

Taurus - The Bull

DODZ 3		Open Cluster IV 2 p
Nov 13 2020 36"	55mm	(IV 2 p),VB,VL,-12*S VAR MAG,SC,(2:55am),R=PF
DODZ 4		Open Cluster III 2 p
Mar 03 2021 36"	55mm	(IV 2 p),VB,VVL,2 FOV'S,-15*S,SMWHT VAR MAG,FEW F*S,NO CL,(7:30pm)R=P
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,FSNUC,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,FSNUC,PAIRS=IC329/IC330,R=F
IC 332		Galaxy (R)SAB(rs)0/a:
Dec 26 2003 31"	17mmT4	PF,MS,PATCH,FSNUC,R=F
IC 338		Galaxy S?
Dec 26 2003 31"	17mmT4	VDIF,VF,MS,PATCH,UB,NND,R=P
IC 353		Brn 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,EL,PATCH,UB,NND,SHISB,R=F
IC 358		Galaxy S0
Dec 26 2003 31"	17mmT4	MF,MS,FSNUC,R=F
IC 359		Galaxy S0-:
Dec 26 2003 31"	17mmT4	MF,MS,ROUND,FSNUC,SHISB CNTR,2F*S ON EDGE,R=F
IC 363		Galaxy
Dec 26 2003 31"	17mmT4	MF,MS,OVAL,PATCH,FSNUC,R=F
IC 364		Galaxy
Dec 26 2003 31"	17mmT4	MF,MS,PATCH,BSNUC,SBM,SHISB CNTR,R=F
IC 365		Galaxy (R')SB(rs)0+:
Dec 26 2003 31"	17mmT4	MF,MS,OVAL,FSNUC,R=F

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IC	366		Galaxy E	
	Oct 20 2006	31"	17mmT4	MF,MS,OVAL,BLNUC,MHISB CNTR,PAIR=1551,R=F
	Nov 20 2003	31"	17mmT4	PF,PS,PATCH,UB,NND,PAIR=NGC1550,R=F
IC	374		Galaxy	
	Jan 24 2004	31"	17mmT4	MF,PS,EL-OVAL,FSNUC,SBM,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,EL,PATCH,UB,NND,VF* OFF TO SIDE,R=F
IC	1998		Galaxy	
	Jan 24 2004	31"	17mmT4	VF,PS,OVAL,FSNUC,LOC IN BARREN FIELD,R=P
IC	2002		Galaxy SBa	F, E NS, DIF, *14 N
	Dec 04 2004	31"	17mmT4	MF,MS,EL,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,FLNUC,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,CL ~3-5*S,APPEARS AS VF NEB,VERIFIED WITH DSS,R=P
IC	2087		Brn Nebula R	
	Dec 15 2004	12.5"	12mmT4	EDIF,EF,MS,PATCH,WOIII,AV DET A S 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

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M 45	M45	Open Cluster	
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		
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,SVRL FOV'S,*S VAR MAG,~200*S,LOOSLY SC,M CL,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,VFNUC,SBM,BET 2*S,R=F	
NGC 1384		Galaxy S?	NEB* 13
Nov 20 2003 31"	17mmT4	PF,MS,OVAL,PATCH,FSNUC,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		Brт Nebula R	EF,VL,DIF, MAIA
Dec 04 2004 31"	31mmT5	DIF,VB,EL,WITH OIII,NEB EASILY DET SUR *S IN M45,R=G	
NGC 1435		Non-Existent	VF,VL,DIF,MEROPE
Dec 04 2004 31"	31mmT5	DIF,VB,EL,WITH OIII,NEB EASILY DET SUR *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,BLNUC,SHISB,CLOSE TO PGC14314,R=G	

