

Taurus - The Bull

IC 322		Galaxy
Dec 26 2003 31"	17mmT4	DIF,PF,MS,PATCH,UB,NND,R=P
IC 329		Galaxy S?
Dec 26 2003 31"	17mmT4	VF,MS,PATCH,SMALL FNUC,PAIRS=IC331/IC330,R=F
IC 330		Galaxy Sab
Dec 26 2003 31"	17mmT4	DIF,VF,MS,PATCH,UB,PAIRS=IC329/IC331,R=F
IC 331		Galaxy S?
Dec 26 2003 31"	17mmT4	VF,MS,PATCH,SMALL FNUC,PAIRS=IC329/IC330,R=F
IC 332		Galaxy (R)SAB(rs)0/a:
Dec 26 2003 31"	17mmT4	PF,MS,PATCH,SMALL FNUC,R=F
IC 338		Galaxy S?
Dec 26 2003 31"	17mmT4	VDIF,VF,MS,PATCH,UB,NND,R=P
IC 353		Nebula R
Dec 04 2004 31"	31mmT5	VDIF,MF,EL,SCAN AREA WITH AND W/O OIII,NEB DET IN AREAS,BETTER W/O OIII,R=F
IC 355		Galaxy Sc
Dec 26 2003 31"	17mmT4	VDIF,VF,MS,OVAL,PATCH,UB,NND,R=P
IC 357		Galaxy SB(s)ab
Dec 26 2003 31"	17mmT4	MF,MS,ELONG,PATCH,UB,NND,SHISB,R=F
IC 358		Galaxy S0
Dec 26 2003 31"	17mmT4	MF,MS,SMALL FNUC,R=F
IC 359		Galaxy S0-:
Dec 26 2003 31"	17mmT4	MF,MS,ROUND,SMALL FNUC,SHISB MIDDLE,2F*S ON EDGE,R=F
IC 363		Galaxy
Dec 26 2003 31"	17mmT4	MF,MS,OVAL,PATCH,SMALL FNUC,R=F
IC 364		Galaxy
Dec 26 2003 31"	17mmT4	MF,MS,PATCH,SMALL BNUC,SBM,SOMEWHAT HISB MIDDLE,R=F
IC 365		Galaxy (R')SB(rs)0+:
Dec 26 2003 31"	17mmT4	MF,MS,OVAL,SMALL FNUC,R=F
IC 366		Galaxy E
Oct 20 2006 31"	17mmT4	MF,MS,OVAL,LARGE BNUC,MOD HISB MIDDLE,PAIR=1551,R=F
Nov 20 2003 31"	17mmT4	PF,PS,PATCH,UB,NND,PAIR=NGC1550,R=F
IC 374		Galaxy

