	vF, S, R, 3 F st sf
√ NGC-7810	00h02m19s	12°58'17"	Peg	GXY	14		NGC7810	eF, eS
√ NGC-7811	00h02m26s	03°21'06"	Psc	GXY	15		NGC7811	vF, cE, sev knots or gr of neb
√ NGC-7812	00h02m54s	-34°14'08"	Scl	GXY			NGC7812	eeF, alm stellar
√ NGC-7813	00h04m09s	-11°59'03"	Cet	GXY	15		NGC7813	eF, S, iR, b np, *10 p 4'
√ NGC-7814	00h03m15s	16°08'43"	Peg	GXY	10.5	6.3	NGC7814	pF, S, E, rr
√ NGC-7815	00h03m25s	20°42'14"	Peg	N/A			NGC7815	F, S, vIE
√ NGC-7816	00h03m49s	07°28'43"	Psc	GXY	14	1.9	NGC7816	F, S, smbM
√ NGC-7817	00h03m59s	20°45'03"	Peg	GXY	12	3.7	NGC7817	*13.5 in vF neb
√ NGC-7818	00h04m09s	07°22'44"	Psc	GXY	15		NGC7818	vF, am vS st
√ NGC-7819	00h04m25s	31°28'20"	Peg	GXY	14	2	NGC7819	eF, vS, stellar
√ NGC-7820	00h04m31s	05°11'58"	Psc	GXY	14		NGC7820	vF, pS, R, F* sp
√ NGC-7821	00h05m17s	-16°28'37"	Cet	GXY	14		NGC7821	vF, mE, *12-13 close f; = 7541?
√ NGC-7822	00h03m36s	67°09'00"	Cep	ENE		60	NGC7822	pB, L, pmE, gbM
√ NGC-7823	00h04m46s	-62°03'41"	Tuc	GXY		1.4	NGC7823	vF, vS
√ NGC-7824	00h05m06s	06°55'12"	Psc	GXY	14		NGC7824	eF, vS, stellar
√ NGC-7825	00h05m07s	05°12'10"	Psc	GXY	15		NGC7825	pB, pS, iR, gbM
√ NGC-7826	00h05m17s	-20°41'30"	Cet	N/A			NGC7826	eF, vS, alm stellar
√ NGC-7827	00h05m28s	05°13'19"	Psc	GXY	14		NGC7827	vF, vS, IE, gbM
√ NGC-7828	00h06m27s	-13°24'57"	Cet	GXY			NGC7828	eF, eS
√ NGC-7829	00h06m29s	-13°25'15"	Cet	GXY			NGC7829	eF, vS
√ NGC-7830	00h06m02s	08°20'33"	Psc	STR			NGC7830	pB, pL, pmE, gbM, p of 2
√ NGC-7831	00h07m19s	32°36'34"	And	GXY	14		NGC7831	pF, S, R, vgbM
√ NGC-7832	00h06m28s	-03°42'59"	Psc	GXY	13		NGC7832	eF, vS
√ NGC-7833	00h06m32s	27°38'26"	Peg	N/A			NGC7833	F, S, R
√ NGC-7834	00h06m38s	08°22'04"	Psc	GXY	15		NGC7834	pF, R, 3 st p; = IC 5307
√ NGC-7835	00h06m47s	08°25'33"	Psc	GXY	15		NGC7835	F, stellar
√ NGC-7836	00h08m02s	33°04'14"	And	GXY		1.2	NGC7836	vF, pS, IE 0deg, lbMN
√ NGC-7837	00h06m51s	08°21'06"	Psc	GXY	16		NGC7837	eF, vS, gbM

NGC7501 – NGC7840 *Observer's Checklist*

Observer:

√ ID	RA	DEC	CON	TYPE	MAG	SIZE	NAME	NOTES
√ NGC-7838	00h06m54s	08°21'04"	Psc	GXY	15		NGC7838	eF, eS, stellar
√ NGC-7839	00h07m01s	27°38'07"	Peg	DST			NGC7839	F, pL, pmE, gbM, f of 2
√ NGC-7840	00h07m09s	08°22'57"	Psc	GXY			NGC7840	cF, S, R, psmbM