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NGC 1508		Galaxy Sc	VF,VS,R,BM,R
Nov 20 2003 31"	17mmT4	PF,MS,OVAL,PATCH,FSNUC,VF* ON EDGE,PAIR=PGC14451,R=F	
NGC 1514		H69-4	Planetary Neb 3+2
Oct 09 2010 31"	17mmT4	PB,PL,OVAL,OIII HELPS BRING OUT MORE DETAIL IN NEB,DARK PATCHES IN NEB,R=E	*9IN NEB3'DIAM
Oct 09 2010 31"	17mmT4	PB,PL,OVAL-R,CNTR* ~9TH MAG,L NEB,SPRIAL IN STR,DARK INNER RING BROKEN,R=E	
Dec 25 1984 12.5"	16mm	PB,ML,BCNTR *,LOC BET 2B*S,L BALL OF NEB,R,MHISB	
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,VFNUC,SHISB,SBM,R=G	
NGC 1541		Galaxy S0+:	VF,S
Nov 20 2003 31"	17mmT4	MF,PS,EL,PATCH,UB,SBM,CNTR BULGE,NND,R=F	
NGC 1542		Galaxy Sab	VF,S,E
Nov 20 2003 31"	17mmT4	MF,PS,EL,PATCH,UB,NND,R=F	
NGC 1550		H464-2	Galaxy E-S0
Oct 20 2006 31"	17mmT4	MB,PL,EL,BLNUC,MHISB CNTR,PAIR=IC366,R=G	VF,S,R,*13NR
Nov 20 2003 31"	17mmT4	VB,VL,R,BLNUC,GMBM,HISB CNTR,MHISB,PAIR=IC366,R=E	
NGC 1554		Brn Nebula R	VAR,S,R,NN=*13
Nov 20 2003 31"	17mmT4	SUSP,B NEB,LOC GOOD	
NGC 1555		Brn 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
Sep 06 2002 12.5"	9mmT6	PB,PL,OVAL,LNUC,MHISB,BM,COMP=1588	F,PS,R,R,P OF D NEB
NGC 1588		H9-2	Galaxy E pec?
Sep 06 2002 12.5"	9mmT6	MF,ML,OVAL,SBM,COMP=1587	F,VS,R,R,F OF DNEB
NGC 1589		H7-2	Galaxy Sab sp
Sep 06 2002 12.5"	9mmT6	EL,F* OF NUC,BM,LNUC,MHISB,PAIR/1587/1588	F,PL,LE132,*80"NP
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,FLNUC,SBM,MHISB CNTR,R=F	
Nov 20 2003 31"	17mmT4	PB,ML,OVAL,UB,NND,MHISB,R=G	