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IC	374		Galaxy	
	Jan 24 2004	31"	17mmT4	MF,PS,ELONG,OVAL,SMALL FNUC,SMBM,R=F
IC	1918		Galaxy	
	Dec 26 2003	31"	17mmT4	VDIF,VF,PS,PATCH,UB,NND,R=P
IC	1931		Galaxy D	
	Dec 26 2003	31"	17mmT4	VDIF,EF,PS,PATCH,UB,NND,R=P
IC	1956		Galaxy SBbc:	
	Dec 26 2003	31"	17mmT4	DIF,PF,PS,PATCH,UB,NND,R=P
IC	1967		Galaxy Sbc	
	Dec 26 2003	31"	17mmT4	DIF,MF,MS,PATCH,UB,NND,R=P
IC	1977		Galaxy SBb	
	Dec 26 2003	31"	17mmT4	MF,ML,ELONG,PATCH,UB,NND,VF* OFF TO SIDE,R=F
IC	1998		Galaxy	
	Jan 24 2004	31"	17mmT4	VF,PS,OVAL,SMALL FNUC,LOC IN BARREN FIELD,R=P
IC	2002		Galaxy SBa	F, E NS, DIF, *14 N
	Dec 04 2004	31"	17mmT4	MF,MS,ELONG,PATCH,NND,R=F
IC	2016		Galaxy C	
	Dec 26 2003	31"	17mmT4	VDIF,VF,MS,PATCH,VFNUC,R=P
IC	2019		Galaxy Double System	
	Jan 24 2004	31"	17mmT4	MF,MS,OVAL,LARGE FNUC,SOFT NUC AREA,PAIR=MAC,R=F
IC	2057		Galaxy S?	
	Dec 26 2003	31"	17mmT4	PF,ML,OVAL,PATCH,UB,NND,R=F
IC	2074		Open Cluster	VF, S, ST INV; S CL?
	Dec 15 2004	12.5"	12mmT4	VF,VS,PATCH,CLUSTER APPROX 3-5*S,APPEARS AS VF NEB.VERIFIED WITH DSS,R=P
IC	2087		Nebula R	
	Dec 15 2004	12.5"	12mmT4	EDIF,EF,MS,PATCH,WIII,AV DET A SMALL VF PATCH,AV,SUSP,LOC GOOD,R=P
	Dec 04 2004	31"	17mmT4	NO FIND,USED 31MM AND 17MM WITH AND WITHOUT OIII
M	45	M45	Open Cluster	
	Mar 19 2004	12.5"	12mmT4	MESSIER MARATHON 2004
	Mar 02 1984	10"	20mm	BEAUTIFUL IN FINDER,EB,EL
	Sep 20 1981	12.5"	24mm	
	Mar 27 1981	12.5"	24mm	MESSIER MARATHON 1981
	Oct 31 1980	12.5"	24mm	
	Sep 10 1980	12.5"	32mm	

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MAC 0401+0538		Galaxy	
Jan 24 2004 31"	17mmT4	VDIF,EF,ES,PATCH,NND,AV,ATTACHED TO IC2019,R=P	
MAC 0404+2002		Galaxy	
Dec 26 2003 31"	17mmT4	EDIF,EF,VS,PATCH,NND,R=P	
MEL 25		Open Cluster	
Mar 17 2010 12"	32mm	VB,EEL,SEVERAL FOV'S,**S VARIOUS MAG,APPROX 200**S,LOOSLY SCATTERED,MODERATE CLUSTERING,R=F	
NGC 1312		Galaxy (R')SBb: sp	F
Nov 20 2003 31"	17mmT4	EDIF,EF,VS,PATCH,NND,R=P	
NGC 1349		Galaxy S0	EEF,S,R,BET2*
Nov 20 2003 31"	17mmT4	PF,MS,OVAL,PATCH,VERY FNUC,SBM,BETWEEN 2**S,R=F	
NGC 1384		Galaxy S?	NEB* 13
Nov 20 2003 31"	17mmT4	PF,MS,OVAL,PATCH,SMALL FNUC,R=F	
NGC 1409		H263-3 Galaxy SAB0: pec	EF,STELLAR OR LE
Nov 20 2003 31"	17mmT4	DIF,MF,PS,OVAL,PATCH,UB,NND,ATTACHED TO NGC1410,R=F	
NGC 1410		Galaxy E pec:	MAKESDNEBW/1409,POS0
Nov 20 2003 31"	17mmT4	DIF,MF,PS,OVAL,PATCH,UB,NND,ATTACHED TO NGC1409,R=F	
NGC 1431		Galaxy S0 pec:	EF,PL,IR
Nov 20 2003 31"	17mmT4	EDIF,EF,VS,PATCH,UB,NND,R=P	
NGC 1432		Nebula R	EF,VL,DIF, MAIA
Dec 04 2004 31"	31mmT5	DIF,VB,EL,WITH OIII,NEB EASILY DET AROUND **S IN M45,R=G	
NGC 1435		Nebula RN	VF,VL,DIF,MEROPE
Dec 04 2004 31"	31mmT5	DIF,VB,EL,WITH OIII,NEB EASILY DET AROUND **S IN M45,R=G	
NGC 1462		Galaxy S?	VF,S,VLE
Nov 20 2003 31"	17mmT4	MF,PL,OVAL,PATCH,UB,NND,R=F	
NGC 1488		Galaxy	*12INV IN NEB
Nov 20 2003 31"	17mmT4	VF,PS,OVAL,PATCH,UB,NND,R=P	
NGC 1497		Galaxy S0	EF,VS,IR,MBM
Nov 20 2003 31"	17mmT4	MB,PL,OVAL,LARGE BNUC,SHISB,CLOSE TO PGC14314,R=G	
NGC 1508		Galaxy Sc	VF,VS,R,BM,R
Nov 20 2003 31"	17mmT4	PF,MS,OVAL,PATCH,SMALL FNUC,VF* ON EDGE,PAIR=PGC14451,R=F	
NGC 1514		H69-4 Planetary Neb 3+2	*9IN NEB3'DIAM

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NGC 1514		H69-4	Planetary Neb 3+2	*9IN NEB3'DIAM
Oct 09 2010 31"	17mmT4	PB,PL,OVAL,OIII HELPS BRING OUT MORE DETAIL IN NEB,DARK PATCHES IN NEB,R=E		
Oct 09 2010 31"	17mmT4	PB,PL,OVAL,R,C* APPROX 9TH MAG,LARGE NEB,SPRIAL IN STR,DARK INNER RING BROKEN,R=E		
Dec 25 1984 12.5"	16mm	PB,ML,BRT CENTRAL *,LOC BETWEEN 2B**S.LARGE BALL OF NEBULA,R,MOD HISB		
NGC 1517			Galaxy Scd:	VF,VS,R,R,*9,10SF
Nov 20 2003 31"	17mmT4	MB,ML,PATCH,UB,NND,MHISB,B* OFF ONE EDGE,R=G		
NGC 1539			Galaxy C	VF,VS,GBM
Nov 20 2003 31"	17mmT4	MF,MS,OVAL,PATCH,VERY FNUC,SHISB,SBM,R=G		
NGC 1541			Galaxy S0+:	VF,S
Nov 20 2003 31"	17mmT4	MF,PS,ELONG,PATCH,UB,SBM,CENTRAL BULGE,NND,R=F		
NGC 1542			Galaxy Sab	VF,S,E
Nov 20 2003 31"	17mmT4	MF,PS,ELONG,PATCH,UB,NND,R=F		
NGC 1550		H464-2	Galaxy E-S0	VF,S,R,*13NR
Oct 20 2006 31"	17mmT4	MB,PL,ELONG,LARGE BNUC,MOD HISB MIDDLE,PAIR=IC366,R=G		
Nov 20 2003 31"	17mmT4	VB,VL,R,LARGE BNUC,GMBM,HISB MIDDLE,MOD HISB,PAIR=IC366,R=E		
NGC 1554			Nebula R	VAR,S,R,NN=*13
Nov 20 2003 31"	17mmT4	SUSP,BRT NEBULA,LOC GOOD		
NGC 1555			Nebula RN	VF,S,VARIABLE
Dec 25 1984 12.5"	24mm	HIND'S VARIABLE NEB - FADED FROM VIEW,ASSOC WITH T-TAURI		
NGC 1587		H8-2	Galaxy E pec	F,PS,R,R,P OF D NEB
Sep 06 2002 12.5"	9mmT6	PB,PL,OVAL,LARGE NUC,MOD HISB,BM,COMP=1588		
NGC 1588		H9-2	Galaxy E pec?	F,VS,R,R,F OF DNEB
Sep 06 2002 12.5"	9mmT6	MF,ML,OVAL,SBM,COMP=1587		
NGC 1589		H7-2	Galaxy Sab sp	F,PL,LE132,*80"NP
Sep 06 2002 12.5"	9mmT6	ELONG,F* OF NUC,BM,LARGE NUC,MOD HISB,PAIR/1587/1588		
NGC 1590			Galaxy Pec	F,S,*12NF
Dec 15 2004 12.5"	12mmT4	VF,VS,PATCH,UB,NND,PAIR WITH IC2074,R=F		
Nov 20 2003 31"	17mmT4	MF,MS,OVAL,PATCH,UB,NND,HISB,R=F		
NGC 1593			Galaxy S0^:	VF
Dec 26 2003 31"	17mmT4	MB,ML,OVAL,LARGE FNUC,SBM,MOD HISB MIDDLE,R=F		
Nov 20 2003 31"	17mmT4	PB,ML,OVAL,UB,NND,MOD HISB,R=G		
NGC 1615			Galaxy SA0-:	VF,VS,R,LBM,VS*INV
Dec 26 2003 31"	17mmT4	MF,MS,ELONG,SMALL BNUC,R=F		