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NGC 1615		Galaxy SA0-:	VF,VS,R,LBM,VS*INV
Dec 26 2003 31"	17mmT4	MF,MS,EL,BSNUC,R=F	
NGC 1633		H952-3 Galaxy SAB(s)ab	EF,S,R,*8SP,P OFDNEB
Dec 26 2003 31"	17mmT4	MF,PL,PATCH,UB,NND,CLOSE COMP=1634,R=G	
NGC 1634		H953-3 Galaxy E	EF,VS,F OF DNEB
Dec 26 2003 31"	17mmT4	MB,MS,BLNUC,SHISB,CLOSE COMP=1633,R=G	
NGC 1642		Galaxy SA(rs)c:	F,R,COMETARY,TRIW/2*
Dec 26 2003 31"	17mmT4	MB,ML,R,FLNUC,FARMS DET,R=G	
NGC 1647		H8-8 Open Cluster II 2 r	CL,VL,ST L,SC
Aug 21 1982 12.5"	24mm	MB,EL,~20*S,FILLS 24MM,LOOSE,SC	
NGC 1746		Open Cluster III 2 p	CL,P
Nov 13 2020 36"	55mm	(III 2 m),EB,EEL,INTRACT=N1758,SHARE SAME *S,~40*S,BEST IN FINDER,(2:00am),R=PF	
Mar 22 2004 12.5"	25mm	VB,EL,FEW B*S LOOSLY SC,PAIRS=1750/1758,NOT WELL PLACED IN 25MM,R=F	
Dec 25 1984 12.5"	48mm	VB,EL,NO CL,PART OF 1758,L GRP OF *S,1758 TO E	
NGC 1750		H43-8 Open Cluster III 2 p	CL,ST L,VCSC
Mar 22 2004 12.5"	25mm	VB,EL,FEW B*S LOOSLY SC,NOT WELL PLACED,OTHER CL,S DET,R=F	
NGC 1758		H21-7 Open Cluster III 2 p	CL,PC,ST L\$\$
Nov 13 2020 36"	55mm	(III 2 m),EB,EEL,INTRACT=N1746,SHARE SAME *S,~40*S,BEST IN FINDER,(2:01am),R=PF	
Mar 22 2004 12.5"	25mm	VB,EL,MORE *S THAN 1746/1750,NOT WELL PLACED,R=F	
Dec 25 1984 12.5"	48mm	VB,VL,*S DIFF MAG,SC,FITS NICE IN 48MM	
NGC 1802		H41-8 Open Cluster asterism?	CL,ST C SC
Jan 24 2004 31"	17mmT4	MF,EL,~20*S SAME MAG,LOOSLY SC, 2 FOV'S,R=P	
NGC 1807		Open Cluster II 2 p	CL,PRI,ST L\$\$
Nov 13 2020 36"	17mmT4	(III 2 p),EB,EL,~15*S,ALM FILLS FOV,MORE B*S THAN F*S,SPIDER SHAPE,(2:06am),R=F	
Dec 25 1984 12.5"	48mm	MB,PL,~15 *S SAME MAG,V SC,SOUTH OF 1817	
NGC 1817		H4-7 Open Cluster IV 2 r	CL,L,RI,LC,ST11...14
Dec 25 1984 12.5"	48mm	SAME	
Aug 21 1982 12.5"	24mm	MB,SL,3B*S IN W PART,WELL PLACED IN 24MM,~50*S,SC	
NGC 1952	M1	Brn Nebula E	VB,VL,E135,VGLBM,R
Mar 05 2021 36"	17mmT4	(Lb 1),SNR,VB,VL,OVAL,W/OIII,FINE FILAMENTS,STR,SEE OTHER DESCRIPTIONS,(8:44pm),R=E	
Mar 08 2013 36"	17mmT4	MESSIER MARATHON 2013	
Feb 05 2005 31"	31mmT5	EB,EL-OVAL,HISB,MANY F*S IN NEB,PATCHY AREAS DET,BEST EVER TO DATE,R=E	
Mar 19 2004 12.5"	12mmT4	MESSIER MARATHON 2004	
Dec 26 2003 31"	17mmT4	VB,EL-OVAL,SVRL *S IN OBJECT,PATCH AREAS DET,BEST OBSERVATION TO DATE,M1,R=G	
Dec 25 1984 12.5"	12mm	SAME,VB,VL	
Mar 02 1984 10"	20mm	SAME	

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NGC	1952	M1	Brn Nebula E	VB,VL,E135,VGLBM,R	
	Mar 27 1982	12.5"	12mm	EDGES START TO BREAK UP,HISB	
	Mar 27 1982	12.5"	24mm	SNR,DIF,MB,ML,HISB,OVAL,MBM	
	Mar 27 1981	12.5"	24mm	MESSIER MARATHON 1981	
	Oct 31 1980	12.5"	24mm		
	Oct 29 1980	8"	24mm		
	Sep 18 1980	12.5"	24mm		
	Sep 10 1980	12.5"	24mm		
	Sep 09 1980	12.5"	24mm		
	Sep 07 1980	12.5"	24mm		
	Aug 22 1980	12.5"	24mm		
NGC	1996		H42-8	Open Cluster cluster?	CL,L,LC,LRI
	Nov 13 2020	36"	55mm	(IV 2 p),VB,EL,WIDELY DISP,~20*S SMWHT SIM MAG,(3:10am),R=P	
NGC	2026		H28-8	Open Cluster cluster?	CL,LRI,LC,ST PL
	Jan 24 2004	31"	17mmT4	MF,EL,~30*S VARYING IN MAG,LOOSLY SC,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,S TRIANGLE OF *S IN GLXY,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,EL-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,EL,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,SHISB,BET TRI OF *S,R=F	
PGC	15491			Galaxy Dwarf Spiral	
	Dec 26 2003	31"	17mmT4	VDIF,VF,PS,PATCH,NND,R=P	

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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,EL,PATCH,SUSP,F* ON TOP OF GLXY,SOME F PATCH SUSP SURPAIRS=PGC'S,R=P

PGC 16866

Galaxy E

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

PGC 16867

Galaxy E

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

PGC 16871

Galaxy L

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