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NGC 1633 Dec 26 2003 31"	17mmT4	H952-3 MF,PL,PATCH,UB,NND,CLOSE COMP=1634,R=G	Galaxy SAB(s)ab	EF,S,R,*8SP,P OFDNEB
NGC 1634 Dec 26 2003 31"	17mmT4	H953-3 MB,MS,LARGE BNUC,SHISB,CLOSE COMP=1633,R=G	Galaxy E	EF,VS,F OF DNEB
NGC 1642 Dec 26 2003 31"	17mmT4	H953-3 MB,ML,R,LARGE FNUC,FARMS DET,R=G	Galaxy SA(rs)c:	F,R,COMETARY,TRIW/2*
NGC 1647 Aug 21 1982 12.5"	24mm	H8-8 MB,EL,APPROX 20*S,FILLS 24MM,LOOSE,SCATTERED	Open Cluster 9.0 II 2 r	CL,VL,ST L,SC
NGC 1746 Mar 22 2004 12.5" Dec 25 1984 12.5"	25mm 48mm	H8-8 VB,EL,FEW B*S LOOSLY SCATTERED,PAIRS=1750/1758,NOT WELL PLACED IN 25MM,R=F VB,EL,NO CLUSTER,PART OF 1758,LARGE GROUPING OF *S,1758 TO E	Open Cluster 8.0 III 2 p	CL,P
NGC 1750 Mar 22 2004 12.5"	25mm	H43-8 VB,EL,FEW BRT *S LOOSLY SCATTERED,NOT WELL PLACED,OTHER CLUSTERS DET,R=F	Open Cluster OCL	CL,ST L,VCSC
NGC 1758 Mar 22 2004 12.5" Dec 25 1984 12.5"	25mm 48mm	H21-7 VB,EL,MORE *S THAN 1746/1750.NOT WELL PLACED,R=F VB,VL,*S DIFFERENT MAG,SCATTERED,FITS NICE IN 48MM	Open Cluster III 2 p	CL,PC,ST L\$\$
NGC 1802 Jan 24 2004 31"	17mmT4	H41-8 MF,EL,APPROX 20*S SAME MAG,LOOSLY SCATTERED. 2 FOV'S,R=P	Open Cluster 9.2 asterism?	CL,ST C SC
NGC 1807 Dec 25 1984 12.5"	48mm	H41-8 MB,PL,APPROX 15 *S SAME MAG,VERY SCATTERED,SOUTH OF 1817	Open Cluster 9.0 II 2 p	CL,PRI,ST L\$\$
NGC 1817 Dec 25 1984 12.5" Aug 21 1982 12.5"	48mm 24mm	H4-7 SAME MB,SL,3B*S IN W PART,WELL PLACED IN 24MM,APPROX 50*S,SCATTERED	Open Cluster 9.0 IV 2 r	CL,L,RI,LC,ST11...14
NGC 1952 Mar 08 2013 36" Feb 05 2005 31" Mar 19 2004 12.5" Dec 26 2003 31" Dec 25 1984 12.5" Mar 02 1984 10" Mar 27 1982 12.5" Mar 27 1982 12.5" Mar 27 1981 12.5" Oct 31 1980 12.5" Oct 29 1980 8" Sep 18 1980 12.5" Sep 10 1980 12.5"	M1 17mmT4 31mmT5 12mmT4 17mmT4 12mm 20mm 12mm 24mm 24mm 24mm 24mm 24mm	M1 MESSIER MARATHON 2013 EB,EL,OVAL,HISB,MANY F*S IN NEB,PATCHY AREAS DET,BEST EVER TO DATE,R=E MESSIER MARATHON 2004 VB,EL,OVAL,SEVERAL *S IN OBJECT,PATCH AREAS DET,BEST OBSERVATION TO DATE,M1,R=G SAME,VB,VL SAME EDGES START TO BREAK UP,HISB SNR,DIF,MB,ML,HISB,OVAL,MOD BM MESSIER MARATHON 1981	Nebula E	VB,VL,E135,VGLBM,R

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NGC 1952	M1	Nebula E	VB,VL,E135,VGLBM,R
Sep 09 1980 12.5"	24mm		
Sep 07 1980 12.5"	24mm		
Aug 22 1980 12.5"	24mm		
NGC 2026	H28-8	Open Cluster 9.0 cluster?	CL,LRI,LC,ST PL
Jan 24 2004 31"	17mmT4	MF,EL,APPROX 30"S VARYING IN MAG,LOOSLY SCATTERED,R=P	
PGC 14304		Galaxy S?	
Nov 20 2003 31"	17mmT4	VDIF,VF,PS,OVAL,PATCH,UB,NND,PAIR=PGC14315,R=P	
PGC 14314		Galaxy (R)SB(s)a	
Nov 20 2003 31"	17mmT4	DIF,VF,MS,PATCH,UB,NND,SMALL TRIANGLE OF *S IN GAL,CLOSE TO NGC1497,R=P	
PGC 14315		Galaxy (R')SAB(s)a	
Nov 20 2003 31"	17mmT4	VDIF,VF,VS,OVAL,PATCH,UB,NND,PAIR=PGC14304,R=P	
PGC 14333		Galaxy SA(s)c	
Feb 21 2006 31"	17mmT4	DIF,VF,PS,OVAL,PATCH,UB,NND,F* IN EDGE,R=F	
PGC 14431		Galaxy SBab:	
Feb 21 2006 31"	17mmT4	VF,MS,ELONG,EDGE ON,PATCH,UB,NND,R=F	
PGC 14451		Galaxy	
Nov 20 2003 31"	17mmT4	VDIF,VF,MS,PATCH,UB,NND,PAIR=NGC1508,R=P	
PGC 14687		Galaxy Sc	
Dec 26 2003 31"	17mmT4	DIF,PF,ML,ELONG,PATCH,UB,NND,PAIR=PGC14688,R=F	
PGC 14688		Galaxy Irr	
Dec 26 2003 31"	17mmT4	DIF,PF,MS,OVAL,PATCH,UB,NND,PAIR=PGC14687,R=P	
PGC 14892		Galaxy SB?	
Oct 20 2006 31"	17mmT4	MF,ML,OVAL,PATCH,NND,SOMEWHAT HISB,BETWEEN TRI OF *S,R=F	
PGC 15491		Galaxy Dwarf Spiral	
Dec 26 2003 31"	17mmT4	VDIF,VF,PS,PATCH,NND,R=P	
PGC 15873		Galaxy S	
Dec 26 2003 31"	17mmT4	DIF,PF,ML,OVAL,PATCH,UB,NND,R=F	
PGC 16863		Galaxy S	
Oct 25 2006 31"	17mmT4	EF,VS,ELONG,PATCH,SUSP,F* ON TOP OF GAL,SOME F PATCH SUSP AROUND,PAIRS=PGC'S,R=P	
PGC 16866		Galaxy E	
Oct 25 2006 31"	17mmT4	PF,PS,OVAL,R,SMALL FNUC,PAIRS=PGC'S,R=F	

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PGC 16867

Oct 25 2006 31" 17mmT4 PF,PS,OVAL,R,SMALL FNUC,PAIRS=PGC'S,R=F

Galaxy E

PGC 16871

Oct 25 2006 31" 17mmT4 VF,VS,PATCH,UB,NND,CLOSE TO F*,PAIRS=PGC'S,R=P

Galaxy L